

DJB Radio



Users Manual
rev. 05-2020

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The DJB Radio Broadcast Automation System

Users Manual



[PDF Manual](#)



Innovative Software for the Radio Industry

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Before you install DJB Radio it is CRITICAL that you follow our guidelines for Hardware, Operating System and Networking!

Hardware & Operating System Checklist



Typical DJB Radio PRO Integrated Bundle Hardware Configuration

Computer Operating Systems - Supported [as of April 2020]

a. Windows 7, Pro*

**Windows 7 is "End of Life" as of January 2020. Users can continue to install DJB on WIN7 Pro, but it is not recommended.*

b. Windows 10 Pro (64 bit)**

***Windows Home products are subject to automatic updates which can take systems OFF the AIR and are therefore not recommended.*

Computer Hardware Specifications [as of April 2020]

Computer Hardware (Recommended Minimum Spec):

Intel "Core" Series CPU i5 or i7 (fourth generation or higher) or AMD Ryzen 5 or 7
8GB RAM (16GB preferred)

HDD System Volume ('C' Drive):

256GB (or larger) SSD (Solid State Drive) - Recommended for fast boot up.

Audio Drive(s):

500GB Minimum, 2TB+ Recommended

Note: Matching Air and Production computer drives - good idea for back-up

TYPICAL CONFIGURATION:



SYSTEM: Solid State Drive "SSD"
Available 265 or 500GB System
Fast Boot & Access - NO MOVING PARTS



AUDIO: SATA II or SATA3 Mechanical HDD
500GB up to 4TB

OPTIMAL CONFIGURATION:



SYSTEM: Solid State Drive "SSD"
Available 265 or 500GB
Fast Boot & Access - NO MOVING PARTS



AUDIO: Solid State Drive "SSD"
Available 2TB

Note: Samsung SSD shown as an example - any high quality SSD is acceptable.

Anti-Virus/Anti-Malware Specifications [as of April 2020]

Windows Defender is recommended as third party anti-virus/anti-malware software can cause communication and performance issues with DJB Software.

Please contact support@djbradio.com for more information.

Network Specifications [as of April 2020]

1GB WIRED Network ONLY.

All LAN cables must be certified CAT5e or CAT 6

Ethernet Switch must be 1GB "gigabit" (1000MB) *with direct path from DJB machines to switch*

Network Adapters in computers must also be 1GB "gigabit" (1000MB)

Note: Wireless networks are not supported

Video Specifications [as of April 2020]

LCD or LED monitors are mandatory* (CRT is not compatible)
High Resolution video card mandatory - 1280 x 1024 is the minimal resolution supported

**Touch Screen monitors recommended for DJB On Air Workstations.*

Suggested LCD/LED Monitor Configurations



Typical DJB Radio "PRO" On Air Workstation 1 LCD



Typical DJB Radio "PRO" PROD Suite Workstation 1 LCD



Typical DJB Radio "Starter" (Single Computer) System with dual LCD monitors (On Air & PROD on one machine)



Typical DJB Radio PROD Suite with Adobe Audition Editor [Left]
DJB Radio Production Suite ingests audio from Adobe 3rd Party Editor

Sound Card/USB Interface/AoIP Driver Specifications [as of April 2020]

A typical DJB Radio "PRO" system should include the following:

On Air: Dual Output or Quad Output Professional Audio Device
PROD: Single or Dual Input/Output Professional Audio Device

A typical DJB Radio "Starter" system should include the following:

On Air: Single or Dual Channel Input/Output Audio Device
PROD: Single or Dual Channel Input/Output Audio Device

Note: Onboard sound devices in most computer systems are acceptable for use, but not recommended

Here are some Audio Devices DJB Radio recommends:



Alpha by Lexicon Sound Card Front View



Focusrite 18i20



Behringer FCA-610 4 Ch USB Card



Wheatstone ip Audio Drivers 1ch - 8 Ch



Axia - Livewire 1Ch - 24 Ch Drivers



AudioScience PCIe Sound Cards

Please contact sales@djbradio.com for more information on sound devices.

How to Install DJB Radio On Air

It is easy to install the DJB Radio On Air Software, simply press the next button during each stage of the install.

NOTE: If you are upgrading from DBJ II go to [THIS SECTION](#) first to prepare your system.

Run the installers for DJB Radio On Air and DJB Radio Production one at a time.

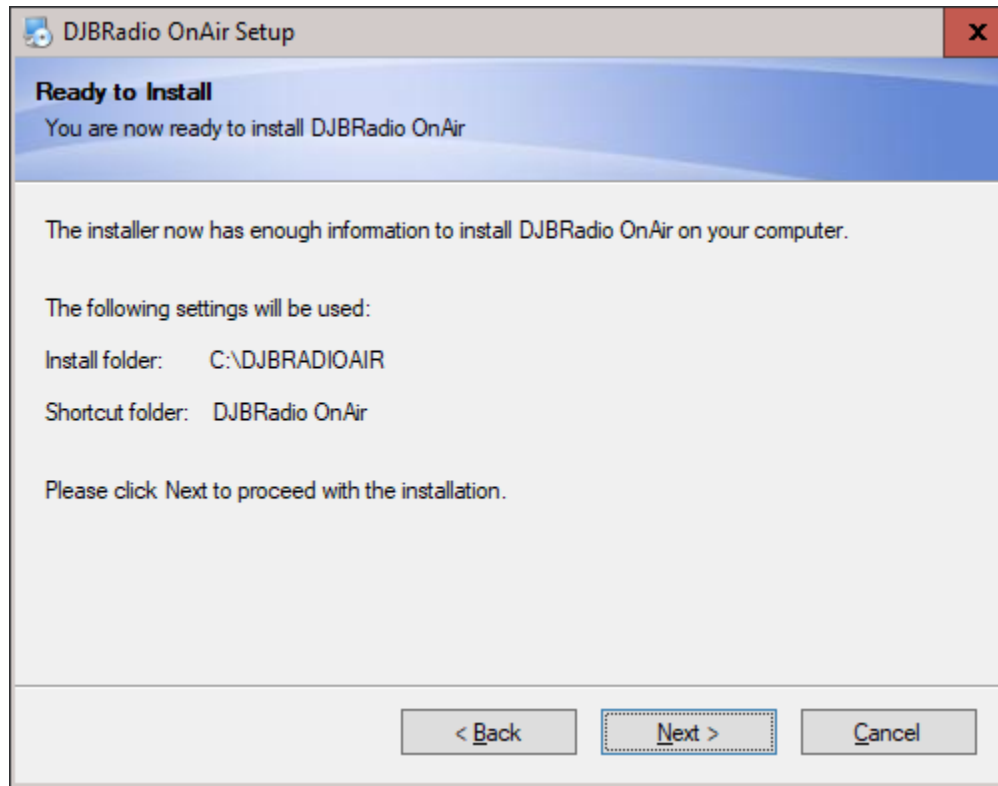


(Press Next)

This is the only step with an option as you have the choice to accept the license agreement. If you do not accept the license agreement you cannot proceed with the Install.

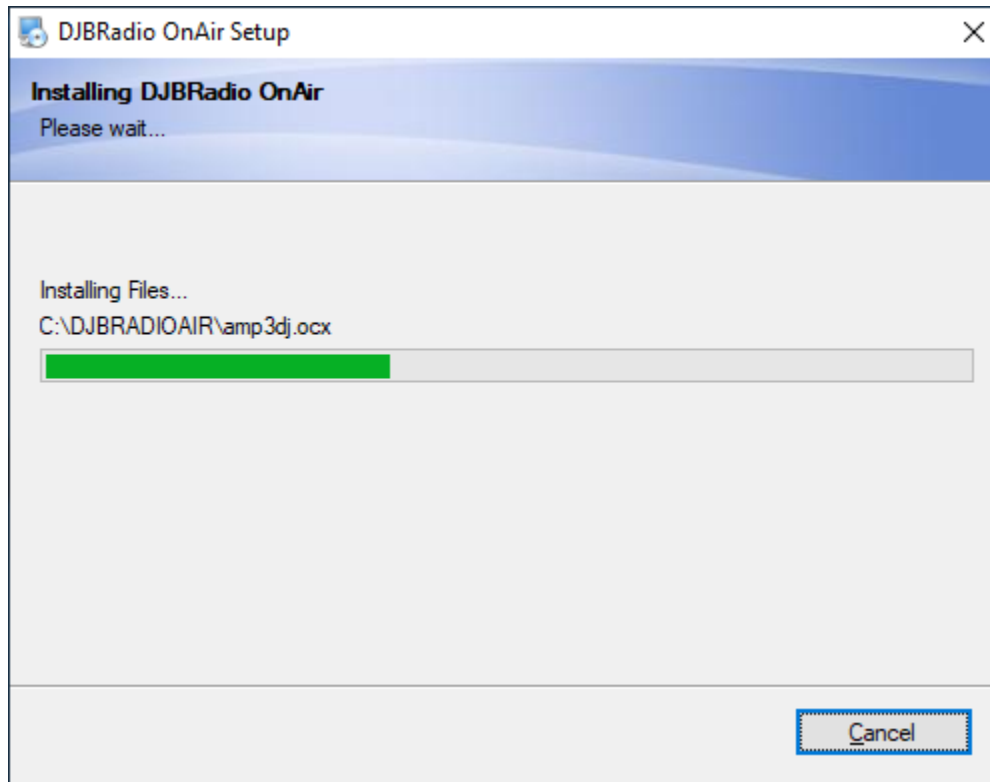


(Press Next)

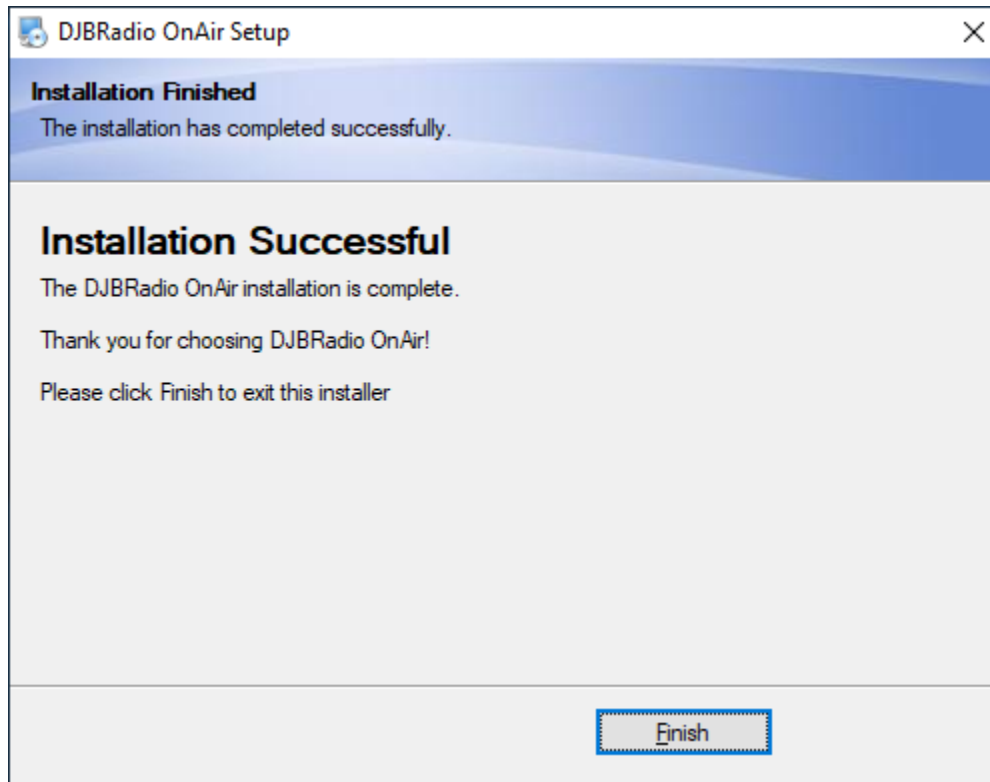


(Press Next)

At This point the installer begins to copy the files onto your system.



Once completed the final screen of the installer appears.



Press Finish to Exit the Installer

Activating the DJB Radio On Air Software

Activating your software once you have purchased it, is a very simple process.

The First Time you Run the DJB Radio On Air Software

The first time you run the program you must run it with elevated privileges on the machine. To do that, right-click on your shortcut to the DJB Radio On Air and select “Run as Administrator”

Running in Evaluation Mode

You can run in evaluation mode for up to 30 days. To do so, press the “Evaluate DJB Radio On Air” button



Activating DJB Radio On Air

Press the “Activare DJB Radio On Air” button
The Activation screen will appear

License ID and Password

DJB Software Inc.

DJBRadio OnAir

Please enter your License ID and Password found on the CD Label or received through your email.

Please enter your License ID:

[Where is my License ID?](#)

Please enter your Password:

[Click here for support](#)

Back Exit Continue

DJB Software Inc.

Enter your License ID and Password on the screen above and press continue to activate your software.

If you don't have a License ID and password yet, clicking the support link will take you to the Get an Activation Code form that you must fill out in order to receive a code.

Once you fill out and submit the form, you will receive your License ID and Password in an email from DJB Licensing <Licensing@djbradio.com>.

Next Steps:

If you are a new DJB user, you can skip to [Getting Started - DJB Radio](#).
If you are upgrading from the DJBII platform please continue to the [next page](#).

How to upgrade from Digital JukeBox II

1. Prepare

If you are upgrading from DJB II to DJB Radio the first thing you need to do is make sure that voice tracking is done and the schedule is ready for the next day.

2. Backup your existing system.

The best way to do this is with an external USB drive. Copy the JBData, JBMusic, and JBCoverart (if you have one) to the USB Drive.

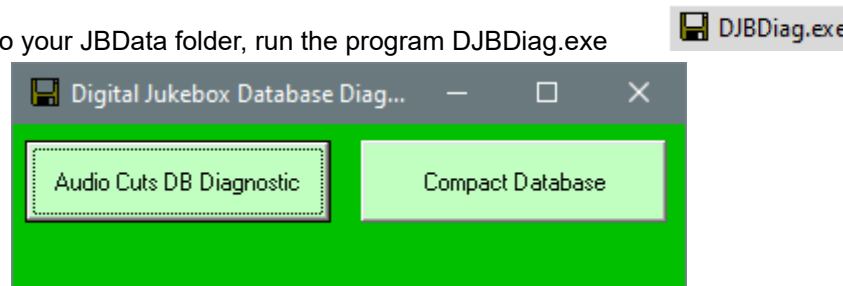
NOTE: Save screenshots or make notes of the settings in all On Air and Production machines to configure the new machines with the same settings..

3. Uninstall

Once everything is backed up, Uninstall DJB II using the Windows "Add and Remove Programs" or "Programs and Features."

4. Compact

Now browse to your JBData folder, run the program DJBdiag.exe



Click "Compact Database"

5. Install - but don't run yet.

Now [install the DJB Radio Production](#) software on one Production machine by running the installer for DJB Radio Production.

Note: Do not run the software yet.

6. Create Upgrade.txt

Browse to the JBData folder, right-click an empty area and click New and then Text Document.
Name the text file: "upgrade.txt".

7. Run Production to Upgrade Database

Now run the DJB Production Software.

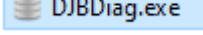
The Production Software will upgrade your database, once complete, go into settings make them match your notes or screenshots.

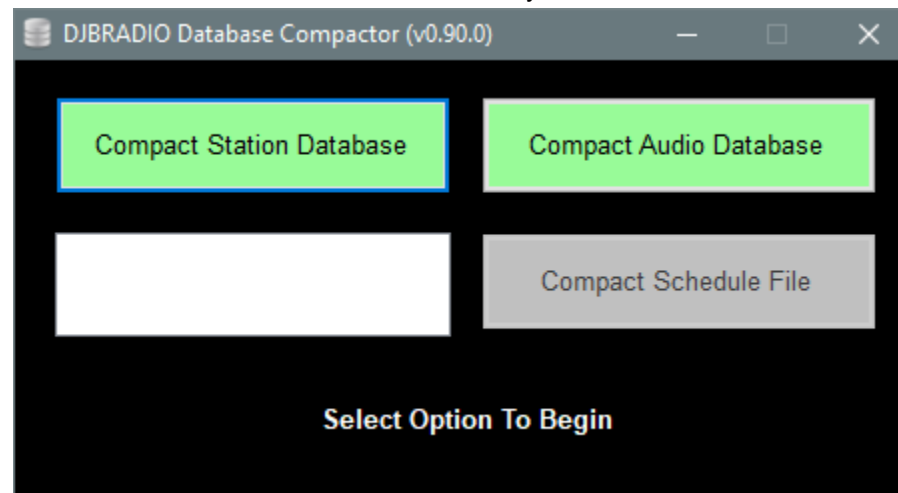
Then install the On Air and configure its settings.

Then run the On Air and put it back on the air.

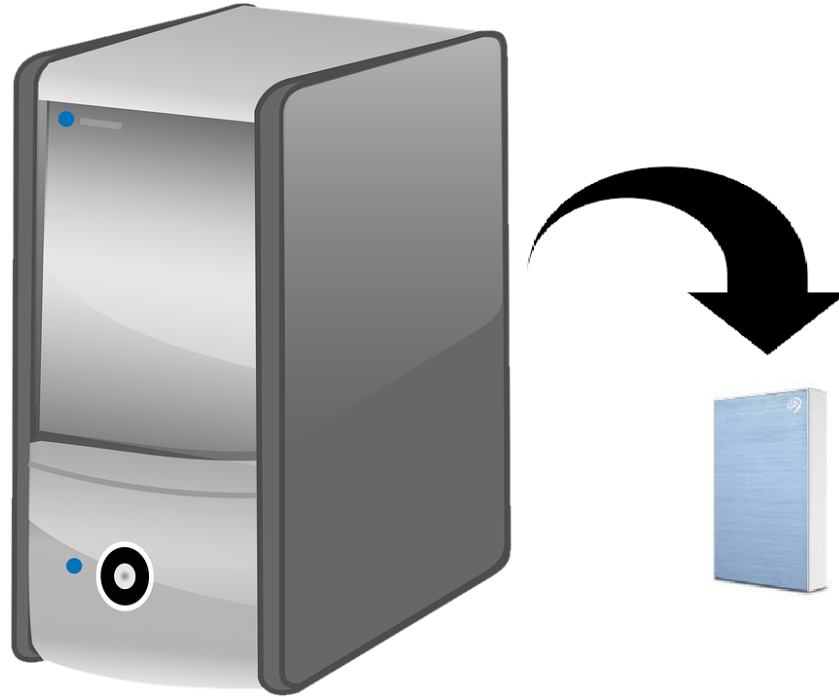
You can then install the software on any remaining Production and On Air machines.

8. If JBData is not on C:

If the JBData folder is not on the C: drive, browse to the new C:\JBData folder and copy the new DJBDiag.exe  to your \JBData folder. It will have new functionality for DJB Radio.



9. Backing Up



Now that you know how to backup your important folders, you should schedule regular backups.

Best practice is to keep a backup offsite.

If the studio location takes a lighting hit, an external hard drive kept in a safe somewhere can save months of work.

If you also keep a copy in the studio location, don't leave the external drive connected.

After a backup, you should browse the External drive and make sure everything is there.

Remember this is your product and the more recent a backup is, the fewer missing files if you need to restore.

Multiple backups give you added security

Other reasons for backup:

Hardware failure: even the best hardware can and will fail eventually.

User error/malfeasance: files can be accidentally deleted and disgruntled employees can make accidents happen.

Getting Started - DJB Radio



The Getting Started pages will take you through the initial DJB Radio system planning for:

- a) Audio Categories using the [Edit Categories Button](#) or the Audio Types editor
- b) Audio Library development using 3rd Party Editors and [DJB Radio Production Suite](#)
- c) Creating a Schedule (Template) for daily programming by building a Log Shell using [Scheduling Menu](#)
- d) Merging music and traffic (music format stations) using [Scheduling Menu](#)
- e) Creating a merge of traffic and satellite clocks (satellite driven stations) using [Scheduling Menu](#)

The On Line manual is constantly evolving.

Please contact Sales: Sales@djbradio.com or Support: Support@djbradio.com for updates or the latest information on the software products.

Phone: 702-487-3336 ext. 1 for Sales, ext. 2 for Support

Production Suite Intro

Audio Cuts Database - Creation of Radio Station Music - Imaging - Promo Audio



[ORANGE] PRODUCTION SUITE ICON

Audio Cuts Database Manager

[Production - CD Ripping - Waveform Editing

- Weather & Time Voicing - Pro Features]

[Voice Tracking - Local & Internet]

[Scheduling for Satellite - Music - Talk & Programming & Reconciliation Reports]

Launch The DJB Radio PROD SUITE MENU by clicking on the [ORANGE] PROD SUITE ICON



DJB Radio PROD Menu [As seen on software boot-up]

Before Getting Started: A Note on Sorting and Categorizing Audio.

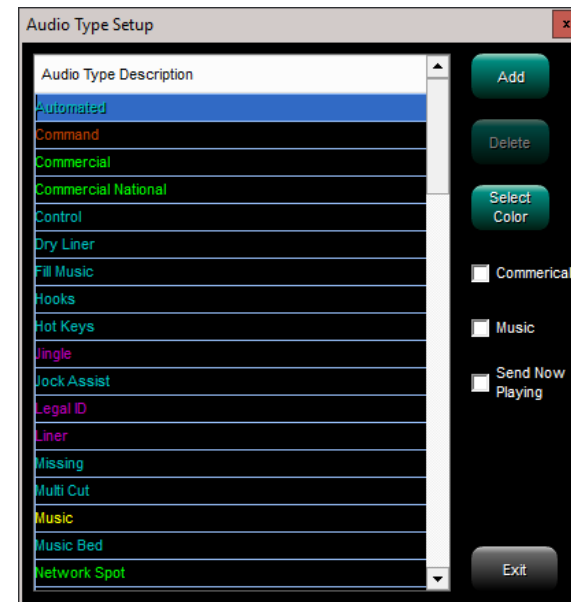
DJB Radio provides two methods for categorizing and sorting your Audio Library.

Our built-in Scheduler includes two digit Category Codes that mimic a traditional music scheduling software. For sorting audio within the Audio Library (and for other functionality within DJB such as VoiceTracking or Artist/Title data output) "Audio Types" are employed.

The table below (left) is an example Category Code naming scheme using our built-in Scheduler.

A	HOT AC Pop Currents	J	Jingles Medium - Slow	S	
AA	HOT AC Pop Currents Power	JJ	Jingles Up tempo	SS	
B	Bumpers Medium - Slow	K		T	
BB	Bumpers Up tempo	KK		TT	
C	Commercials	L	Liners	U	
CC	Commercials Network	LL		UU	
D	AC	M		V	Voice Tracks
DD		MM		VV	Voice Tracks
E	Eighties 80's	N	News	W	Weather Reports
EE		NN	News Intro / Outro	WW	Weather Bumpers
F	Four In A Row	O	Oldies	X	
FF		OO		XX	
G	Gold Songs	P	Promos	Y	
GG	Gold Songs Power	PP		YY	
H	Hot Country	Q		Z	Christmas Music
HH		QQ		ZZ	Christmas Music Power
I	Station IDs Medium - Slow	R	Re-Currents		
II	Station IDs Power	RR	Re-Currents Power		

The image below (right) shows our Audio Type Editor.



If you plan to use DJB Radio's built-in Music Scheduler please carry on to the next page in the manual to learn "[Category Creation & Naming](#)" for your Audio Library.

If you do not intend to use our built-in scheduler please proceed to "[Editing Audio Types](#)"

Audio Category Creation & Naming



Launch The DJB Radio PROD SUITE MENU by clicking on the [ORANGE] PROD SUITE ICON

WDJB

DJB RADIO™

Select Station - Loaded : default.djb

DEFAULT.DJB Load Station Close Station Add Station

Station Info

WDJB
DJB Radio
DJB On-Air

License Status

Software Activated Activate DeActivate License

Production

Production Multi Cut Carts Razor Blade Audio Editor

Programming

Log Editor Scheduler Sports Interface Editor Time and Temp Setup

On-Air

VoiceTracking Hot Key Editor Manual Weather Update

Engineering

Edit Satellite Grids Edit I/O Controls Edit Command Cuts
BGR Schedule IVT Audio Scooper IVT Create Schedule Pack
Program Settings

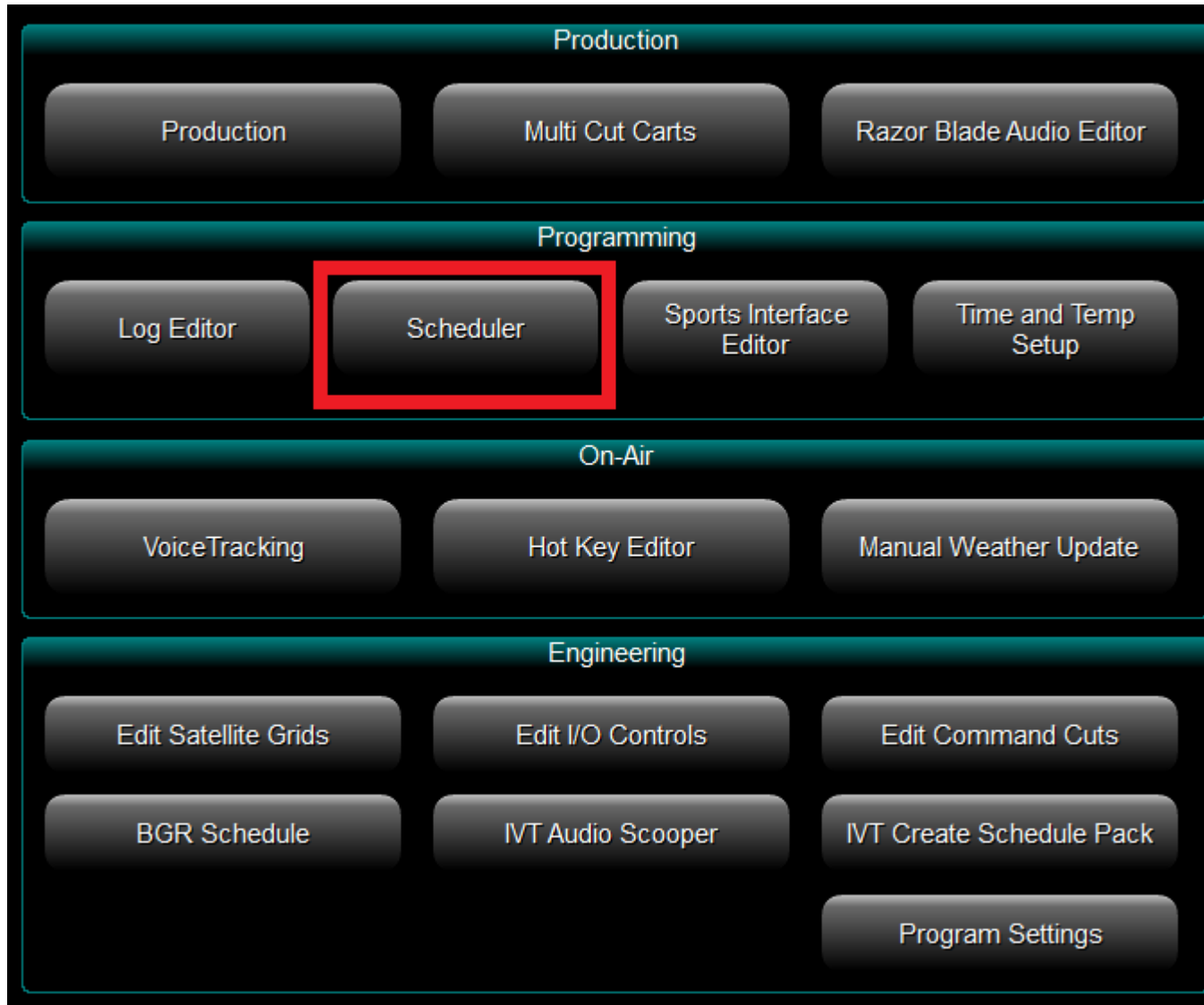
Exit

DJB Radio Production Version 3.4.136

DJB Radio PROD Menu [As seen on software start-up]

Step 1: To begin setting up the Audio Cuts Database in DJB Radio:

Access the Audio Categories database first by selecting the [Scheduler] button as below.



The Scheduler Menu below provides a variety of Buttons - Select the [EDIT CATEGORIES] Button



Step 2: Audio Category Creation: Category naming is unique to each user as it's based on the format of the station.

Programmers must create a Category letter for all your audio items that you plan to store in your audio database such as

- a) Music - Power Cuts, Currents, Recurrent, Oldies, Classics, Christmas (*for example*)
- b) Bumpers
- c) Station IDs / Imaging
- d) Promos
- e) Commercials
- f) Liners
- g) and any other audio planned for the DJB Audio Cuts Database.

The [CATEGORY SETUP] window is illustrated below - showing some pre-made assignments by the manual author
The default [CATEGORY SETUP] window with new DJB Radio software will show Letters with NO ASSIGNMENTS

The screenshot shows the 'Category Setup' window with a table of categories and several control buttons. The table has three columns: 'CAT', 'DESCRIPTION', and 'Avg Length'. The 'M' row is highlighted. To the right of the table are buttons for 'Add', 'Delete', 'Calc Avg Length', and 'Calc Avg All'. Below the table is a 'Change' button and an 'Exit' button at the bottom. Numbered callouts point to these elements: 1 points to the table, 2 to 'Add', 3 to 'Delete', 4 to 'Calc Avg Length', 5 to 'Calc Avg All', 6 to the empty text field below the table, and 7 to 'Change'.

CAT	DESCRIPTION	Avg Length
A	HOT AC Pop Currents	No Length
B	Bumpers Medium - Slow	No Length
C	Commercials	No Length
D	AC	No Length
E	Eighties 80's	No Length
F	4 in a row	No Length
G	Gold Songs	No Length
H	Hot Country	No Length
I	Station IDs Medium - Slow	No Length
J	Jingles Medium - Slow	No Length
K	No Description	No Length
L	Liners	No Length
M	No Description	No Length
N	News	No Length
O	Oldies	No Length
P	Promos	No Length
Q	No Description	No Length

Category List 1

Category Name Field 6

2 Add Category Button

3 Delete Category Button

4 Calculate Average Length Button

5 Calculate Average All Button

7 Change Button

Exit

1

Category List

This is the user customizable list of categories.

2

Add Category Button

Click to create a new category.

3

Delete Category Button

Click this to delete an existing category.

4

Calculate Average Length Button

Click to calculate the average length of every cut in this category.

5

Calculate Average All Button

Click to calculate the average length of eall of the cuts in every category at once.

6

Category Name Field

This is where you will type names of new categories or edit existing names.

7

Change Button

Click to save changes you have made to a category name. If you don't click "Change" the category name will revert back to what is was before you edited it.

Step 3: Category Name Planning: Write out your Category "Letter" Assignment naming strategy.

It is a good idea for the Letters and names to make logical sense. I.e. C for commercials, N for news, etc.

Later, when you are building DJB Log Shells, selecting audio types for your daily schedules will be much easier.

The table below is an example Category naming scheme.

A	HOT AC Pop Currents	J	Jingles Medium - Slow	S	
AA	HOT AC Pop Currents Power	JJ	Jingles Up tempo	SS	
B	Bumpers Medium - Slow	K		T	
BB	Bumpers Up tempo	KK		TT	
C	Commercials	L	Liners	U	
CC	Commercials Network	LL		UU	
D	AC	M		V	Voice Tracks
DD		MM		VV	Voice Tracks
E	Eighties 80's	N	News	W	Weather Reports
EE		NN	News Intro / Outro	WW	Weather Bumpers
F	Four In A Row	O	Oldies	X	
FF		OO		XX	
G	Gold Songs	P	Promos	Y	
GG	Gold Songs Power	PP		YY	
H	Hot Country	Q		Z	Christmas Music
HH		QQ		ZZ	Christmas Music Power
I	Station IDs Medium - Slow	R	Re-Currents		
II	Station IDs Power	RR	Re-Currents Power		

The Category names will be visible in the Audio Cuts Database and the Scheduler.
 The image below is the main Production window with the Category column circled in red.

PR DJBRadio Production -

DJB Library

- All Cuts
- Audio Types
- Categories
- Tagged Cuts
- Unused Cuts

Search

Sorted by Artist

Cut	Type	D/A	Artist	Title	Year	Length	Intro	Cat
00054	Hot Keys	A	Tarzan Yell			00:04	01	
00055	Hot Keys	A	CHICKEN DANCE			02:42	00	
00056	Hot Keys	A	Meep Meep !!			00:01	01	
00057	Hot Keys	A	Gasp Laugh !			00:01	01	
00060	Music	A	Katy Perry	Teenage Dream	2010	03:47	04	A
00061	Music	A	Selena Gomez & The Scene	Love You Like a Love Song	2011	03:08	04	A
00062	Music	A	Steve Winwood	Higher Love	1990	04:17	10	A
00063	Music	A	Taylor Swift	Love Story	2008	03:51	16	A
00064	Music	A	Chicago	Saturday In The Park	1972	03:51	25	A
00065	Music	A	Des'ree	You Gotta Be	1992	03:58	20	A
00066	Music	A	Dire Straights	Money For Nothing	1985	04:03	01	A
00067	Music	A	Donny Osmond	Soilder of Love	1989	03:47	20	A
00068	Music	A	Duncan Sheik	Barely Breating	1996	03:54	09	A
00069	Music	A	Eurythmics	Sweet Dreams (Are Made Of T...	1983	03:33	08	A
00070	Music	A	Fleetwood Mac	Little Lies	1987	03:33	17	A
00071	Music	A	Michael Buble	Everything	2007	03:29	15	A
00072	Music	A	Maroon 5	Makes Me Wonder	2007	03:31	17	A
00073	Music	A	Blondie	Heart of Glass	1978	03:50	10	A

Cut Info

Audio Type D O A

Category

Artist

Artist 2

Artist 3

Title

Composer

Label

Outcue/Album

Power

Memo or ISRC

Gender Year

Tempo Peak Chart

File Name

Activation Hour Ending

Expire Hour

Purchase URL

Picture URL

Cut Functions

Production Functions

As illustrated below, see Category Assignments in the DJB Radio Scheduler [Log Shell Editor]

LE Edit Shell - DJB DEMO Shell Hour Time : 08:01

You can drag and drop any position to any other position to fine tune your format.

Hour	Tempo Policy	Description	Length
0	1	Play Cut Number : 1 (Mike Carta - 93.7 DJB Legal ID)	00:09
1	1	Execute Command 9004 - PlayHooks	00:00
2	1	Select an Item from Category - A - HOT AC Pop Currents	00:00
3	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
4	1	Select an Item from Category - A - HOT AC Pop Currents	00:00
5	1	Play Cut Number : 31 (Mike Carta - Fleetwood Mac Intro)	00:09
6	1	Play Cut Number : 70 (Fleetwood Mac - Little Lies)	03:33
7	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
8	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
9	1	Execute Command 9990 - Announce The Time	00:00
10	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
11	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
12	1	Execute Command 9991 - Announce The Temperature	00:00
13	1	Select an Item from Category - A - HOT AC Pop Currents	00:00
14	1	Execute Command 9600 - Record Voice Track	00:00
15	1	Select an Item from Category - A - HOT AC Pop Currents	00:00
16	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
17	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
18	1	Execute Command 9990 - Announce The Time	00:00
19	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
20	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
21	1	Execute Command 9991 - Announce The Temperature	00:00
22	1	Play Cut Number : 36 (Mike Carta - Return From Break)	00:04
23	1	Select an Item from Category - A - HOT AC Pop Currents	00:00
		Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
		Select an Item from Category - A - HOT AC Pop Currents	00:00
		Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
		Select an Item from Category - A - HOT AC Pop Currents	00:00
		Execute Command 9600 - Record Voice Track	00:00
		Select an Item from Category - A - HOT AC Pop Currents	00:00
		Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
		Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00

Add Audio Cut

Add Category

Add Command

Add Multi Cut

Copy Line

Paste Line

Clipboard :
Nothing

Delete

Tempo Policy Number

Update Tempo Policy

Category Usage Analyser

Copy The Current Hour

Paste To The Current hour

Clipboard :
Nothing

Close And Exit

See next section that discusses Editing Audio Types

Audio Cuts: Editing Audio Types

The screenshot displays the main interface of the DJB Radio software. At the top, the title bar reads 'WDB' and the window title is 'Audio Cuts: Editing Audio Types'. The main header features the 'DJB RADIO' logo in a large, stylized font with a radio tower icon integrated into the letter 'A'. Below the logo, the interface is organized into several functional panels:

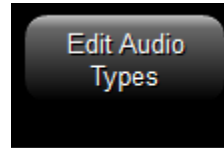
- Select Station - Loaded : default.djb**: A dropdown menu showing 'DEFAULT.DJB' and buttons for 'Load Station', 'Close Station', and 'Add Station'.
- Station Info**: A central panel displaying 'WDB', 'DJB Radio', and 'DJB On-Air'.
- License Status**: A panel at the bottom left showing 'Software Activated' and buttons for 'Activate' and 'DeActivate License'.
- Production**: A panel on the right containing buttons for 'Production', 'Multi Cut Carts', and 'Razor Blade Audio Editor'.
- Programming**: A panel on the right containing buttons for 'Log Editor', 'Scheduler', 'Sports Interface Editor', and 'Time and Temp Setup'.
- On-Air**: A panel on the right containing buttons for 'VoiceTracking', 'Hot Key Editor', and 'Manual Weather Update'.
- Engineering**: A panel on the right containing buttons for 'Edit Satellite Grids', 'Edit I/O Controls', 'Edit Command Cuts', 'BGR Schedule', 'IVT Audio Scooper', 'IVT Create Schedule Pack', and 'Program Settings'.

A prominent green 'Exit' button is located at the bottom right of the interface. The version number 'DJB Radio Production Version 3.4.136' is displayed in orange text at the bottom left.

From the main Production menu select Production

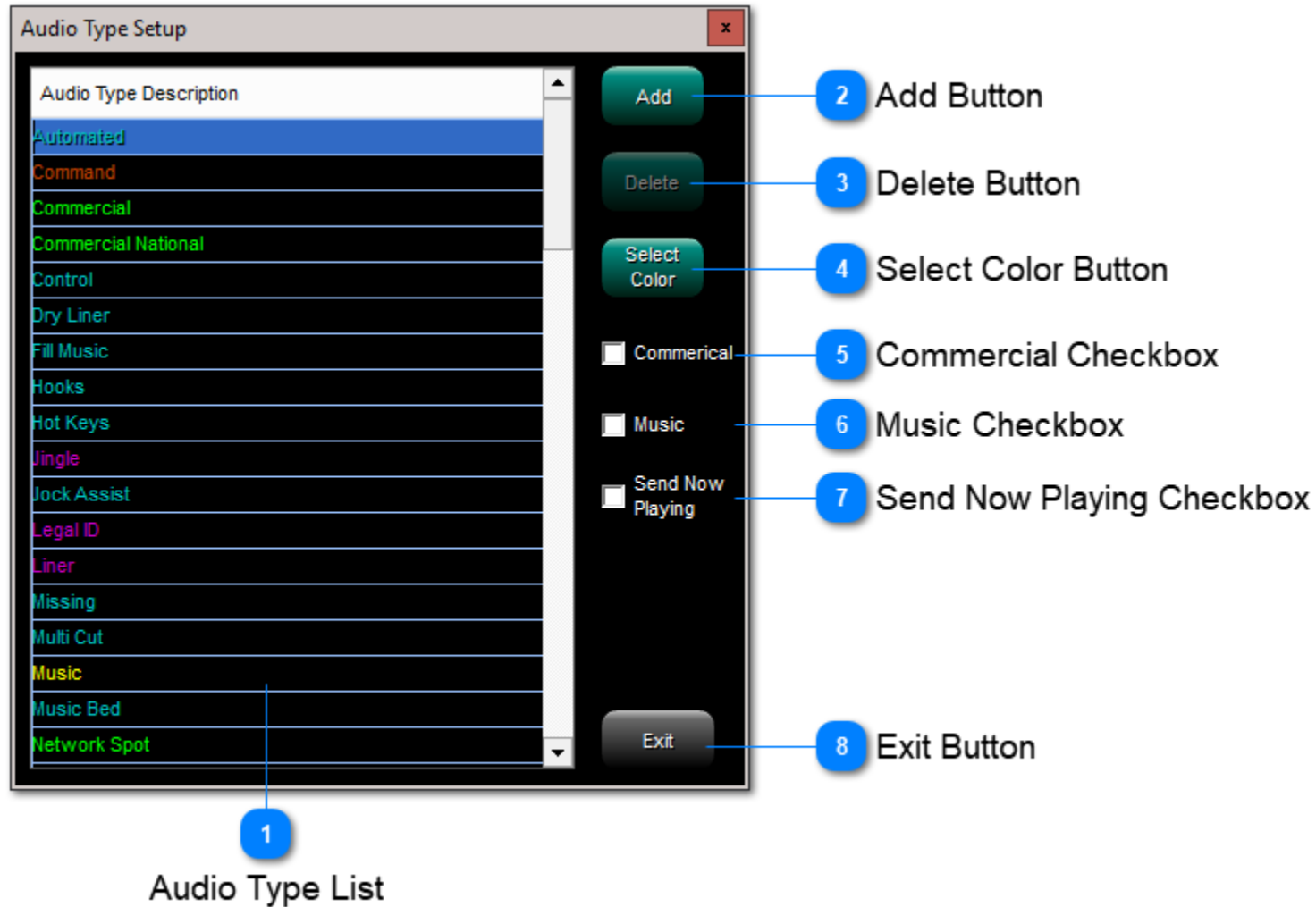


Once Production Database Editor opens click "Edit Audio Types"



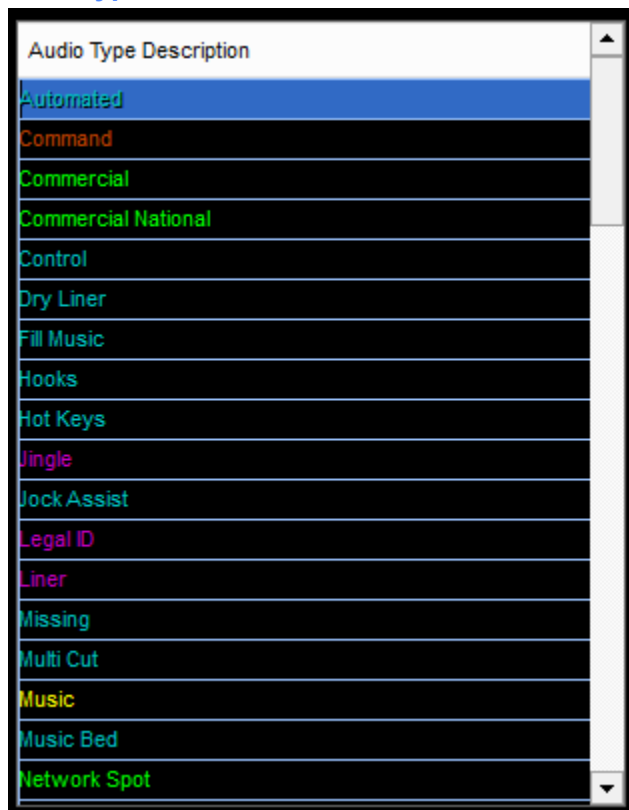
DJB Radio comes with a default list of Audio Types for your use.
Custom Audio Types can be created and deleted.

Note: The default Audio Types cannot be deleted.



1

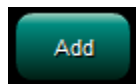
Audio Type List



This box contains all of the Audio Types.
You will need to scroll down to see them all.

2

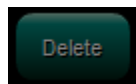
Add Button



The Add button allows you to create a new custom Audio Type.

3

Delete Button



The Delete button allows you to delete a custom Audio Type.
Note: the default Audio Types cannot be deleted.

4

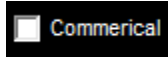
Select Color Button



The Select Color button allows you to choose the font colors of the various Audio Types. This can be very helpful in quickly recognizing what is coming up in the schedule in On Air.

5

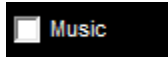
Commercial Checkbox



Check this box to indicate that the Audio Type contains commercial content. This will cause the Audio Type to be reported on the Spot Play report for reconciliation.

6

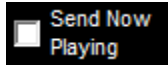
Music Checkbox



Check this box to indicate that the Audio Type is Music. This will cause the Audio Type to be reported on the Spins report for reporting.

7

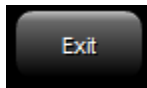
Send Now Playing Checkbox



If you check this box, the Audio Type's Title and Artist info will be sent to Now Playing for RDS or Streaming Text output.

8

Exit Button



As you might expect, this button closes the Audio Type editor and returns you to the Production screen.

See next section that discusses creation of audio cuts database using Importing, CD Ripping, and Recording.

Audio Cuts: Importing

For in-depth details on the Audio Cuts Database software, see the section: [DJB Radio Production Suite](#)

Methods of Audio Cut creation using the DJB Radio Production Database Editor:

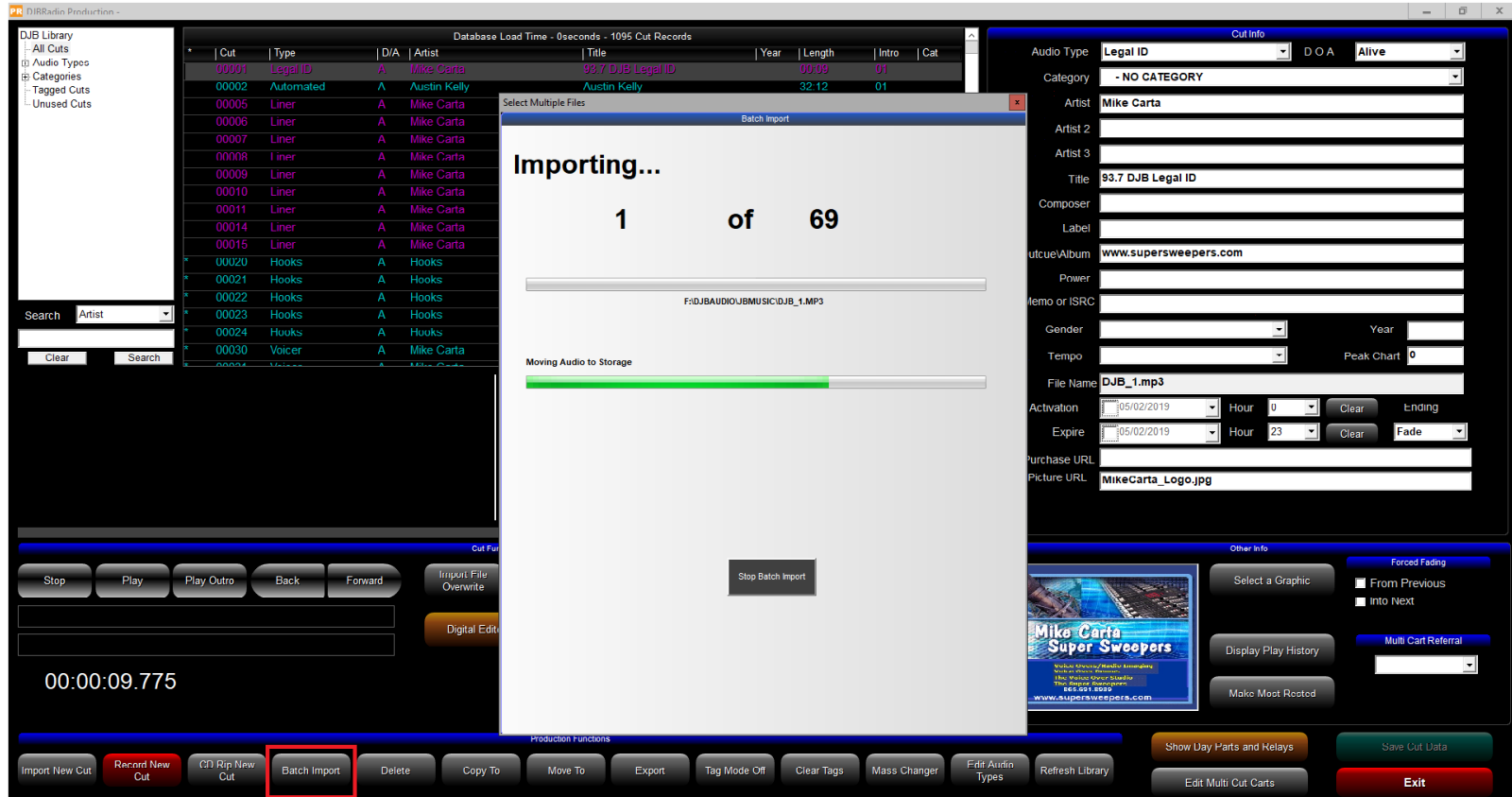
1. Importing existing audio files - Single Import or Batch Import method
Audio File formats supported by DJB Radio Production Suite include: wav, mp3, mp2, and m4a
2. CD Ripping - Importing music directly from a CD (Single Track)

3. Recording - You can record audio in real time from any source you can feed into the Production software.

NOTE: You may also purchase a DJB Radio Database compatible **MUSIC LIBRARY** - Contact: Sales@djbradio.com

Batch Audio Cut Importing

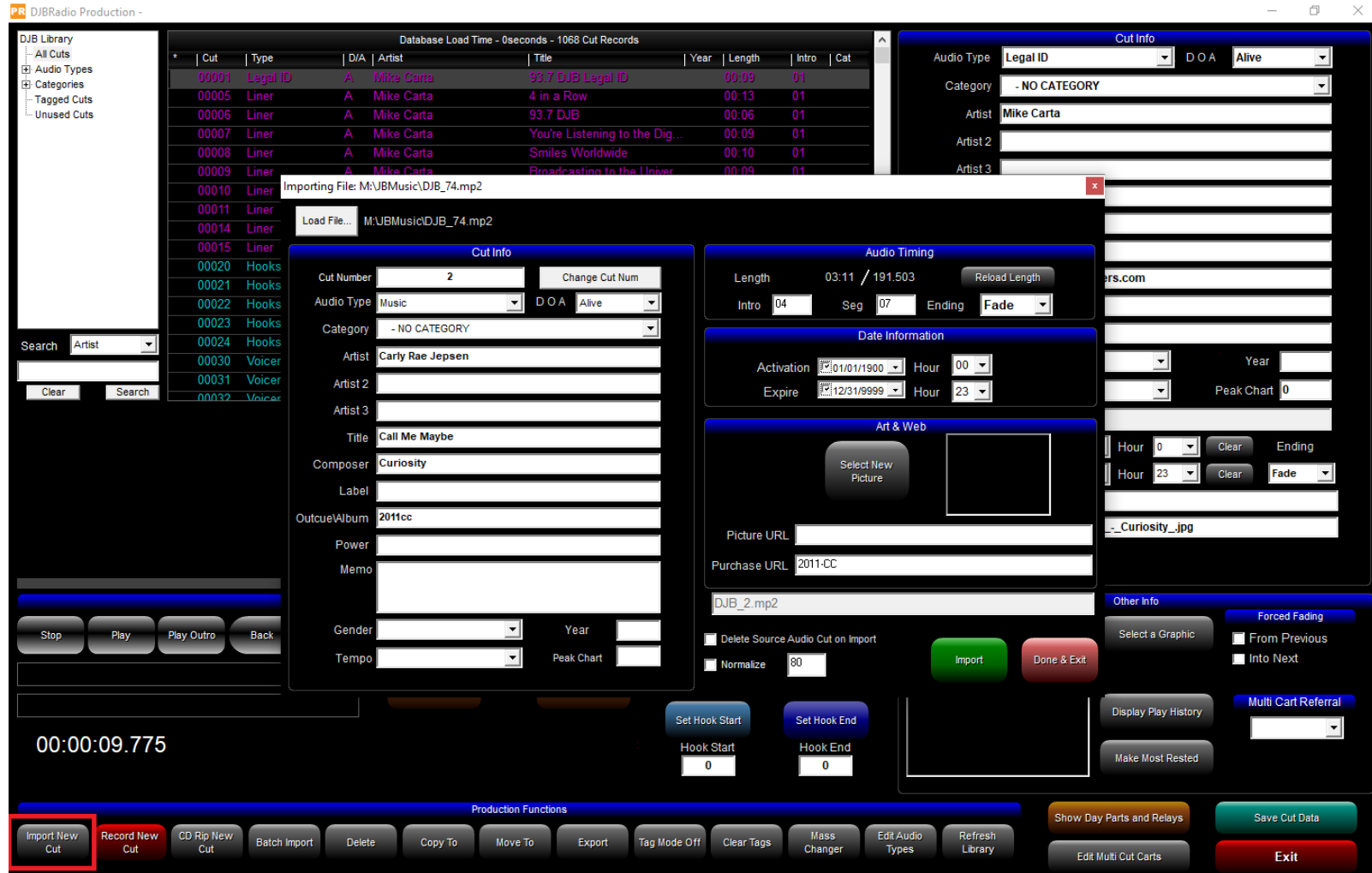
For in-depth details on Batch Importing, see section: [NEW Cut Buttons](#)



Above illustration reflects Batch Import Mode - adding multiple audio cuts to database at one time.

Single Audio Cut Importing

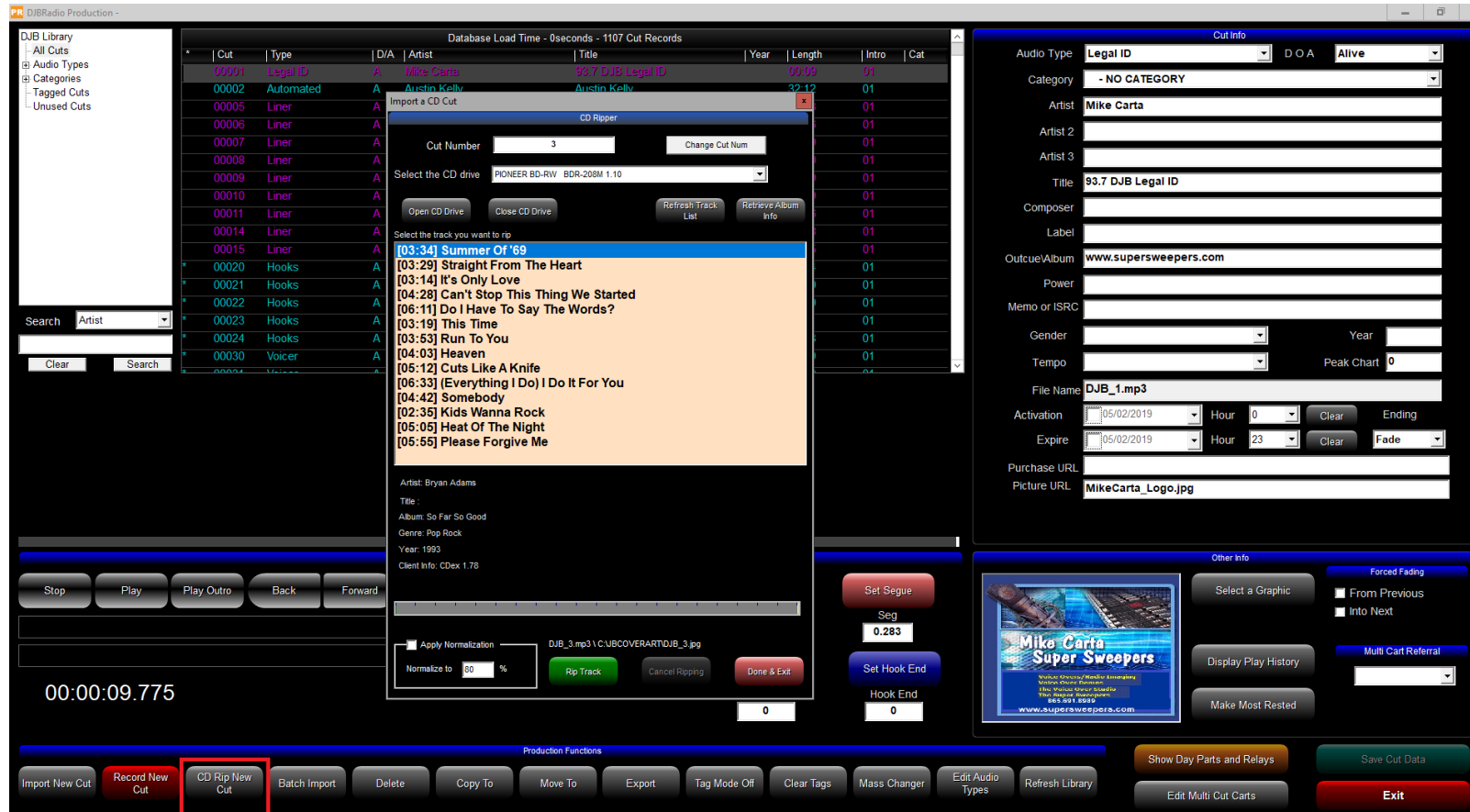
For in-depth details on Importing Audio Cuts, see section: [NEW Cut Buttons](#)



Above illustration reflects Single Cut Import Mode - adding a single audio cut to the database.
You can also Import and Overwrite an existing cut, see section: [REPLACE Cut Buttons](#)

CD Ripping

For in-depth details on Audio Cuts CD Ripping, see section: [NEW Cut Buttons](#)



Above illustration reflects CD Ripper Import Mode - adding audio cuts & Album Art to database
You can also Rip from a CD and Overwrite an existing cut, see section: [REPLACE Cut Buttons](#)

Real time Recording of a new cut

For in-depth details on Recording, see section: [NEW Cut Buttons](#)

The screenshot displays the DJBRadio Production software interface. The top-left pane shows a 'DJB Library' with a tree view of 'All Cuts', 'Audio Types', 'Categories', 'Tagged Cuts', and 'Unused Cuts'. Below it is a search bar with 'Artist' selected. The main pane is a table of cut records with columns for Cut, Type, D/A, Artist, Title, Year, Length, Intro, and Cat. The table is titled 'Database Load Time - 0seconds - 1083 Cut Records'. The bottom-left pane shows a waveform with a vertical line indicating the current position. The bottom-center pane contains 'Cut Functions' with buttons for Stop, Play, Play Outro, Back, Forward, Import File Overwrite, CD Rip Overwrite, Record Overwrite (highlighted with a red box), Set Intro, Set Segue, Digital Editor, Refresh Wave, Set Hook Start, Set Hook End, Hook Start, and Hook End. The bottom-right pane contains 'Production Functions' with buttons for Import New Cut, Record New Cut (highlighted with a red box), CD Rip New Cut, Batch Import, Delete, Copy To, Move To, Export, Tag Mode Off, Clear Tags, Mass Changer, Edit Audio Types, Refresh Library, Show Day Parts and Relays, Save Cut Data, Edit Multi Cut Carts, and Exit. The right-hand pane is a 'Cut Info' form with fields for Audio Type (Legal ID), D O A (Alive), Category (- NO CATEGORY), Artist (Mike Carta), Artist 2, Artist 3, Title (93.7 DJB Legal ID), Composer, Label, Outcue/Album (www.supersweepers.com), Power, Memo or ISRC, Gender, Year, Tempo, Peak Chart (0), File Name (DJB_1.mp3), Activation (04/12/2019), Hour (0), Expire (04/12/2019), Hour (23), Purchase URL, and Picture URL (MikeCarta_Logo.jpg). The bottom-right pane also contains 'Other Info' with buttons for Select a Graphic, Forced Fading (From Previous, Into Next), Multi Cart Referral, Display Play History, Make Most Rested, and a dropdown menu.

Cut	Type	D/A	Artist	Title	Year	Length	Intro	Cat
00001	Legal ID	A	Mike Carta	93.7 DJB Legal ID		00:09	01	
00005	Liner	A	Mike Carta	4 in a Row		00:13	01	
00006	Liner	A	Mike Carta	93.7 DJB		00:06	01	
00007	Liner	A	Mike Carta	You're Listening to the Digital Ju...		00:09	01	
00008	Liner	A	Mike Carta	Smiles Worldwide		00:10	01	
00009	Liner	A	Mike Carta	Broadcasting to the Universe		00:09	01	
00010	Liner	A	Mike Carta	This is 93.7 DJB		00:09	01	
00011	Liner	A	Mike Carta	The DJB Automation System		00:06	01	
00014	Liner	A	Mike Carta	Rewind to the 70's		00:08	01	
00015	Liner	A	Mike Carta	Back to the 80's		00:05	01	
00020	Hooks	A	Hooks	Opener		00:04	01	
00021	Hooks	A	Hooks	And This 1		00:00	01	
00022	Hooks	A	Hooks	And This 2		00:00	01	
00023	Hooks	A	Hooks	And This 3		00:01	01	
00024	Hooks	A	Hooks	Closer		00:03	01	
00030	Voicer	A	Mike Carta	Chicago Intro		00:09	01	
00031	Voicer	A	Mike Carta	Fleetwood Mac Intro		00:09	01	

Above illustration reflects Recording - adding audio cuts from an audio source. You can also Record and Overwrite an existing cut, see section: [REPLACE Cut Buttons](#)

PRO TIP:



3rd Party Editors like Adobe Audition or Audacity can be used to produce DJB compatible audio that can be imported into the DJB Radio database using the import functions discussed above.

See next section that discusses Intro and Segue marks.

Audio Cuts: Intro & Segue Marks

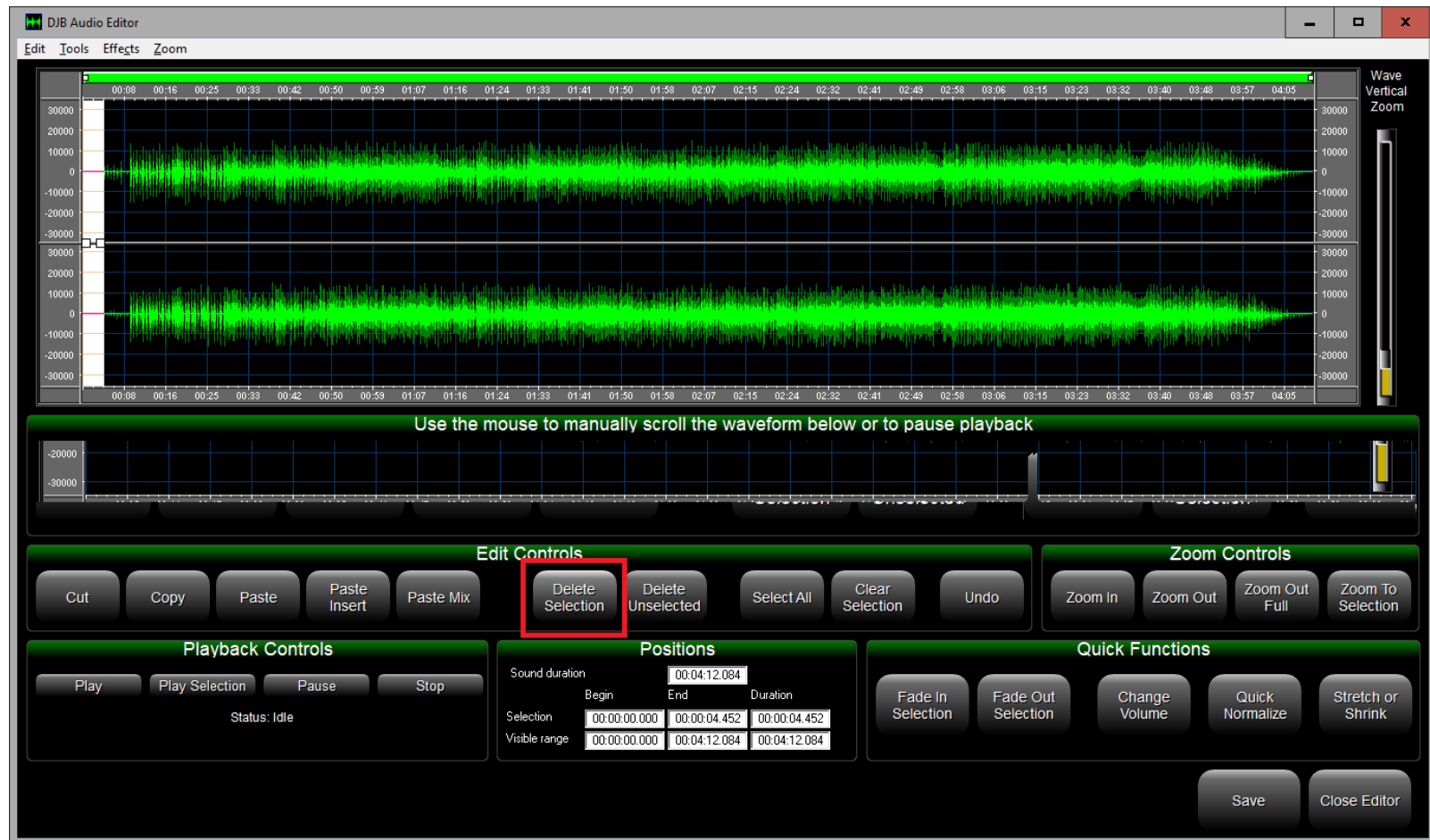
Production screen for setting Intros, Segues, and Cut Info on newly imported audio

The screenshot displays the DJB Radio Production software interface. The main window is titled "DJB Radio Production" and contains several key components:

- Library Panel (Left):** A sidebar with a tree view showing "All Cuts", "Audio Types", "Categories", "Tagged Cuts", and "Unused Cuts". Below it is a search bar with "Artist" selected and a "Search" button.
- Cut List (Center-Top):** A table with columns: Cut, Type, D/A, Artist, Title, Year, Length, Intro, and Cat. The list is sorted by Artist. The selected row is: Cut: 20001, Type: Music, D/A: A, Artist: Bryan Adams, Title: Straight From The Heart, Year: 1993, Length: 03:29, Intro: 01.
- Waveform (Center-Middle):** A visual representation of the audio signal for the selected cut, showing amplitude over time.
- Cut Info Panel (Right):** A form for entering metadata. Fields include: Audio Type (Music), Category (- NO CATEGORY), Artist (Bryan Adams), Title (Straight From The Heart), Outcue/Album (So Far So Good), Year (1993), and File Name (DJB_20001.mp3).
- Cut Functions (Bottom-Middle):** A set of buttons for controlling the audio playback and marking points. The "Set Intro" button is highlighted in green. Other buttons include Stop, Play, Play Outro, Back, Forward, Import File Overwrite, CD Rip Overwrite, Record Overwrite, Digital Editor, Refresh Wave, Set Hook Start, and Set Hook End.
- Production Functions (Bottom):** A row of buttons for general production tasks: Import New Cut, Record New Cut, CD Rip New Cut, Batch Import, Delete, Copy To, Move To, Export, Tag Mode Off, Clear Tags, Mass Changer, Edit Audio Types, Refresh Library, Show Day Parts and Relays, Save Cut Data, Edit Multi Cut Carts, and Exit.

This is the DJB Radio Production window - an imported audio cut is shown. Play the beginning of the cut and use the green "Set Intro" button to mark the intro (musical post or time to vocal). Then click "Play Outro" and click the pink "Set Segue" button to mark where you want to fire the next event. Also complete the metadata in the "Cut Info" area.

Digital Editor for Trimming newly imported audio



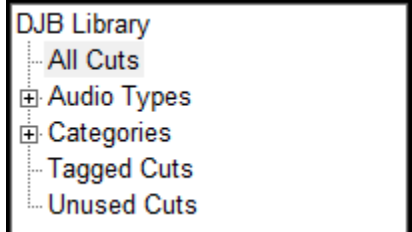
Click the "Digital Editor" button to pull up the built-in audio editor to trim your audio cuts for tight segues. Remove silence by highlighting the space at the beginning of a cut and clicking "Delete Selection" You can repeat the process at the end of the cut and/or add a custom fade.

See next section that illustrates the features found on the main Production Database Editor screen.

[DJB Radio Production window](#)

1

Database Filtering Options

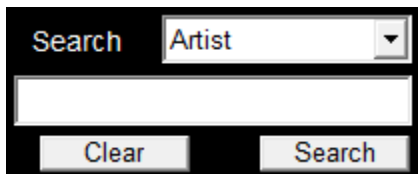


DJB Library
All Cuts
+ Audio Types
+ Categories
Tagged Cuts
Unused Cuts

Click to filter the library by Audio Type, Category, Tagged, or Unused (Available) cuts. Click "All Cuts" to return to the default view.

2

Search Database



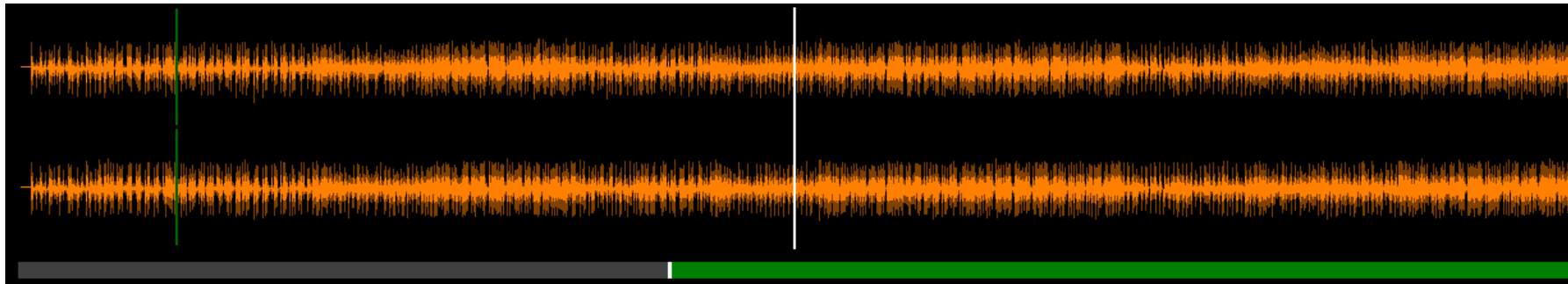
Search Artist

Clear Search

By changing the drop box you can search the library by Artist, Title, Length, Audio Type, Category, or Cut #.

3

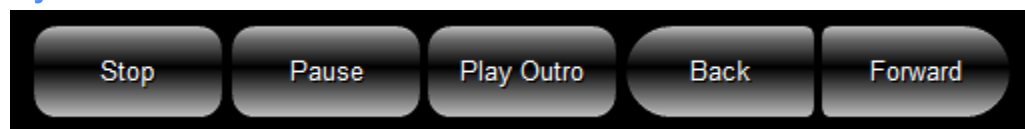
Waveform Area



This shows the waveform of the currently loaded cut. The white line is the current playback location in the waveform. Also this shows the Intro marker (Green line), the Segue marker (Pink Line), and the Hook start (Light Blue) and end (Dark Blue) markers, if set. The green bar at the bottom shows the remaining duration of the cut.

4

Playback Controls



These buttons control the playback of the currently loaded audio cut.
 Play Outro plays the last 25 seconds of a song to allow you to set the Segue.
 Back and Forward jump the playback indicator 5 seconds in the appropriate direction.

5

Playback Levels



These are the playback level meters.

6

Total Cut Length

00:03:31.408

7

Current Position In Cut

00:01:28.903

8

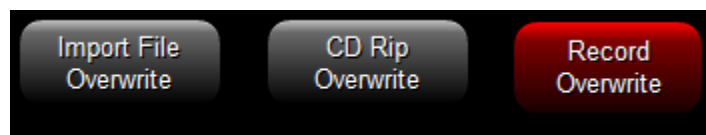
NEW Cut Buttons



These buttons will CREATE A NEW CUT by importing from an audio file, recording from an audio source, or ripping from a CD.
 Batch Import will import a group of audio files and give them sequential cut numbers starting from a number you choose.

9

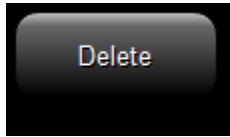
REPLACE Cut Buttons



These buttons will REPLACE AN EXISTING CUT by importing from an audio file, ripping from a CD, or recording from an audio source.

10

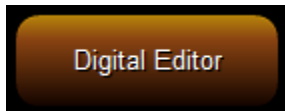
Delete Button



This will permanently DELETE a cut from the database. There is no undo if you say "Yes" to the confirmation dialog.

11

Digital Editor Button



This button opens the built-in digital editor for making edits to the cut.

12

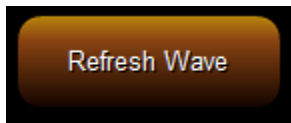
Copy To and Move To Buttons



Copy To: Prompts you for a new number and creates a duplicate of the selected cut leaving you with 2 cuts that are identical except for the cut number.
Move To: Prompts you for a new number and creates a duplicate of the selected cut and then deletes the old number.

13

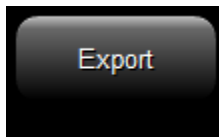
Refresh Wave Button



This button forces a redrawing of the waveform in the Waveform Area

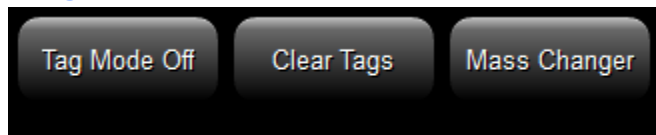
14

Export Button



This button brings up an interface to export the cut to your hard drive and allows you to choose the output file type (WAV, MP3, etc.).

15 Tagging and Mass Change Buttons



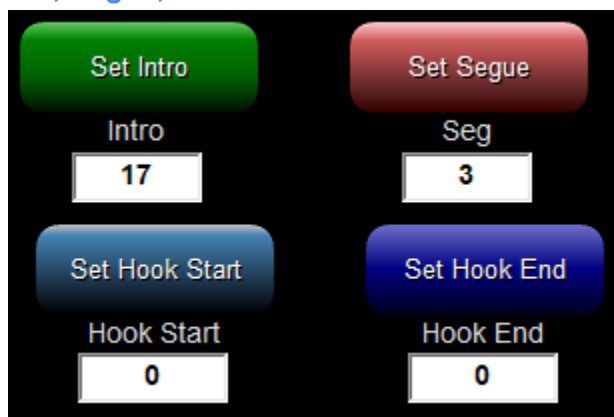
The first button turns Tag Mode On/Off. When on, any cut you click on becomes tagged (indicated by an asterisk "*" in the 1st column)

The second button clears all tags from all cuts in the database.

The Mass Changer button allows you to change every tagged cut at once.

Allowed changes: Category, Active Status, Artist, Audio Type, Segue Time, Gender, Tempo, Dayparts, allows you to mass export files (with or without conversion), and allows mass deletion.

16 Intro, Segue, and Hook Times.



Set Intro places the Intro mark over the current position of the playback indicator in the waveform. This Intro marker serves to let the live on air personality when the vocals begin.

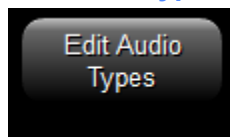
Set segue places the Segue mark over the current position of the playback indicator in the waveform and tells DJB On Air to fire the next cut.

Set Hook Start and End allow you to mark up to 10 seconds of a cut as the "Hook" of the song, usually the most recognizable part.

NOTE: To use the 'PlayHooks' command to build dynamic Hook Promos on the fly, you must first set up the Hook Promo Settings in the DJB Radio On Air Settings program.

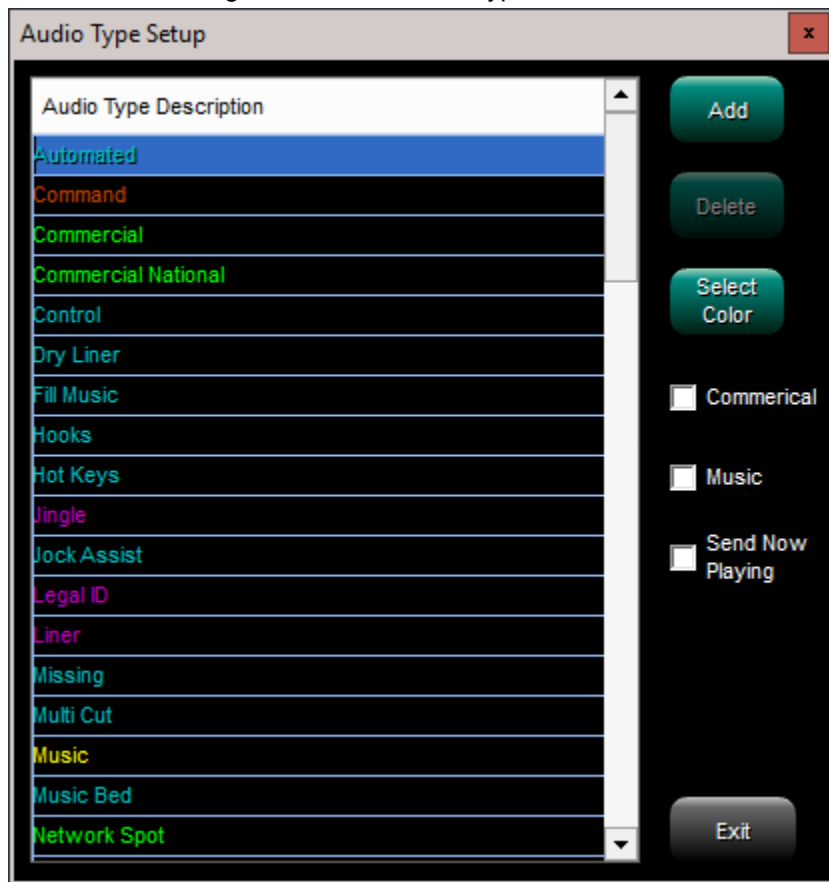
17

Edit Audio Types Button



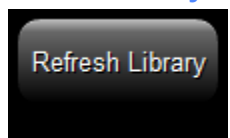
Opens the Edit Audio Types window below.

This allows you to mark which types are commercials, music, and also items you want sent to the Now Playing interface. You can also change the colors of each type and add and delete custom types. You cannot delete the default types.



18

Refresh Library Button



Click this to refresh the library window to see any changes you just made.



The screenshot shows a software interface with a dark background. On the left is a preview window showing a Maroon 5 album cover with the text "MAROON 5" at the top and "IT WON'T BE SOON BEFORE LONG." at the bottom. To the right of the preview are several controls:

- Other Info** (header)
- Select a Graphic** (button)
- Display Play History** (button)
- Make Most Rested** (button)
- Forced Fading** (header) with two checkboxes:
 - From Previous
 - Into Next
- Multi Cart Referral** (header) with a dropdown menu.

Select a Graphic allows you to choose an album art from the JBCoverArt folder for your cut.

Display Play History looks at Scheduled Logs and shows the hours the cut was scheduled.

Make Most Rested sets an audio cut to "Most Rested" status causing it to schedule first in it's category on the next log.

Edit Multi-Cut Carts



Brings up the Multiple Cut Carts window where you can edit the Multi-Cut Carts by adding, deleting and reordering the cuts. You can also put start and end date limits on the individual cuts. Cuts will play in the order shown if the Multi-Cut Cart is scheduled multiple times and the order can be shuffled in DJB Scheduler. After opening Scheduler, click "[Shuffle Audio Categories](#)"

Find

30000	Liners
30001	
30002	
30003	
30004	
30005	
30006	
30007	
30008	
30009	
30010	
30011	
30012	
30013	
30014	
30015	
30016	
30017	

Multiple Cut Cart Name

Save Name

Cart #	Description	Activation	Hr	Expire	Hr
7	Mike Carta - You're Listening to the Digital Jukebox				
5	Mike Carta - 4 in a Row				
10	Mike Carta - This is 93.7 DJB				
9	Mike Carta - Broadcasting to the Universe				
6	Mike Carta - 93.7 DJB				
8	Mike Carta - Smiles Worldwide				
11	Mike Carta - The DJB Automation System				

Add Audio Cut

Save Dates

Remove Audio Cut

Done

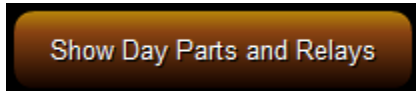
Start Date

End Date

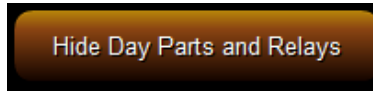
Clear Dates

21

Show Day Parts and Relays



Button changes to hide---->



Swaps the "Other Info" pane with the "Day Parting and Relays" pane. This allows you to specify when a cut is allowed to air if you are using the day parting rules in the built-in scheduler. Also allows you to configure an output relay to fire when the cut is aired.

Day Parting and Relays

Activate Relays On Play

1 2 3 4 5 6 7 8 Ignore Inputs
 9 10 11 12 13 14 15 16 Reset Relays

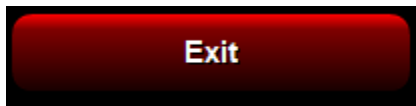
Day Parting

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
M-F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sun	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Play ONLY on these Days											<input checked="" type="checkbox"/> S	<input checked="" type="checkbox"/> M	<input checked="" type="checkbox"/> T	<input checked="" type="checkbox"/> W	<input checked="" type="checkbox"/> T	<input checked="" type="checkbox"/> F	<input checked="" type="checkbox"/> S							

(Click "Hide Day Parts and Relays" to return to the normal "Other Info" pane.)

22

Exit Button



Click here to exit the DJB Radio Production Suite

23

Save Cut Data Button



If you have made any changes to the cut, this button will light up indicating the need to save. Click it to make sure you don't lose your changes.

Cut Info Area

Cut Info	
Audio Type	Music <input type="button" value="D O A"/> Alive
Category	A - HOT AC Pop Currents
Artist	Maroon 5
Artist 2	
Artist 3	
Title	Makes Me Wonder
Composer	Adam Levine, Jesse Carmichael, Mickey Madden
Label	A&M/Octone
Outcue\Album	It Won't Be Soon Before Long
Power	
Memo or ISRC	
Gender	Male Group
Year	2007
Tempo	Fast
Peak Chart	1
File Name	DJB_72.mp2
Activation	05/07/2020 <input type="button" value="Clear"/> Hour 0 Ending
Expire	<input checked="" type="checkbox"/> 12/31/9999 <input type="button" value="Clear"/> Hour 23 Fade
Purchase URL	
Picture URL	220px-Maroon5ItWontBeSoonBeforeLong.jpg

This set of fields contains all of the metadata for the currently selected cut.

Database Column Headers - Sortable

*	Cut	Type	D/A	Artist	Title	Year	Length	Intro	Cat
---	-----	------	-----	--------	-------	------	--------	-------	-----

You can click on these to sort the current view by the column you click on.

26 Tagged Indicator Column



An asterisk "*" in this column indicates the cut has been tagged.

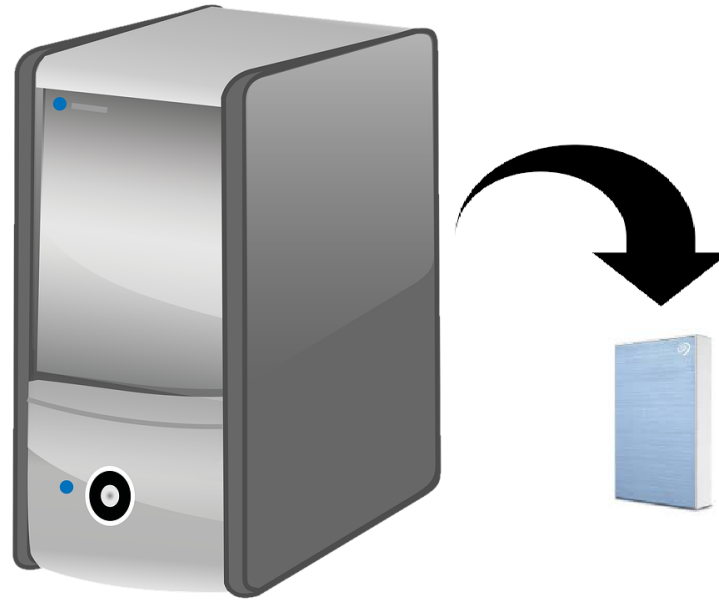
27 Production Database Editor

The screenshot displays the DJBRadio Production software interface. The main window is titled "DJBRadio Production" and shows a library of music cuts sorted by artist. The library table includes columns for Cut, Type, D/A, Artist, Title, Year, Length, Intro, and Cat. An asterisk is visible in the Cut column for the first row. Below the library is a waveform display. The interface also features several control panels: "Cut Functions" with buttons for Stop, Pause, Play Outro, Back, Forward, Import File Overwrite, CD Rip Overwrite, Record Overwrite, Set Intro, Set Segue, Digital Editor, and Refresh Wave; "Production Functions" with buttons for Import New Cut, Record New Cut, CD Rip New Cut, Batch Import, Delete, Copy To, Move To, Export, Tag Mode Off, Clear Tags, Mass Changer, Edit Audio Types, Refresh Library, Show Day Parts and Relays, Edit Multi Cut Carts, Save Cut Data, and Exit; and "Other Info" with a graphic selection area and checkboxes for Forced Fading, From Previous, and Into Next. The "Cut Info" panel on the right shows details for a selected cut, including Audio Type (Music), Category (A - HOT AC Pop Currents), Artist (Maroon 5), Title (Makes Me Wonder), and various metadata fields.

Cut	Type	D/A	Artist	Title	Year	Length	Intro	Cat
* 00065	Music	A	Des'ree	You Gotta Be	1992	03:58	20	A
00066	Music	A	Dire Straights	Money For Nothing	1985	04:03	01	A
00067	Music	A	Donny Osmond	Soilder of Love	1989	03:47	20	A
00068	Music	A	Duncan Sheik	Barely Breathing	1996	03:54	09	A
00069	Music	A	Eurythmics	Sweet Dreams (Are Made Of T...	1983	03:33	08	A
00070	Music	A	Fleetwood Mac	Little Lies	1987	03:33	17	A
00071	Music	A	Michael Buble	Everything	2007	03:29	15	A
00072	Music	A	Maroon 5	Makes Me Wonder	2007	03:31	17	A
00073	Music	A	Roxette	It Must Have Been Love	1990	03:56	13	A
00074	Music	A	Carly Rae Jepsen	Call Me Maybe	2001	03:11	04	A
00075	Music	A	Jordin Sparks	No Air	2007	04:20	00	A
00076	Music	A	Christina Aguilera	Genie In A Bottle	1999	03:38	05	A
00077	Music	A	James Taylor	Carolina in My Mind	1976	03:59	01	
00078	Music	A	Jordin Sparks with intro time	No Air	2007	04:20	14	A
00079	Music	A				00:09	00	
00080	Commercial	A	A & W Root Beer	A & W Root Beer		00:17	01	
00081	Commercial	A	Advertise On Radio Spot	Advertise On Radio Spot		01:01	01	

The Main Production Screen

Backup Your Files



We can't stress this enough, if you don't have backups you risk losing everything and having to start over from scratch with no music, imaging, or commercials.

The best way to backup is with an external USB drive.
Copy the JBData, JBMusic, and JBCoverart (if you have one) to the USB Drive.
You should make notes or take screenshots of the settings in all On Air and Production machines to configure the new machines with the same settings.

You should also schedule regular backups. Best practice is to do multiple backups and keep a backup offsite.

If the studio location takes a lightning hit, an external hard drive kept in a safe somewhere can save months of work.
If you also keep a copy in the studio location, don't leave the external drive connected for lightning reasons.

After a backup, you should browse the external drive and make sure everything is there.

Remember this is your product and the more recent a backup is, the fewer missing files you will have should disaster strike.
Multiple backups give you added security

Other reasons for backup:

Hardware failure: even the best hardware can and will fail eventually.

User error/malfeasance: files can be accidentally deleted and disgruntled employees can make accidents happen.

Backup often.

DJB Radio Production Suite



3 Production, Programming, On Air, and Engineering Boxes

4 Production Box

5 Programming Box

6 On Air Box

7 Engineering Box

8 Exit Button

1

Station Info

2

License Status and Software Version

1

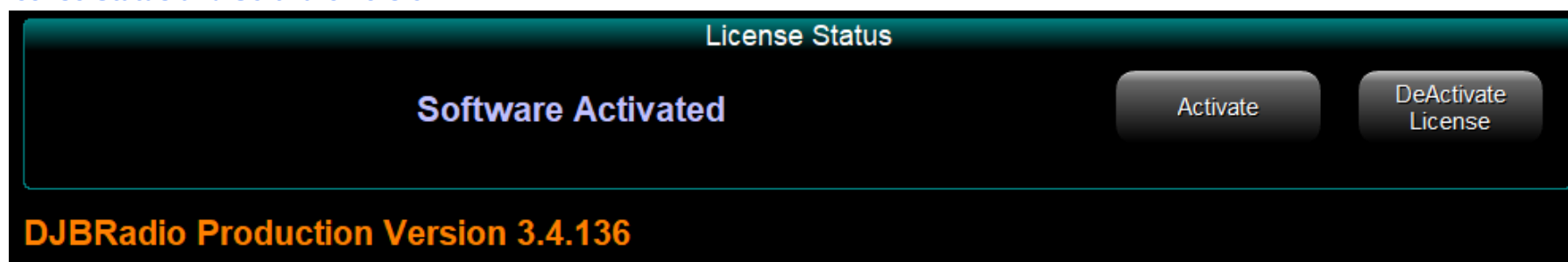
Station Info



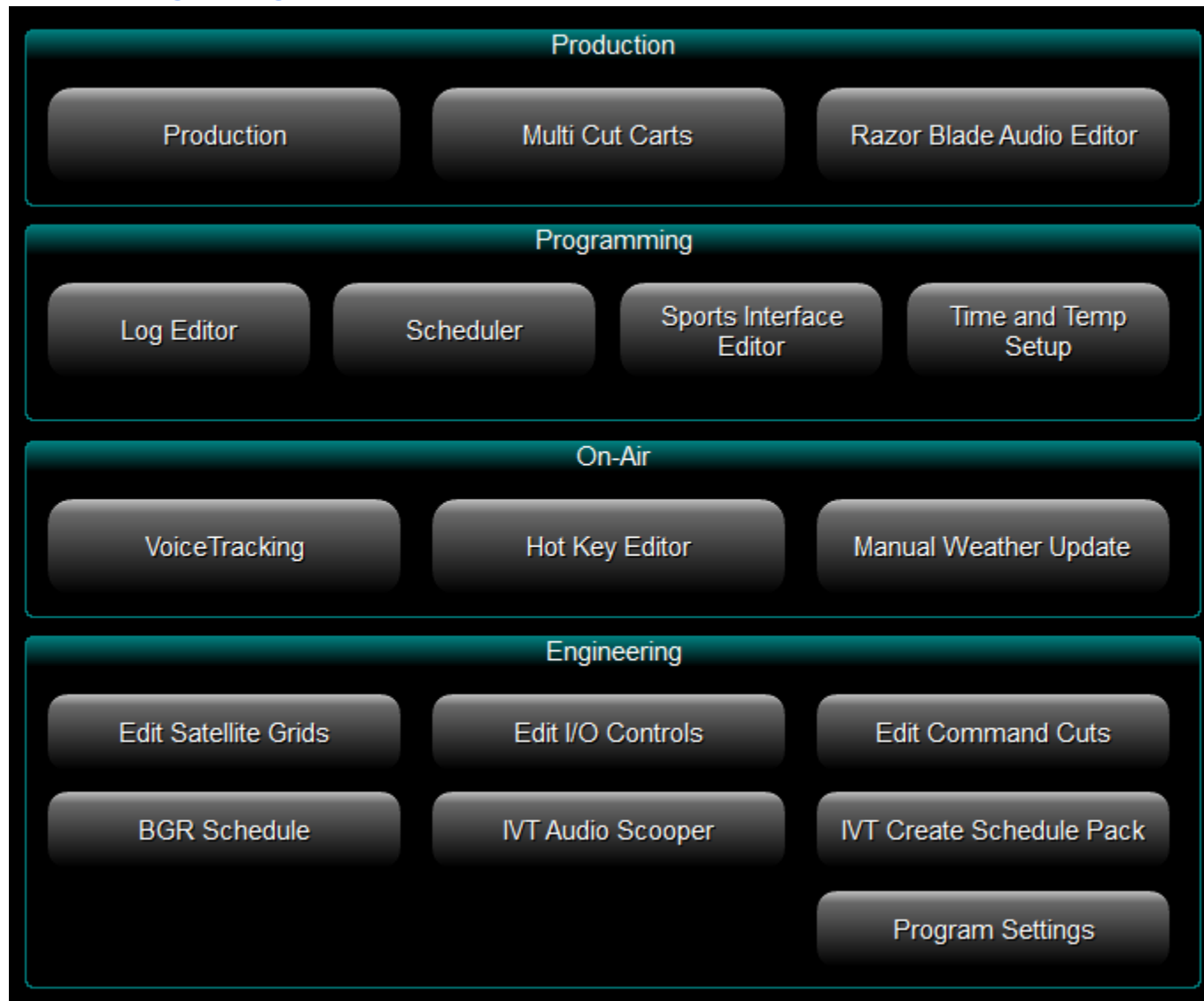
This area shows the station call letters, location, and slogan fields. All of these fields are located in the program settings. You can also configure multiple stations to be used with one Production machine. For multiple stations you will need mapped drives into each station's hard drive where JBData and JBMusic are located. Then you can use the drop down box to choose which of the stations you want to work with.

2

License Status and Software Version

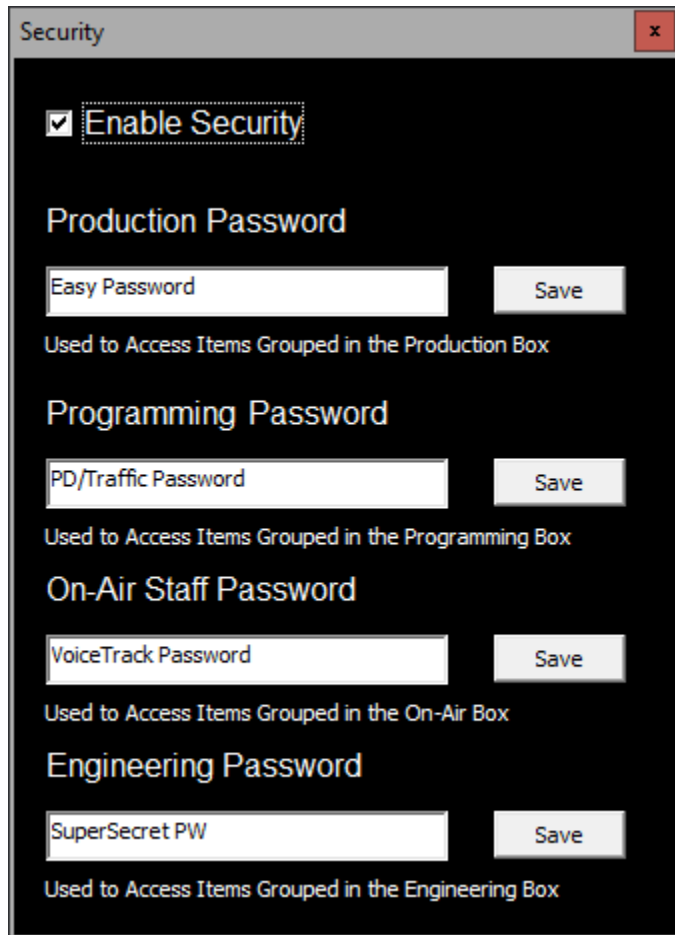


This area shows whether your software is licensed. If you need to move a license from one PC to another, the DeActivate License button allows you to deactivate the license for later activation on another computer. At the bottom, the orange text shows the product name and version number.



These boxes contain the individual functions commonly needed for each group. We will look at each box separately below.

NOTE: Each of these boxes can be password protected to control access to key functions. The passwords are set in DJB Radio Production, under Program Settings, then Security Set Up. You can set any of the four Box passwords and check the "Enable Security" checkbox to activate.

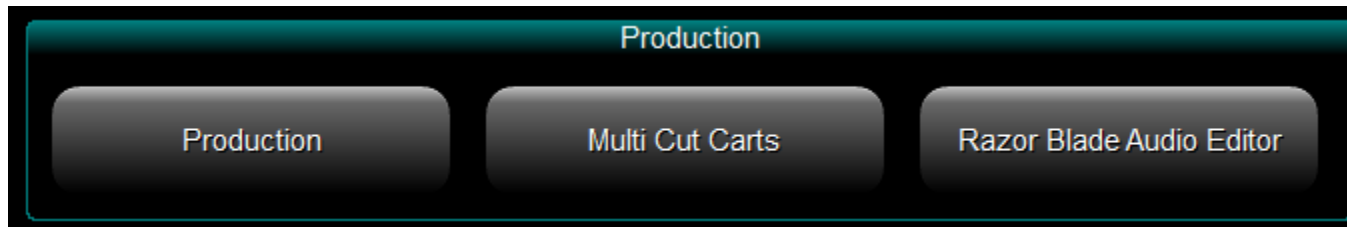


The screenshot shows a window titled "Security" with a close button (x) in the top right corner. The window has a black background with white text. At the top left, there is a checked checkbox labeled "Enable Security". Below this, there are four sections, each with a title, a text input field, and a "Save" button:

- Production Password**: The input field contains "Easy Password". Below it, the text reads "Used to Access Items Grouped in the Production Box".
- Programming Password**: The input field contains "PD/Traffic Password". Below it, the text reads "Used to Access Items Grouped in the Programming Box".
- On-Air Staff Password**: The input field contains "VoiceTrack Password". Below it, the text reads "Used to Access Items Grouped in the On-Air Box".
- Engineering Password**: The input field contains "SuperSecret PW". Below it, the text reads "Used to Access Items Grouped in the Engineering Box".

4

Production Box



This box contains item used by producers:

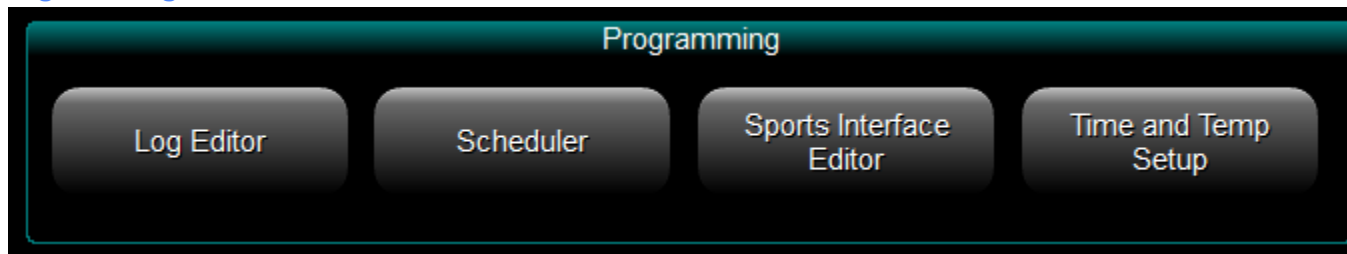
Production: This is the main Database Editor.

Multi-Cut Carts: This allows creating and editing of Multi-Cut Carts.

Razor Blade Audio Editor: DJB Radio's built-in digital editor.

5

Programming Box



This box contains items used by schedulers (Program Directors, Traffic Managers, etc.):

Log Editor: This can view an existing log, even today's log and make changes.

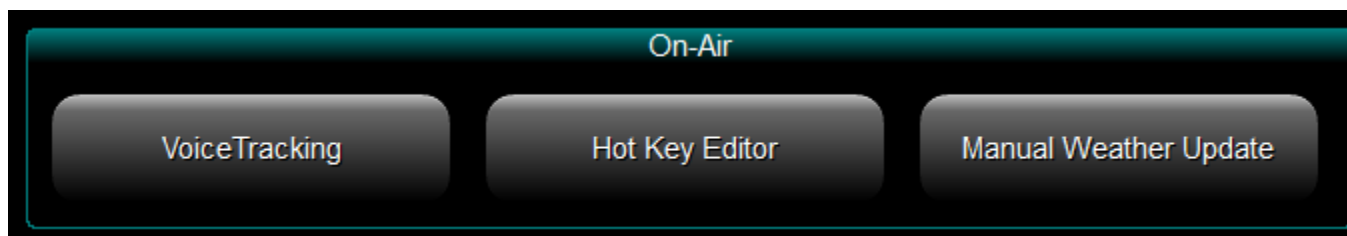
Scheduler: This has an entire suite of functions for creating shells, generating logs, and running reports.

Sports Interface Editor: This is used to setup game clocks in the Sports Interface.

Time and Temp Setup: This allows you to record and schedule voices to announce the time and temperature automatically.

6

On Air Box



This box contains items typically used by on air staff:

VoiceTracking: This allows on air staff to insert voicetracks or record (or rerecord) already scheduled voicetracks.

Hot Key Editor: This allows editing of the buttons on the On Air Hotkeys pane. Each personality can have their own pages of Hot Keys.

Manual Weather Updater: This allows editing of the text in the On Air's weather pane.

Bear in mind when the DJB Weather Updater sends its hourly update it will overwrite this information.

7

Engineering Box



This box contains sensitive functions usually reserved for Engineers or Operations Managers:

Edit Satellite Grid: This is where you set which satellite I/O control set to use by day and hour.

Edit I/O Controls: This is where you can create up to 99 different satellite shows.

Edit Command Cuts: This is where you can find, create and edit command cuts that can be placed in the schedule or added manually.

BGR Schedule: This is where you create Back Ground Recording (BGR) schedules and activate or deactivate this feature in general.

IVT Audio Scooper: This "scoops" the intros/outros of your audio library for us in Internet VoiceTracking (IVT).

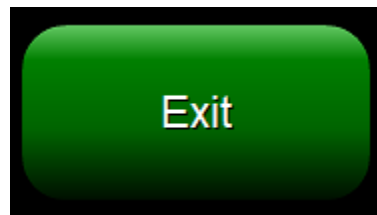
IVT Create Schedule Pack: Also for IVT, this creates a zipped file of schedules from the JBDData\Schedules folder and makes it available for IVT use.

Program Settings: This is where the station settings are changed.

All of the features above will be explained in more detail in the following sections.

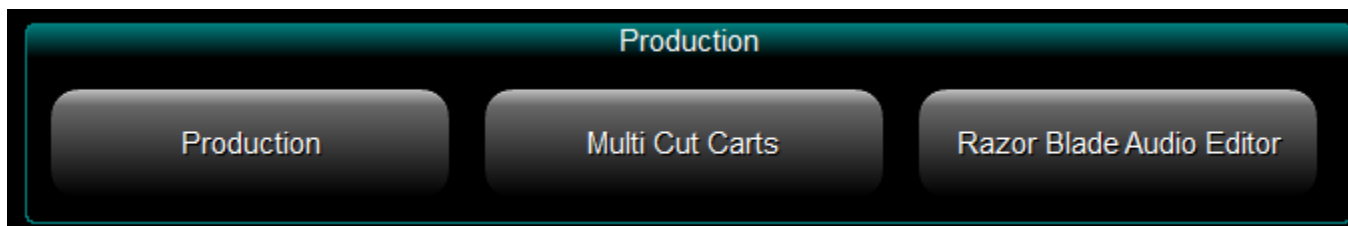
8

Exit Button



Click this to exit the Production Suite

Production Box



Click one of the links below, or click the picture above to return to the main DJB Radio Production Suite page.

Production
Multi-Cut Carts
Razor Blade Audio Editor

Production - Database Editor

The screenshot shows the 'Production Database Editor' interface. At the top, there are three main areas: 'Tagged Indicator Column' (26), 'Database Column Headers - Sortable' (25), and 'Cut Info Area' (24). The main window is titled 'DJB Radio Production' and contains a table of music cuts, a waveform area (3), and several control panels.

Database Table (Sorted by Artist):

Cut	Type	D/A	Artist	Title	Year	Length	Intro	Cat
00065	Music	A	Des'ree	You Gotta Be	1992	03:58	20	A
00066	Music	A	Dire Straights	Money For Nothing	1985	04:03	01	A
00067	Music	A	Donny Osmond	Solder of Love	1989	03:47	20	A
00068	Music	A	Duncan Sheik	Barely Breathing	1996	03:54	09	A
00069	Music	A	Eurythmics	Sweet Dreams (Are Made Of T...	1983	03:33	08	A
00070	Music	A	Fleetwood Mac	Little Lies	1987	03:33	17	A
00071	Music	A	Michael Buble	Everything	2007	03:29	15	A
00072	Music	A	Maroon 5	Makes Me Wonder	2007	03:31	17	A
00073	Music	A	Roxette	It Must Have Been Love	1990	03:56	13	A
00074	Music	A	Carly Rae Jepsen	Call Me Maybe	2001	03:11	04	A
00075	Music	A	Jordin Sparks	No Air	2007	04:20	00	A
00076	Music	A	Christina Aguilera	Genie In A Bottle	1999	03:38	05	A
00077	Music	A	James Taylor	Carolina in My Mind	1976	03:59	01	A
00078	Music	A	Jordin Sparks with intro time	No Air	2007	04:20	14	A
00079	Music	A				00:09	00	
00080	Commercial	A	A & W Root Beer	A & W Root Beer		00:17	01	
00081	Commercial	A	Advertise On Radio Spot	Advertise On Radio Spot		01:01	01	

Search Database: Search Artist [] Clear Search

Waveform Area: Visual representation of the audio signal.

Playback Controls: Stop, Pause, Play Outro, Back, Forward, Import File Overwrite, CD Rip Overwrite, Record Overwrite, Set Intro (Intro: 17), Set Segue (Seg: 3), Digital Editor, Refresh Wave, Set Hook Start (Hook Start: 0), Set Hook End (Hook End: 0).

Production Functions: Import New Cut, Record New Cut, CD Rip New Cut, Batch Import, Delete, Copy To, Move To, Export, Tag Mode Off, Clear Tags, Mass Changer, Edit Audio Types, Refresh Library, Show Day Parts and Relays, Save Cut Data, Exit.

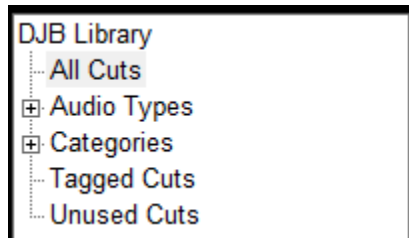
Cut Info Area: Audio Type: Music, D O A, Alive; Category: A - HOT AC Pop Currents; Artist: Maroon 5; Title: Makes Me Wonder; Composer: Adam Levine, Jesse Carmichael, Mickey Madden; Label: A&M/Octone; Outcue/Album: It Won't Be Soon Before Long; File Name: DJB_72.mp2; Activation: 05/07/2020; Expire: 12/31/9999; Purchase URL; Picture URL: 220px-Maroon5ItWontBeSoonBeforeLong.jpg.

Other Info: Select a Graphic, Forced Fading (From Previous, Into Next), Multi Cart Referral, Display Play History, Make Most Rested.

Callouts: 1 Database Filtering Options, 2 Search Database, 3 Waveform Area, 4 Playback Controls, 5 Playback Levels, 6 Cut Total Length (00:03:31.408, 00:01:28.903), 7 Current Position In Cut, 8 NEW Cut Buttons, 9 REPLACE Cut Buttons, 10 Delete Button, 11 Digital Editor Button, 12 Copy To and Move To Buttons, 13 Refresh Wave Button, 14 Export Button, 15 Tagging and Mass Change Buttons, 16 Intro, Segue, and Hook Times, 17 Edit Audio Types Button, 18 Refresh Library Button, 19 Album Art and Other Info, 20 Edit Multi-Cut Carts, 21 Show Day Parts and Relays, 22 Exit Button, 23 Save Cut Data Button, 24 Cut Info Area, 25 Database Column Headers - Sortable, 26 Tagged Indicator Column.

1

Database Filtering Options



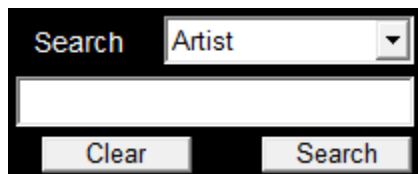
Click to filter the library by Audio Type, Category, Tagged, or Unused (Available) cuts.

To filter by Audio Types and Categories, click the + on the left to expand the lists, and then choose from the list by clicking on the item.

Click "All Cuts" to return to the default view.

2

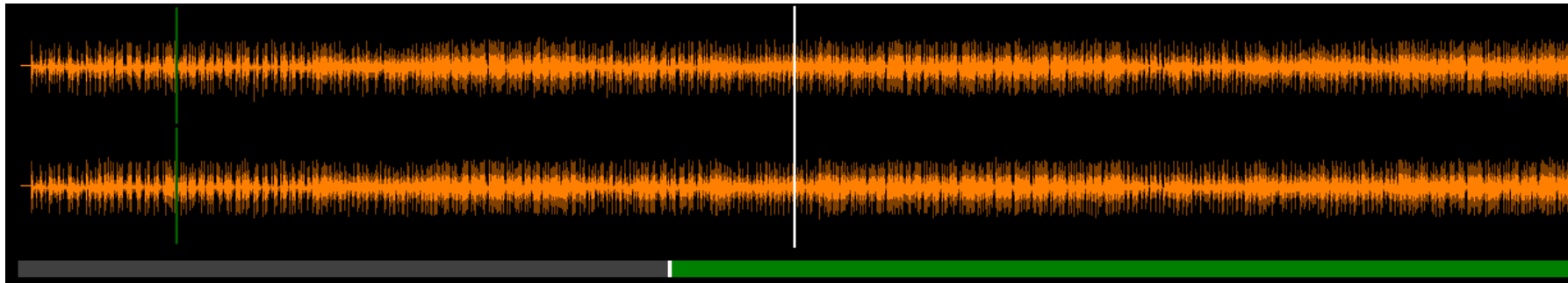
Search Database



By changing the drop box you can search the library by Artist, Title, Length, Audio Type, Category, or Cut #.

3

Waveform Area



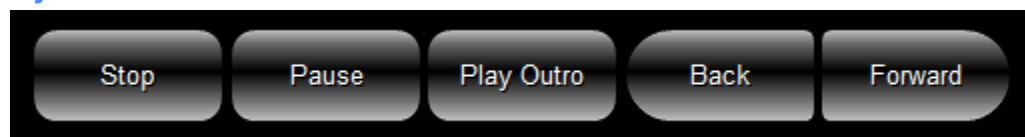
This shows the waveform of the currently loaded cut. The white line is the current playback location in the waveform.

Also this shows the Intro marker (Green line), the Segue marker (Pink Line), and the Hook start (Light Blue) and end (Dark Blue) markers, if set.

The green bar at the bottom shows the remaining duration of the cut.

4

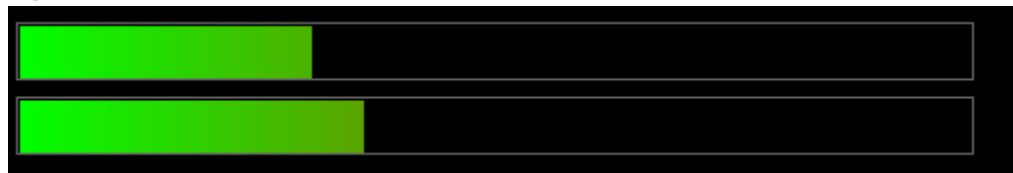
Playback Controls



These buttons control the playback of the currently loaded audio cut.
 Play Outro plays the last 25 seconds of a song to allow you to set the Segue.
 Back and Forward jump the playback indicator 5 seconds in the appropriate direction.

5

Playback Levels



These are the playback level meters.

6

Cut Total Length

00:03:31.408

7

Current Position In Cut

00:01:28:903

8

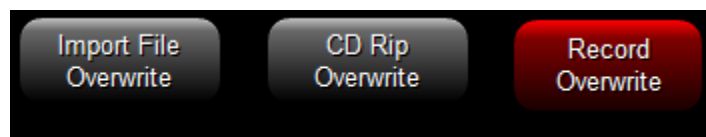
NEW Cut Buttons



These buttons will CREATE A NEW CUT by importing from an audio file, recording from an audio source, or ripping from a CD.
 Batch Import will import a group of audio files and give them sequential cut numbers starting from a number you choose.

9

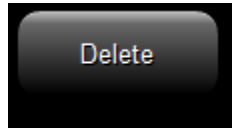
REPLACE Cut Buttons



These buttons will REPLACE AN EXISTING CUT by importing from an audio file, ripping from a CD, or recording from an audio source.

10

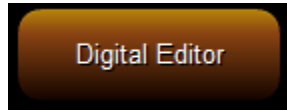
Delete Button



This will permanently DELETE a cut from the database. There is no undo if you say "Yes" to the confirmation dialog.

11

Digital Editor Button



This button opens the built-in digital editor for making edits to the cut. Read about the [DJB Digital Editor HERE](#).

12

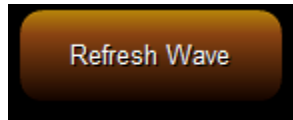
Copy To and Move To Buttons



Copy To: Prompts you for a new number and creates a duplicate of the selected cut leaving you with 2 cuts that are identical except for the cut number.
Move To: Prompts you for a new number and creates a duplicate of the selected cut and then deletes the old number.

13

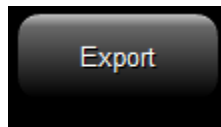
Refresh Wave Button



This button forces a re-drawing of the waveform in the Waveform Area

14

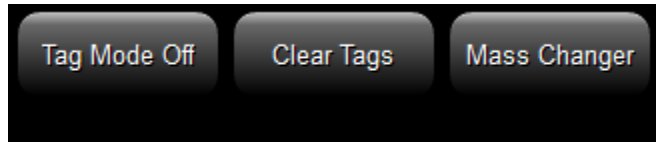
Export Button



This button brings up an interface to export the cut to your hard drive and allows you to choose the output file type (WAV, MP3, etc.).

15

Tagging and Mass Change Buttons



The first button turns Tag Mode On/Off. When on, any cut you click on becomes tagged (indicated by an asterisk "*" in the 1st column)

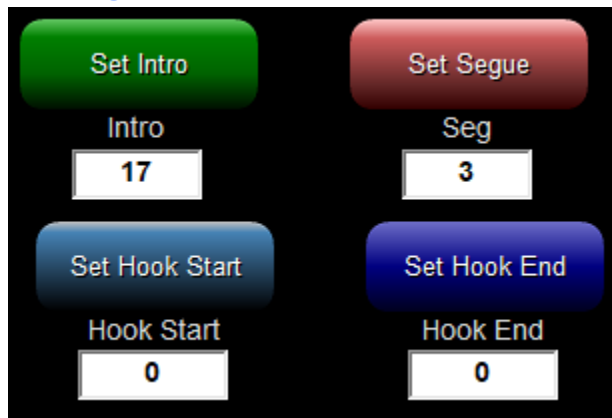
The second button clears all tags from all cuts in the database.

The Mass Changer button allows you to change every tagged cut at once.

Allowed changes: Category, Active Status, Artist, Audio Type, Segue Time, Gender, Tempo, Dayparts, allows you to mass Export files (with or without conversion), and allows mass Deletion.

16

Intro, Segue, and Hook Times.



Set Intro places the Intro mark over the current position of the playback indicator in the waveform.

This Intro marker serves to let the live on air personality when the vocals begin.

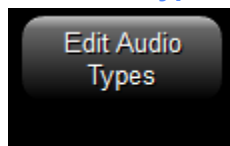
Set segue places the Segue mark over the current position of the playback indicator in the waveform and tells DJB On Air to fire the next cut.

Set Hook Start and End allow you to mark up to 10 seconds of a cut as the "Hook" of the song, usually the most recognizable part.

The PlayHooks command makes use of this to build dynamic Hook Promos on the fly.

You must first set up the Hook Promo Settings in the DJB Radio On Air Settings program.

Edit Audio Types Button

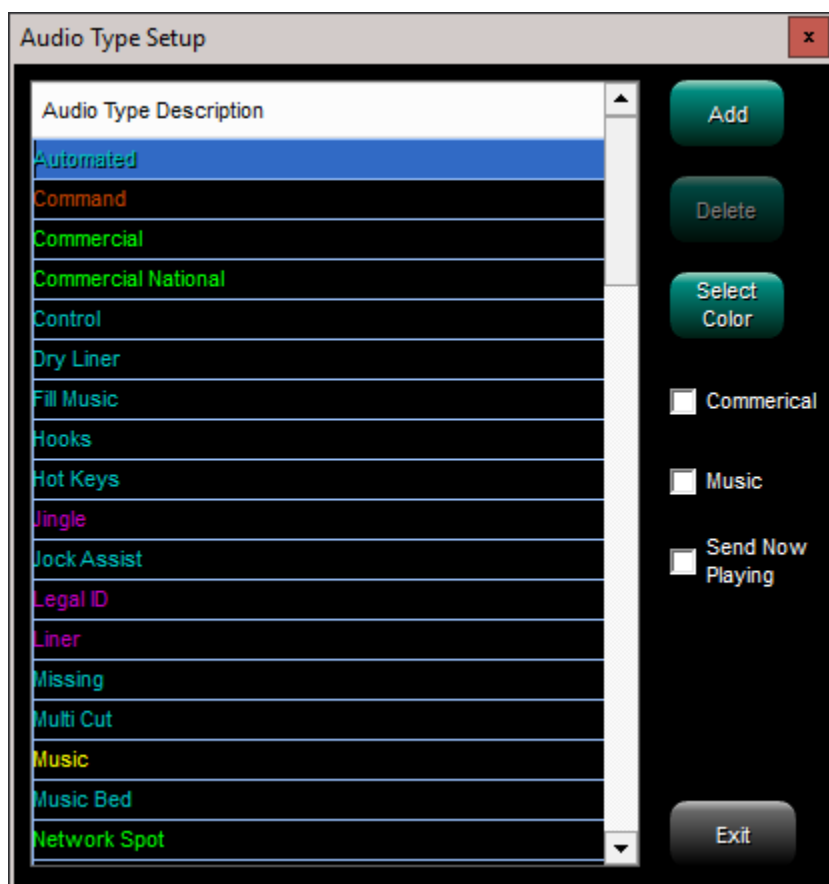


Opens the Edit Audio Types window below.

This allows you to mark which types are commercials, music, and also items you want sent to the Now Playing interface. You can also change the colors of each type and add and delete custom types. You cannot delete the default types.

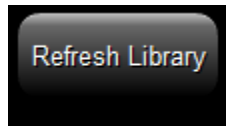
If the Music type is not correctly configured, the artist and title info will not be sent for Now Playing or RDS, and [Music Reports](#) will not correctly list the spins.

If the Commercial type is not correctly configured, the [Spot Reports](#) will not correctly report the commercials.



18

Refresh Library Button



Click this to refresh the library window to see any changes you just made.

19

Album Art and Other Info



Select a Graphic allows you to choose an album art from the JBCoverArt folder for your cut.

Display Play History looks at Scheduled Logs and shows the hours the cut was scheduled.

Make Most Rested sets an audio cut to "Most Rested" status causing it to schedule first in it's category on the next log.

Edit Multi-Cut Carts

Edit Multi Cut Carts

Brings up the Multiple Cut Carts window where you can edit the Multi-Cut Carts by adding, deleting and reordering the cuts. You can also put start and end date limits on the individual cuts.

Cuts will play in the order shown if the Multi-Cut Cart is scheduled multiple times and the order can be shuffled in DJB Scheduler.

After opening Scheduler, click "[Shuffle Audio Categories](#)"

Multiple Cut Carts
x

Find

30000 Liners

30001

30002

30003

30004

30005

30006

30007

30008

30009

30010

30011

30012

30013

30014

30015

30016

30017

Multiple Cut Cart Name

Save Name

Cart #	Description	Activation	Hr	Expire	Hr
7	Mike Carta - You're Listening to the Digital Jukebox				
5	Mike Carta - 4 in a Row				
10	Mike Carta - This is 93.7 DJB				
9	Mike Carta - Broadcasting to the Universe				
6	Mike Carta - 93.7 DJB				
8	Mike Carta - Smiles Worldwide				
11	Mike Carta - The DJB Automation System				

Cut Number

Description

Save Dates
Save Dates

Remove Audio Cut
Remove Audio Cut

Done
Done

Add Audio Cut
Add Audio Cut

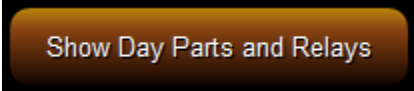
Start Date

End Date

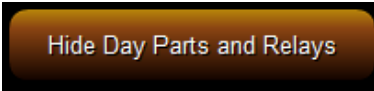
Clear Dates
Clear Dates

21

Show Day Parts and Relays



Button changes to hide---->



Swaps the "Other Info" pane with the "Day Parting and Relays" pane that shows which days and day parts the cut is allowed to play in, if you are using the day parting rules. Also allows you to configure an output relay to fire when the cut is aired. Click "Hide Day Parts and Relays" to return to the normal "Other Info" pane.

Day Parting and Relays

Activate Relays On Play

1 2 3 4 5 6 7 8 Ignore Inputs

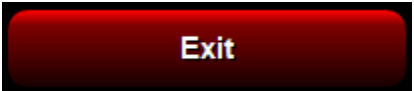
9 10 11 12 13 14 15 16 Reset Relays

Day Parting

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
M-F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sun	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Play ONLY on these Days											<input checked="" type="checkbox"/> S	<input checked="" type="checkbox"/> M	<input checked="" type="checkbox"/> T	<input checked="" type="checkbox"/> W	<input checked="" type="checkbox"/> T	<input checked="" type="checkbox"/> F	<input checked="" type="checkbox"/> S							

22

Exit Button



Click here to exit the DJB Radio Production Suite

23

Save Cut Data Button



If you have made any changes to the cut, this button will light up indicating the need to save. Click it to make sure you don't lose your changes.

Cut Info	
Audio Type	Music <input type="text"/> D O A Alive <input type="text"/>
Category	A - HOT AC Pop Currents <input type="text"/>
Artist	Maroon 5 <input type="text"/>
Artist 2	<input type="text"/>
Artist 3	<input type="text"/>
Title	Makes Me Wonder <input type="text"/>
Composer	Adam Levine, Jesse Carmichael, Mickey Madden <input type="text"/>
Label	A&M/Octone <input type="text"/>
Outcue\Album	It Won't Be Soon Before Long <input type="text"/>
Power	<input type="text"/>
Memo or ISRC	<input type="text"/>
Gender	Male Group <input type="text"/> Year 2007 <input type="text"/>
Tempo	Fast <input type="text"/> Peak Chart 1 <input type="text"/>
File Name	DJB_72.mp2 <input type="text"/>
Activation	<input type="text"/> 05/07/2020 <input type="text"/> Clear Hour 0 <input type="text"/> Ending <input type="text"/>
Expire	<input checked="" type="checkbox"/> 12/31/9999 <input type="text"/> Clear Hour 23 <input type="text"/> Fade <input type="text"/>
Purchase URL	<input type="text"/>
Picture URL	220px-Maroon5ItWontBeSoonBeforeLong.jpg <input type="text"/>

This set of fields contains all of the metadata for the currently selected cut.
 The Activation and Expire dates can be used to prevent a cut from airing outside of a contracted period.

It should be noted that the Hours 0 and 23 are defaults. If you set them both to 0, the cut will only schedule in the midnight hour.

25

Database Column Headers - Sortable

* Cut	Type	D/A	Artist	Title	Year	Length	Intro	Cat
---------	------	-----	--------	-------	------	--------	-------	-----

You can click on these to sort the current view by the column you click on.

26

Tagged Indicator Column



An asterisk "*" in this column indicates the cut has been tagged.

27

Production Database Editor

The screenshot shows the DJBRadio Production software interface. At the top, a table lists music cuts with columns for Cut, Type, D/A, Artist, Title, Year, Length, Intro, and Cat. The table is sorted by Artist. Below the table is a search bar and a waveform display. The bottom section contains several control panels: 'Cut Functions' with buttons for Stop, Pause, Play Outro, Back, Forward, Import File Overwrite, CD Rip Overwrite, Record Overwrite, Set Intro, Set Segue, Digital Editor, Refresh Wave, Set Hook Start, and Set Hook End; 'Production Functions' with buttons for Import New Cut, Record New Cut, CD Rip New Cut, Batch Import, Delete, Copy To, Move To, Export, Tag Mode Off, Clear Tags, Mass Changer, Edit Audio Types, Refresh Library, Show Day Parts and Relays, Edit Multi Cut Carts, Save Cut Data, and Exit; and 'Other Info' with a graphic selection area, Forced Fading options, Multi Cart Referral, and Make Most Rested.

The Main Production Screen

NEW Cut Buttons



1

Import New Cut Button

3

CD Rip New Cut Button

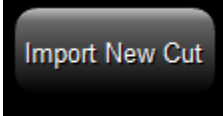
2

Record New Cut Button

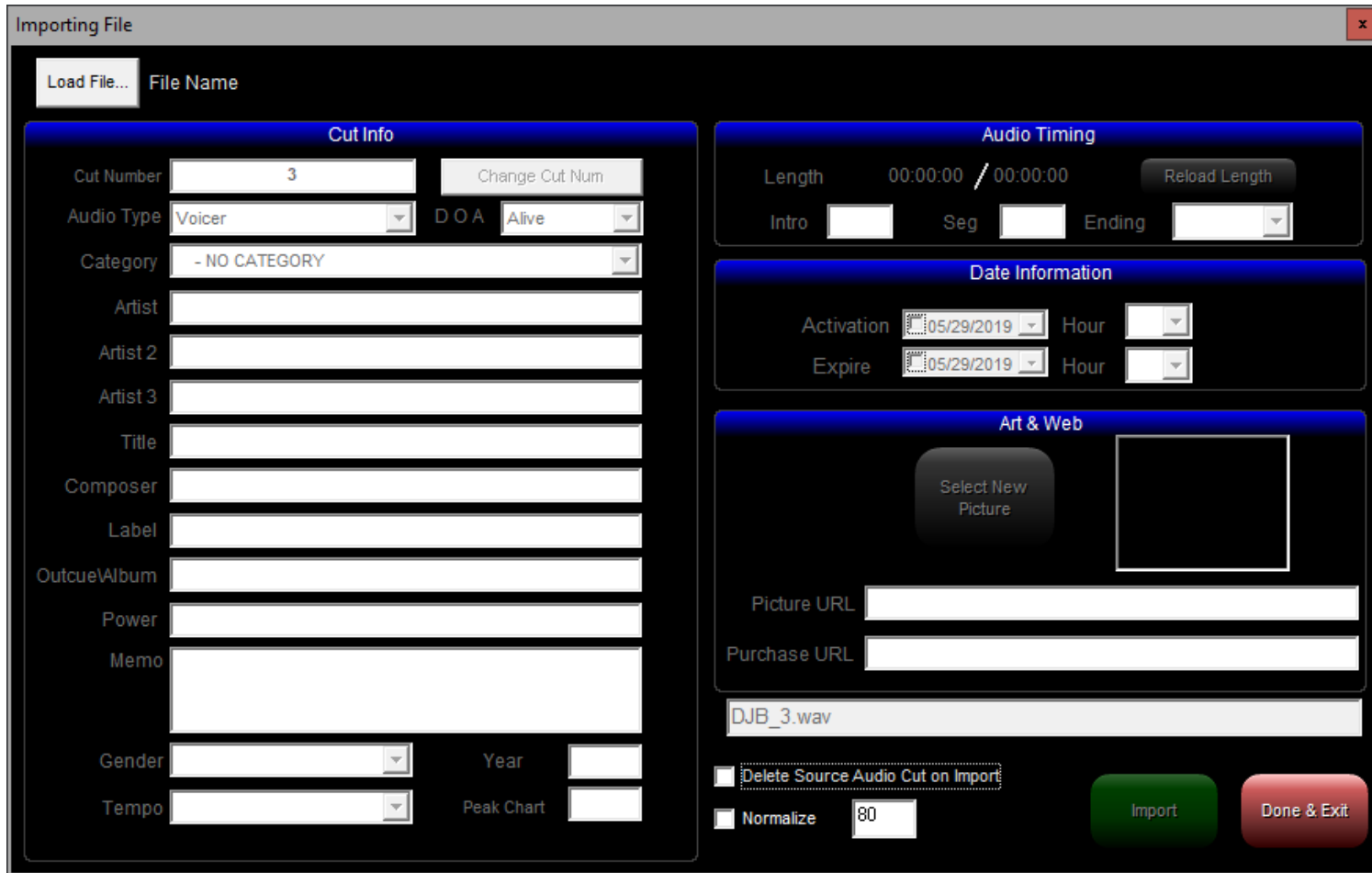
4

Batch Import Button

1 Import New Cut Button



1. Click this button to begin the process of importing a single existing cut from a local or mapped network hard drive.

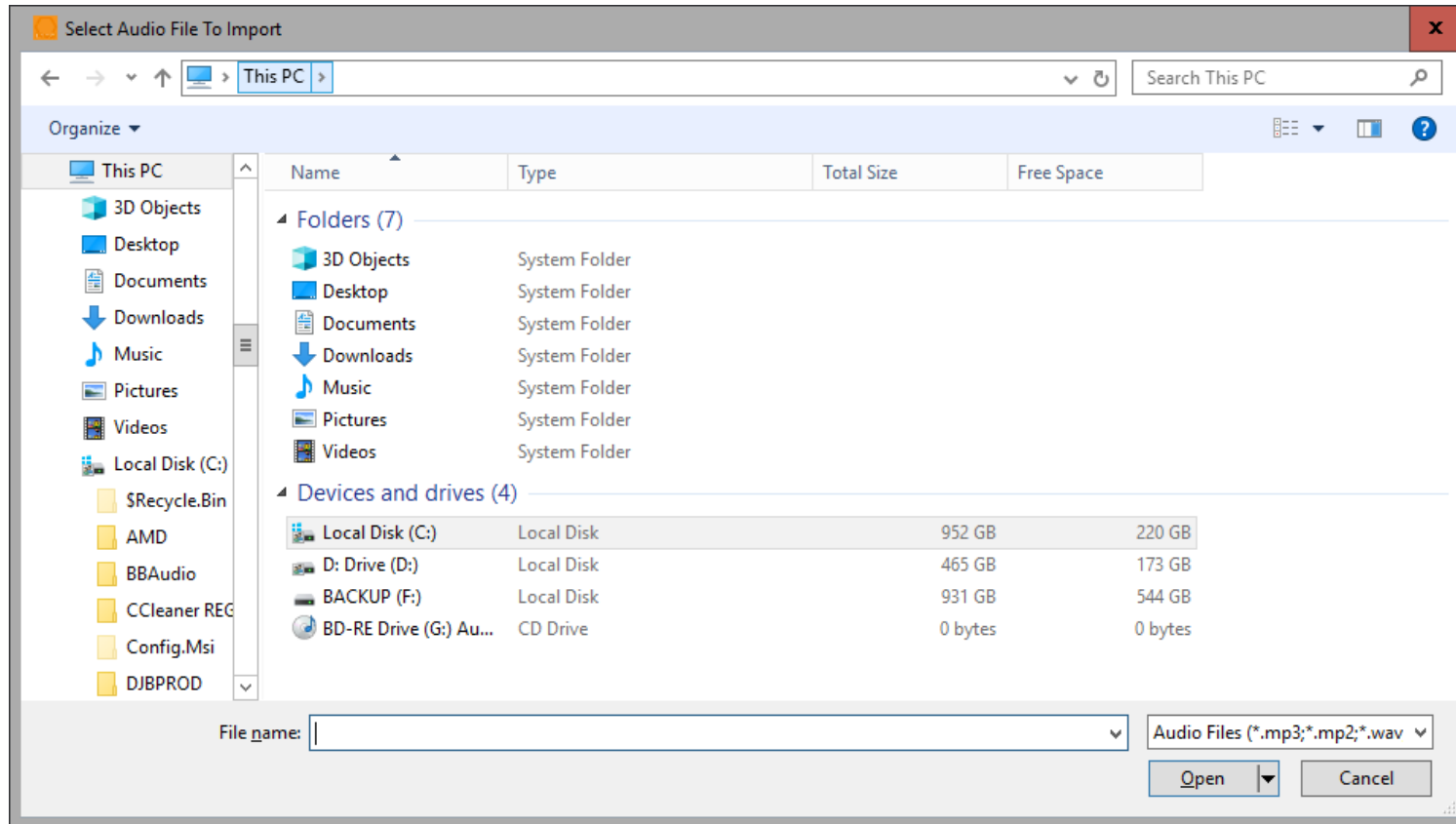


The "Importing File" dialog box is divided into several sections:

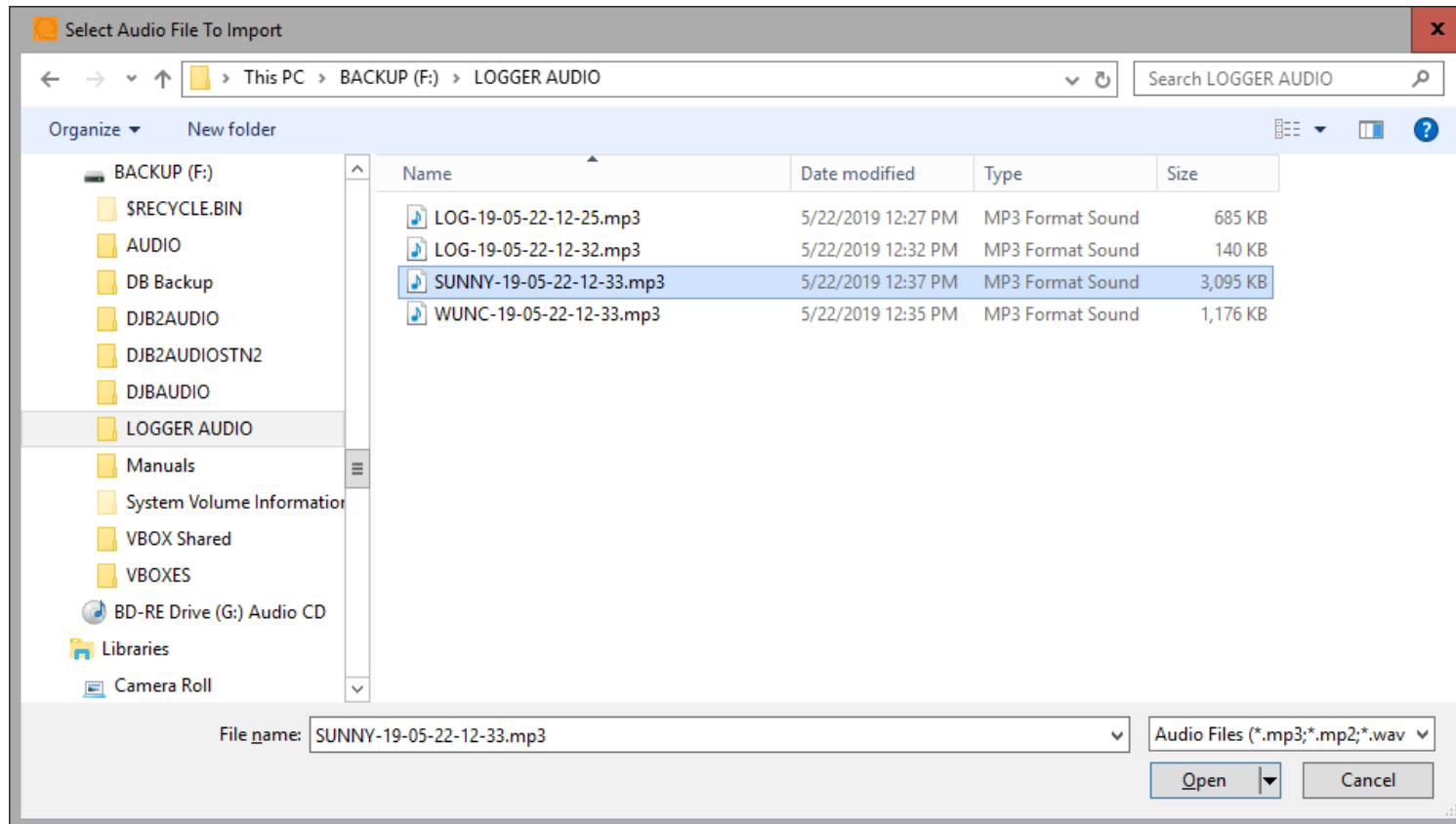
- File Name:** Includes a "Load File..." button and a text field for the file name.
- Cut Info:** Contains fields for "Cut Number" (set to 3), "Audio Type" (Voicer), "D O A" (Alive), "Category" (- NO CATEGORY), and several empty text fields for "Artist", "Artist 2", "Artist 3", "Title", "Composer", "Label", "OutcueAlbum", "Power", and "Memo". It also has "Gender" and "Tempo" dropdowns, and "Year" and "Peak Chart" text fields.
- Audio Timing:** Shows "Length" (00:00:00 / 00:00:00) with a "Reload Length" button, and "Intro", "Seg", and "Ending" dropdowns.
- Date Information:** Features "Activation" and "Expire" date and hour dropdowns.
- Art & Web:** Includes a "Select New Picture" button, a picture preview area, "Picture URL", and "Purchase URL" text fields.
- Bottom Section:** Contains a text field with "DJB_3.wav", checkboxes for "Delete Source Audio Cut on Import" and "Normalize" (set to 80), and "Import" and "Done & Exit" buttons.

2. Then click the "Load File..." button.

When the box below pops up, browse to the location of the file you want to import.



3. In this case I have browsed to my local drive F: and a subfolder called "Logger Audio" and selected the file "Sunny-19-05-22-12-33.mp3".



- After selecting the single file you wish to import, click "Open"
 That returns you to the previous box, but with the audio file ready to import.
 The import interface defaults to recording the next available cut number, but you can change the cut number by pressing the aptly named "Change Cut Number" button.
 You should select the correct audio type (music, commercial, etc.) and you should select a Category.
 You may fill in as much of the Cut Info (metadata) as you wish, but the more information you provide, the better.

Importing File: F:\LOGGER AUDIO\SUNNY-19-05-22-12-33.mp3

Load File... F:\LOGGER AUDIO\SUNNY-19-05-22-12-33.mp3

Cut Info

Cut Number:

Audio Type: D O A:

Category:

Artist:

Artist 2:

Artist 3:

Title:

Composer:

Label:

OutcueAlbum:

Power:

Memo:

Gender:

Year:

Tempo:

Peak Chart:

Audio Timing

Length: 04:23 / 263.934

Intro: Seg: Ending:

Date Information

Activation: Hour:

Expire: Hour:

Art & Web

Picture URL:

Purchase URL:

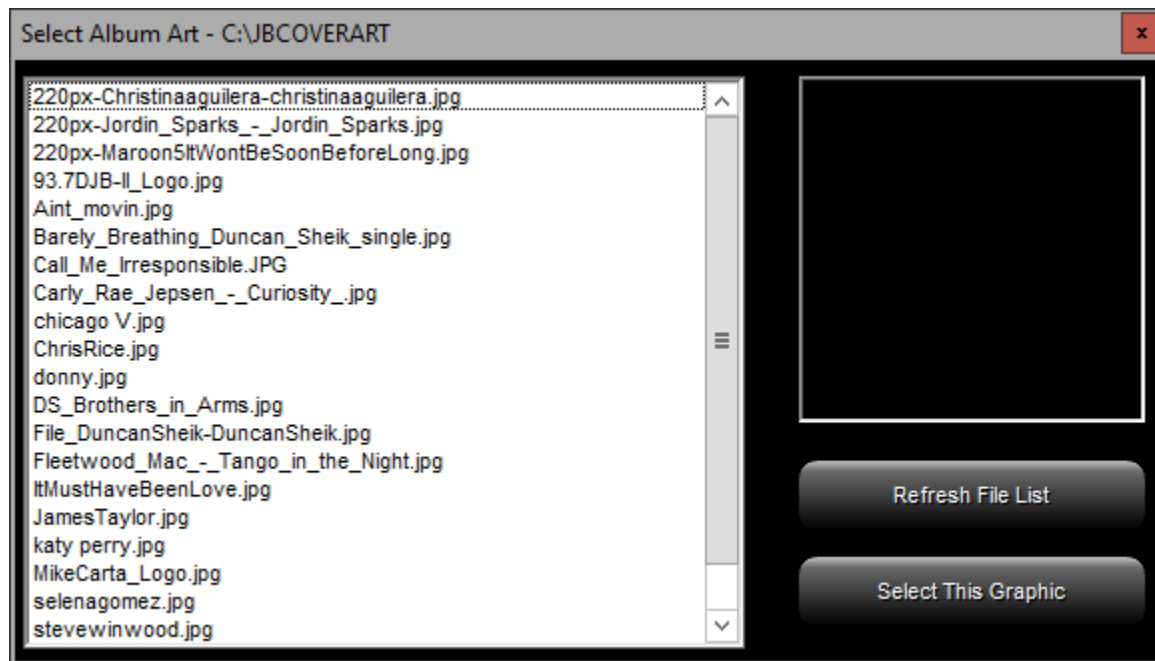
Delete Source Audio Cut on Import

Normalize:

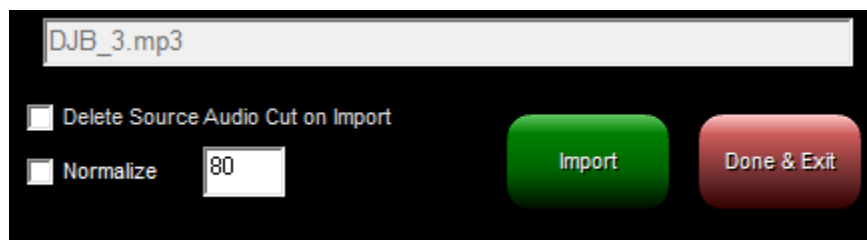
Under Audio Timing you can manually set the Intro and Segue times and select whether the ending is Fade or Cold (for operator info only).

Under Date Information you can define Activation and Expire (Start and Kill) dates and hours. This can be especially useful for commercials.

Under Art & Web you can select album art from your JBCOVERART folder by clicking Select New Picture. You can also type (or copy and paste) the URL for the image you want to use as well as a URL for a purchase link.



Below that section you can see the actual file name that DJB Radio Production is giving the file. (In this case DJB_3.mp3)



Delete Source Audio Cut on Import will do just that. After importing the file into DJB Radio Production, the original file you browsed to will cease to exist. It is recommended to leave this box unchecked unless you have made a duplicate specifically for importing.

Normalize will raise or lower the gain of a cut to the percentage you select with reference to the maximum level (0 dBFS). It is good for getting all of the cuts to use the same reference level.

5. Then you click Import:

Importing File: F:\LOGGER AUDIO\SUNNY-19-05-22-12-33.mp3

Load File... F:\LOGGER AUDIO\SUNNY-19-05-22-12-33.mp3 Done...

Cut Info

Cut Number

Audio Type D O A

Category

Artist

Artist 2

Artist 3

Title

Composer

Label

OutcueAlbum

Power

Memo

Gender

Year

Tempo

Peak Chart

Audio Timing

Length /

Intro Seg Ending

Date Information

Activation Hour

Expire Hour

Art & Web

Picture URL

Purchase URL

Delete Source Audio Cut on Import

Normalize

As you can see from the image above, it says, "Done..." in red text.

6. Click Done & Exit.

2 Record New Cut Button

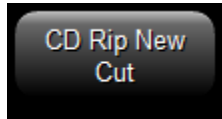


1. Click this button to begin recording a new cut from your audio input source.
The window below defaults to recording the next available cut number. You can click "Change Cut Number" to record to another number.
2. Set the Cut Info:
You can use the "Audio Type" drop box to select the audio type (music, commercial, etc.).
Fill in the Title and Artist you wish to have entered into the Database.
Use the "Category" drop box to select the category.
3. You can preview the levels before you record and adjust them with the gray slider.
Once you are happy with the settings, click "Start Recording."
4. When the recording is finished click "Stop Recording."

The screenshot shows a software window titled "Record New Cut". At the top, there is a "Cut Number" field with the value "12" and a "Change Cut Num" button. Below this is an "Audio Type" dropdown menu set to "Music". The "Artist" field contains "New Recording" and the "Title" field contains "6/21/2019 9:00:23 AM". The "Category" field is empty. A large digital display shows "00:00:00:000". Below the display is a file name field containing "DJB_12.MP3". To the right of the form is a vertical gray slider. At the bottom of the window is a "Weather Info" section with four panels: "Current Temperature" showing "79°", "Currently it's 79 but Feels Like 78 Sunny Winds from the W at 4 mph Today :", "Tomorrow : High : 82 Low : 62 Partly cloudy", and "2019-06-16: High : 88 Low : 67 Partly cloudy". At the very bottom are three buttons: "Start Recording" (green), "Stop Recording" (brown), and "Done & Exit" (red).

3

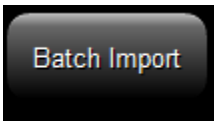
CD Rip New Cut Button



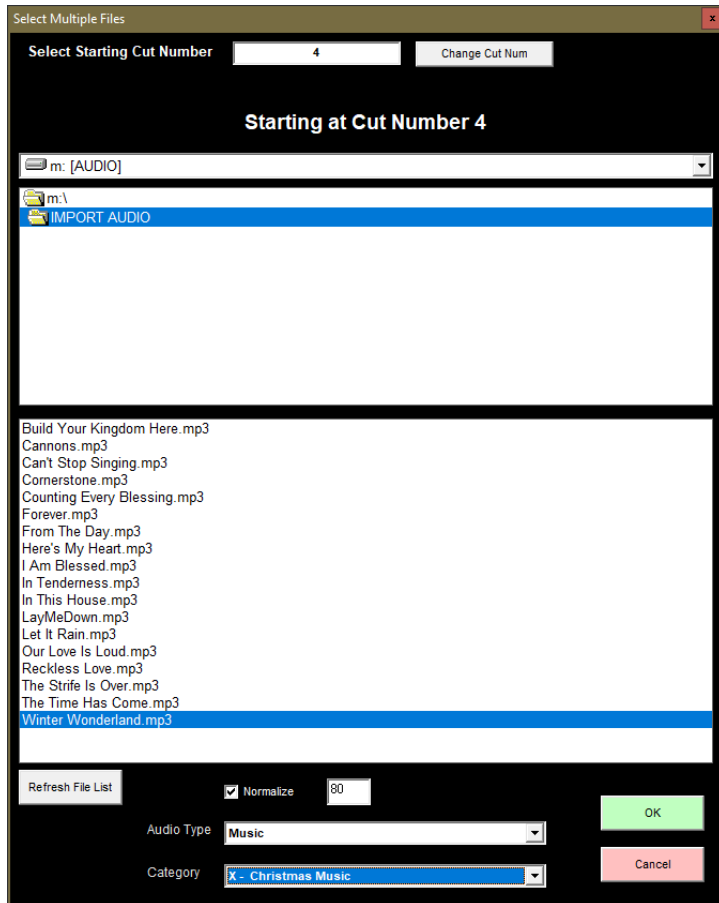
1. Click this button to begin Ripping a cut from an audio CD track.
NOTE: If the CD is a data CD instead of an audio CD, you will use the Import [New Cut Button](#) instead and browse to the CD drive.
2. Select the track you wish to Rip. Tracks are ripped one at a time.
3. The CD Ripper checks the internet automatically to attempt to retrieve the album info.
If you change discs and the old info is still showing, click "Refresh Track List" to see the new CD.
4. If you wish you can Normalize the audio by checking "Apply Normalization."
Normalizing will raise or lower the gain of a cut to the percentage you select with reference to the maximum level (0 dBFS).
It is good for getting all of the cuts to use the same reference level.
5. Then click Rip Track. During ripping you can cancel by clicking "Cancel Ripping"
6. You may select another track to rip or click "Done & Exit."



4 Batch Import Button



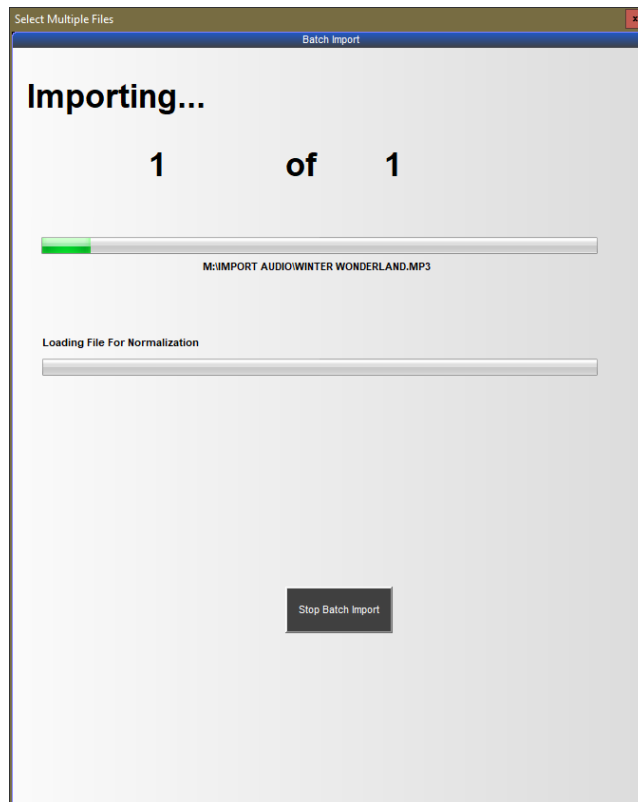
1. Clicking the "Batch Import" button will bring up the window below.
The window below defaults to recording the next available cut number.
You can click "Change Cut Number" to record to another number.
Keep in mind since you are recording a batch of cuts at once, you may want to group them by cut number.
For example start at 1000 for commercials, 2000 for a certain type of music, etc.



2. After you have the starting cut number you wish, select the folder containing the cuts you wish to batch import.

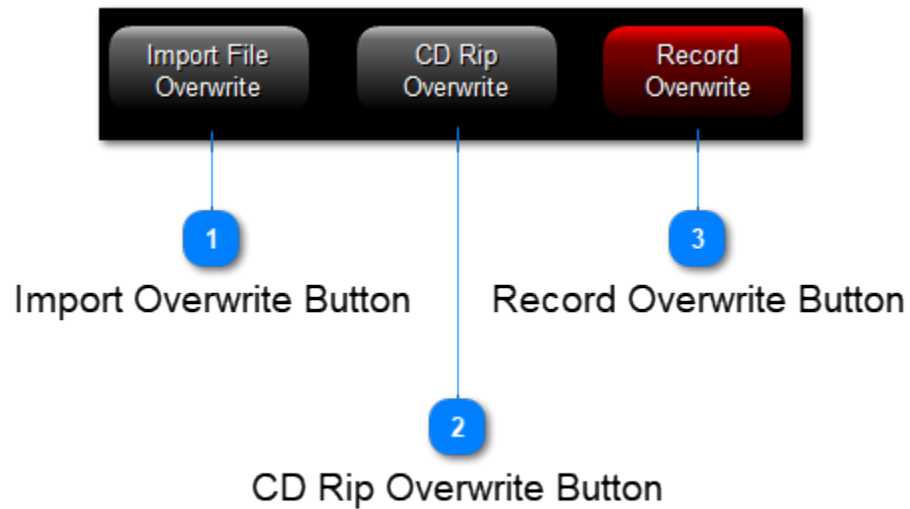
3. You can select the files you wish to batch import by clicking and dragging.
You can also use these handy keyboard shortcuts:
CTRL + Click: Allows you to select files that are not contiguous. As long as you hold CTRL each file you click will be added or removed from the batch.
SHIFT + Click: Allows you to click the first and last of a group of files and everything in between will be selected.
SHIFT + PAGE UP/DOWN: After you click the first cut, SHIFT + PAGE UP/DOWN will select an entire page at a time.
4. If you wish you can Normalize the audio by checking "Apply Normalization."
Normalizing will raise or lower the gain of a cut to the percentage you select with reference to the maximum level (0 dBFS).
It is good for getting all of the cuts to use the same reference level.
5. Using each drop box, select the Audio Type and Category into which you wish to batch import.
6. Then click "OK" and watch it work, or go get a cup of coffee depending on how many cuts you are importing.
For setting up a new library, this is a great function to start at the end of a day and let it run in your absence.

You can click "Stop Batch Import" during the process if you need to cancel it.

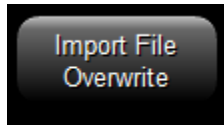


7. The "Cancel" button will close the Batch Import windows.

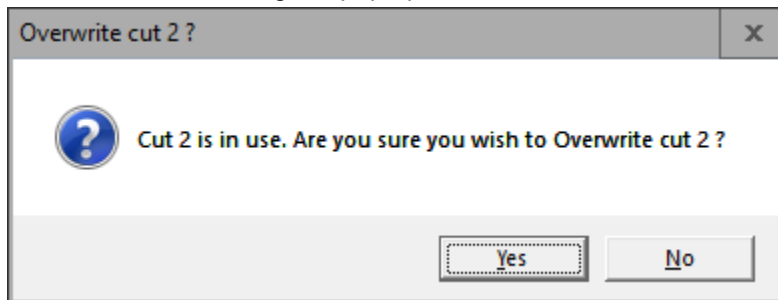
REPLACE Cut Buttons



1 Import Overwrite Button

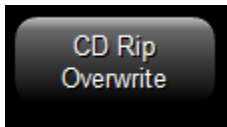


This button allows you to import an audio file to overwrite and replace an existing cut. First select the cut you wish to replace in the main production window, then click the button. This confirmation dialog will pop up:

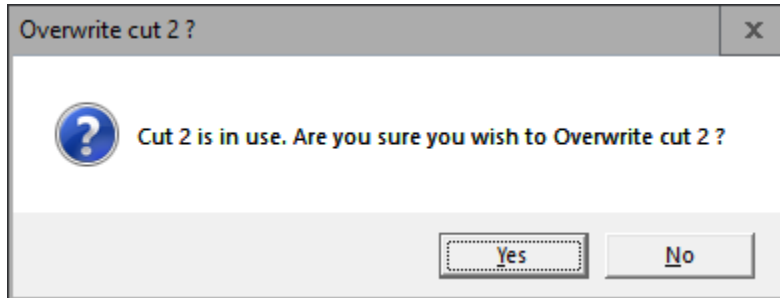


If you click yes, then you can follow the same instructions as the [Import New Cut Button HERE](#)

2 CD Rip Overwrite Button



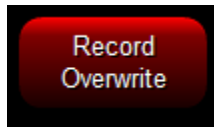
This button allows you to Rip a CD Track to overwrite and replace an existing cut. First select the cut you wish to replace in the main production window, then click the button. This confirmation dialog will pop up:



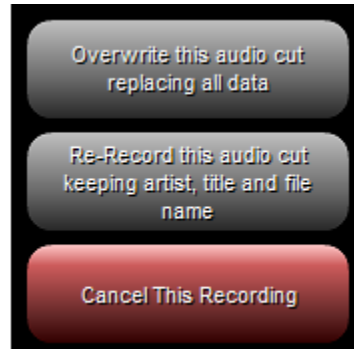
If you click yes, then you can follow the same instructions as the [CD Rip New Cut Button HERE](#)

3

Record Overwrite Button



This button allows you to record an audio file to overwrite and replace an existing cut. First select the cut you wish to replace in the main production window, then click the button. This dialog will pop up:



This will wipe out the existing Cut Info allowing you to replace it with new data.

This will leave the existing Cut Info data Artist, Title, and File Name.

This will cancel the recording and return you to the main Production screen.

Once you select either of the 2 gray buttons, then the window below appears.

1. Set the Cut Info (Only if you selected the top gray button):
 - You can use the "Audio Type" drop box to select the audio type (music, commercial, etc.).
 - Fill in the Title and Artist you wish to have entered into the Database.
 - Use the "Category" drop box to select the category.
 - If you chose the second gray button, the info will already be populated.
2. You can preview the levels before you record and adjust them with the gray slider.
 - Once you are happy with the settings, click "Start Recording."
3. When the recording is finished click "Stop and Save Recording." If you wish to record again you can click "Start Recording"
4. Once you are happy with the recording, click "Close Record."

Record Menu

The Weather

Currently it's 79 but Feels Like 78 Sunny Winds from the W at 4 mph Today :	Tomorrow : High : 82 Low : 62 Partly cloudy	2019-06-16: High : 88 Low : 67 Partly cloudy	Current Temperature 79°
--	---	--	--

Audio Type:

Artist:

Title:

Category:

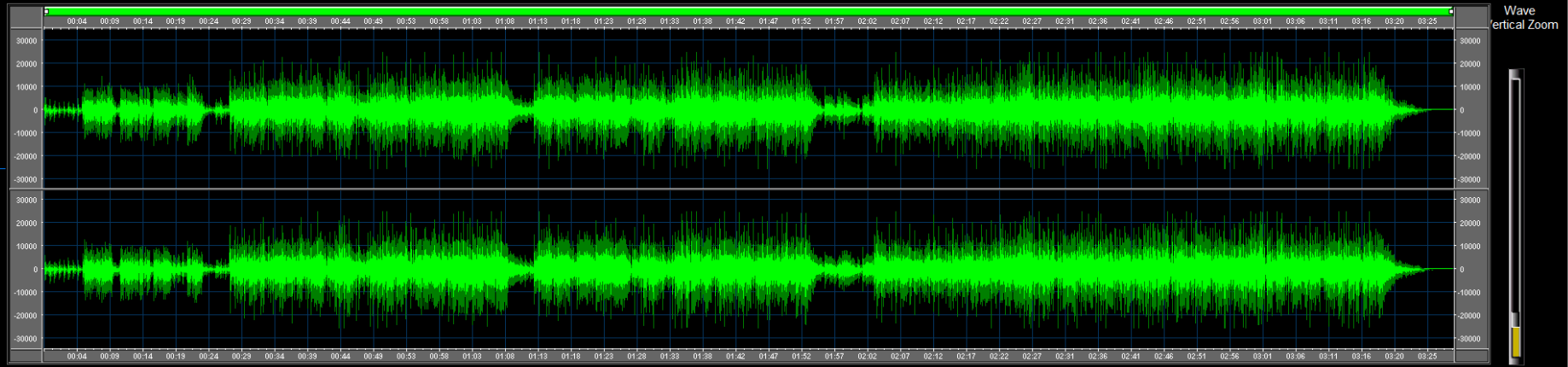
00:00:00:000

Digital Editor (DJB Radio's Audio Editor)

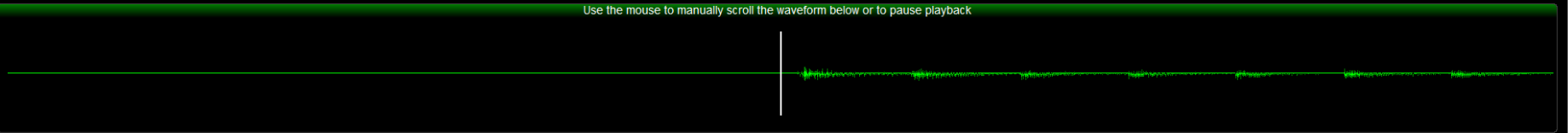
Application Menu Bar 1



Waveform Area 2



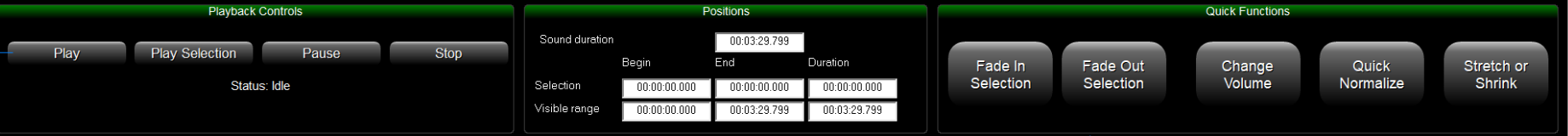
Waveform Scrolling Area 3



Edit Controls 4



Playback Controls 5



Positions

Sound duration	00:03:29.799	
Selection	00:00:00.000	00:00:00.000
Visible range	00:00:00.000	00:03:29.799

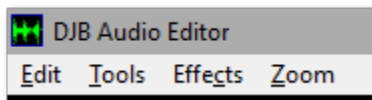
6 Position Information

7 Quick Functions

8 Save and Close Buttons



1 Application Menu Bar



Edit Menu:

Edit	Tools	Effects	Zoom
Undo			
Cut			Ctrl+X
Copy			Ctrl+C
Paste			Ctrl+V
Delete selection			Del
Delete Unselected			
Select all			Ctrl+A
Remove selection			

"Undo" reverses the last performed action.

"Cut" removes the selection from the waveform and places it in memory for later pasting. Only one item can be stored in the buffer at a time.

"Copy" places the selection in memory for later pasting. Only one item can be stored in the buffer at a time.

"Paste" puts the content currently stored in the memory buffer at the

"Delete Selection" removes the selected area from the waveform

"Delete Unselected" keeps the selection and removes everything else.

"Select All" highlights the entire waveform current position (selected in the waveform and indicated by the yellow bar).

"Remove Selection" cancels a selection you have already made.

Tools Menu:

Tools	Effects	Zoom
Insert silence...		
Remove silence...		
Apply background sound...		
Append sound file...		
Insert sound file...		
Mix sound file...		
Overwrite with sound file...		

"Insert Silence" inserts the number of milliseconds of silence at the current position (selected in the waveform and indicated by the yellow bar).

"Remove Silence" allows you to select a threshold and allows to select the minimum length of allowable silences left behind.

"Apply Background Sound" allows you to choose another file to layer over the current file.

If you check "Apply In Loop" it loops the sound file to cover the existing file and to the end of the loop. Great for adding a weather or traffic bed.

"Append Sound File" brings up a browse window to choose a file to tack on to the end of the file you are working with.

"Insert Sound File" brings up a browse window to choose a file to insert into the current file at the current position (selected in the waveform and indicated by the yellow bar).

"Mix Sound File" brings up a browse window to choose a file to layer over the current file at the current position (selected in the waveform and indicated by the yellow bar).

"Overwrite with sound file" brings up a browse window to choose a file to replace the current file starting at the current position (selected in the waveform and indicated by the yellow bar).

Effects:

Effects	Zoom
Apply flat volume...	
Apply sliding volume...	
Apply volume automation...	
Apply WavesReverb DirectX effect...	
Apply Equalizer...	
Custom DSPs	>
VST	>
Change Tempo...	
Change Playback rate...	
Change Pitch...	
Reverse sound	
Filters	>
Normalize	>
DC Offset removal	
Noise removal	>
Vocal removal	

"Apply Flat Volume" brings up a window allowing you to raise or lower the volume of the left, right, or both channels. 200% would be twice as loud. 50% would be half as loud.

"Apply Sliding Volume" brings up a window allowing you to raise or lower the volume of the left, right, or both channels with a starting percentage and a finishing percentage.

"Apply Volume Automation" is not fully implemented.

"Apply ~~WavesReverb DirectX~~ effect" brings up a window allowing you to apply reverb to the file or selection.

"Apply Equalizer" brings up a 10 band equalizer to apply to the cut.

"Custom DSPs" can apply a custom DSP DLL file which is not included.

"VST" can apply a custom VST DLL file which is not included.

"Change Tempo" brings up a window allowing you to change the speed without affecting pitch. -Time Squeeze

"Change Playback Rate" brings up a window allowing you to change both speed and pitch. -Chipmunks

"Change Pitch" brings up a window allowing you to change the pitch without affecting speed. -Key Change

"Reverse Sound" reverses the file or selection allowing you to look for hidden messages. :)

"Filters" allows you to select and apply various filters: Low Pass, High Pass, Band Pass, and Stop Band.

"Normalize" allows you to adjust the volume based on the files current peak or a reference percentage you input.

"DC Offset Removal" attempts to make sure that silence on the cut is on the Zero line in the editor.

"Noise Removal" offers "Pops and Clicks" and "Hiss" removal options.

"Vocal Removal" brings up a window allowing you to manipulate the cut to remove the voice frequencies and leave the music.msp

Zoom:

Zoom
Zoom to selection
Zoom to full waveform
Zoom in
Zoom out

Note: These functions are also buttons on the Digital Editor screen

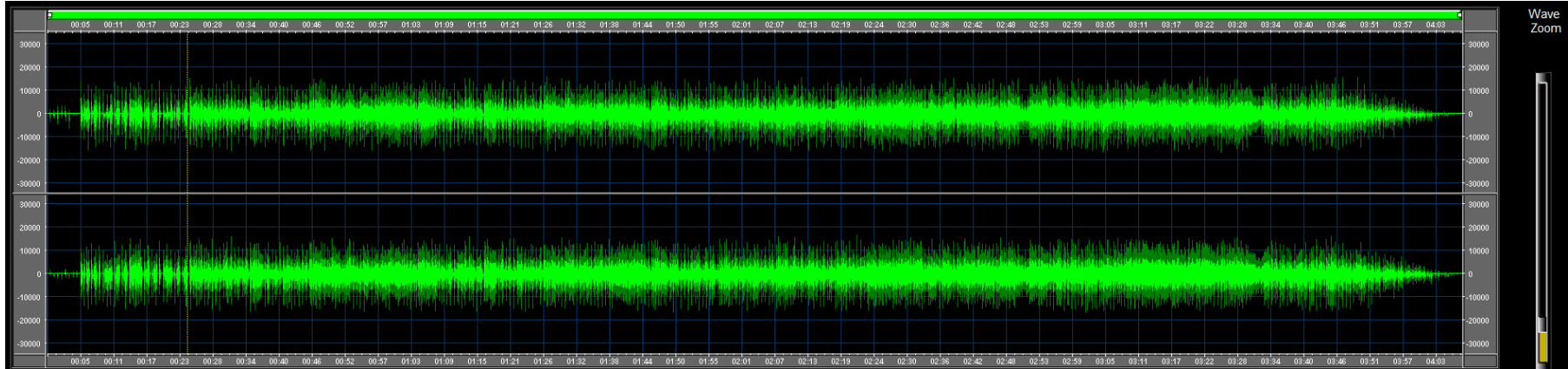
"Zoom to Selection" is probably the most useful. You can click and drag to select the area you want to edit and then zoom to that selection.

"Zoom to Full Waveform" returns the waveform window to showing the entire file.

"Zoom In" increases the zoom focused on the center of the file, not the area you are viewing.

"Zoom Out" reduces the zoom level.

2 Waveform Area



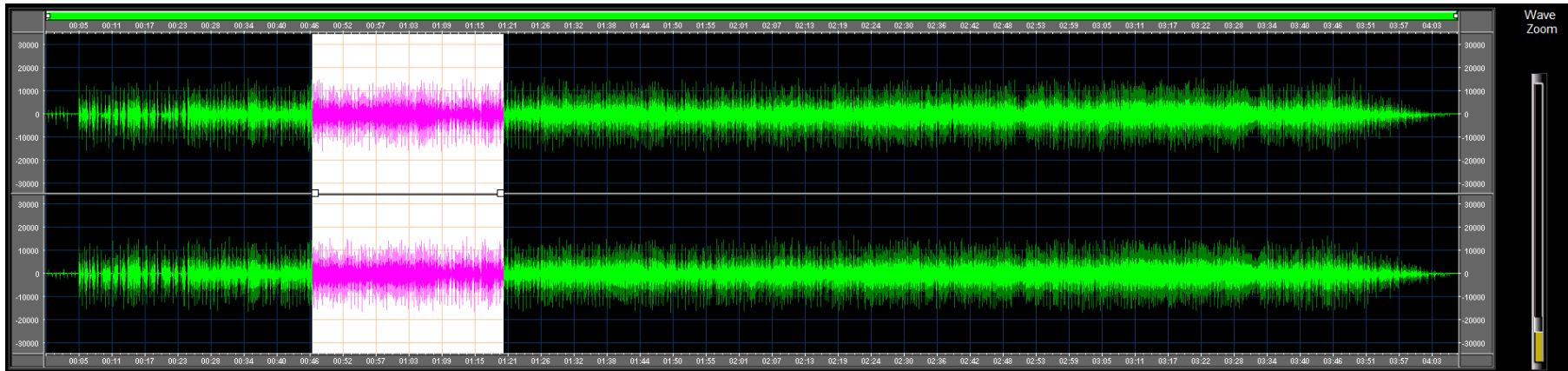
This area allows you to see the entire waveform, or a zoomed in portion of it.

The "Wave Vertical Zoom" slider on the far right makes the waveform taller or shorter to make the peaks and valleys easier to see. It does NOT change the volume.

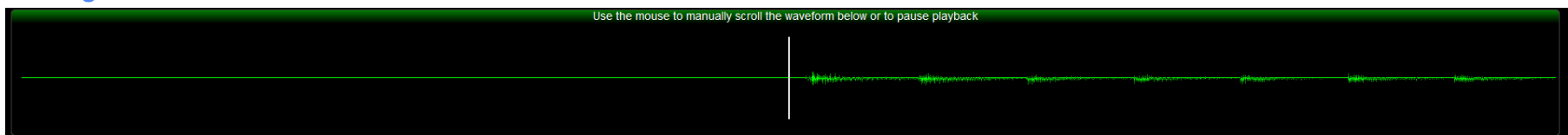
The yellow bar indicates the current position of the playback transport (or cursor) in the waveform.

Once you have made a selection it will look like the picture below. Note the white squares allow you to drag to resize the current selection.

Information about the current position and the start, end, and length of the selection are found in the [Position Info](#) area.



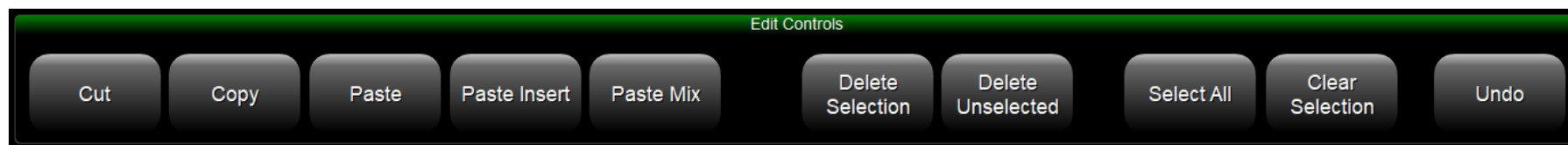
3 Waveform Scrolling Area



You can click and drag the audio waveform in this area to set the playback position.

4

Edit Controls



These controls are used for selecting all or part of the waveform to edit and the actual editing functions.

Most of the functions here are mirrored in the "Edit" menu on the Application Menu Bar.

Before editing, you can click and drag in the large waveform area to select a portion of the waveform.

You can also click "Select All" to highlight the entire waveform. "Clear Selection" will do just that.

Once you have a selection the following is possible:

CUT: Removes the selected audio, but keeps it in memory for pasting later.

COPY: Copies the selected audio into memory for pasting later.

PASTE: Pastes the copied or cut audio to the end of the existing waveform.

PASTE INSERT: Pastes the copied or cut audio to the current location, moving the audio to the right.

PASTE MIX: Pastes the copied or cut audio to the current location but does not move the audio and instead layers over the top of it.

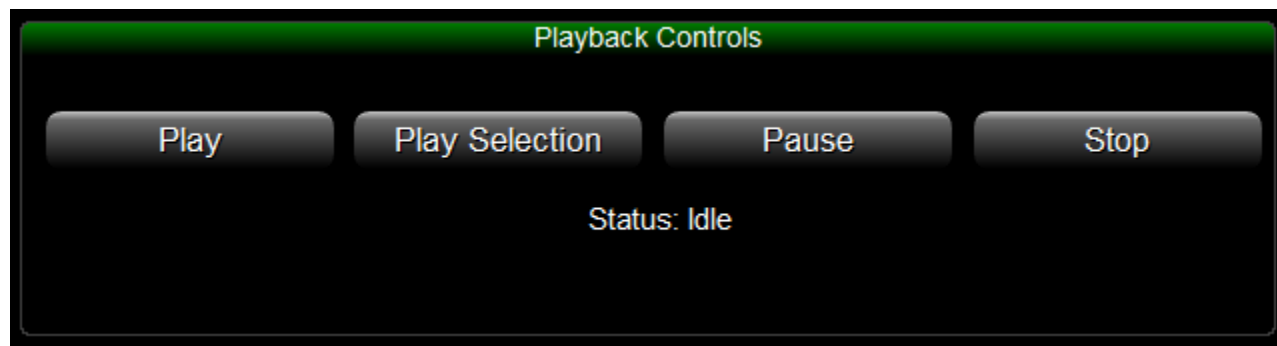
DELETE SELECTION: Deletes the selected audio and does not store it in memory for pasting.

DELETE UNSELECTED: Deletes everything except the selected audio.

UNDO: Reverts the last action.

5

Playback Controls



PLAY: Plays the waveform from the current location.

PLAY SELECTION: Plays the selected audio only from the beginning of the selection to its end.

PAUSE: Pauses playback

STOP: Stops Playback

Status: This is an indication of Playing, Pause, or Idle conditions.

6

Position Information

Positions			
Sound duration	00:03:29.799		
	Begin	End	Duration
Selection	00:00:00.000	00:00:00.000	00:00:00.000
Visible range	00:00:00.000	00:03:29.799	00:03:29.799

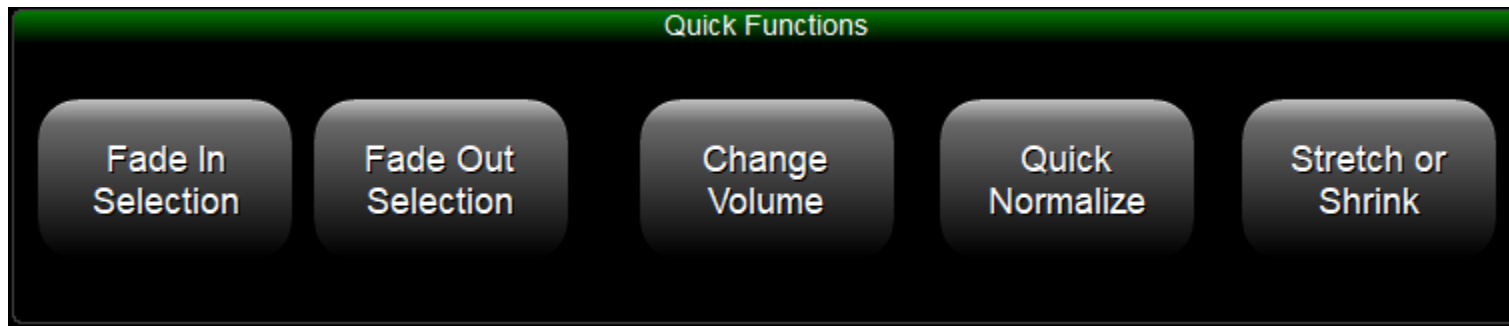
"Sound Duration" shows the total length (HH:MM:SS.TTT) of the sound file.

"Selection" shows the start, end and total duration of the current selection.

"Visible Range" shows the start, end and total duration of the waveform area. In the picture above it is showing numbers for a file zoomed all the way out and with no selection made.

7

Quick Functions



"Fade In Selection" adjusts the volume of the selected area from 0 to normal over the length of the selection.

"Fade Out Selection" adjusts the volume of the selected area from normal to 0 over the length of the selection.

"Change Volume" brings up a window allowing you to raise or lower the volume of the left, right, or both channels. 200% would be twice as loud. 50% would be half as loud.

"Quick Normalize" applies a normalization algorithm across the entire waveform.

"Stretch or Shrink" allows you to change the playback rate which affects both the pitch and the duration.

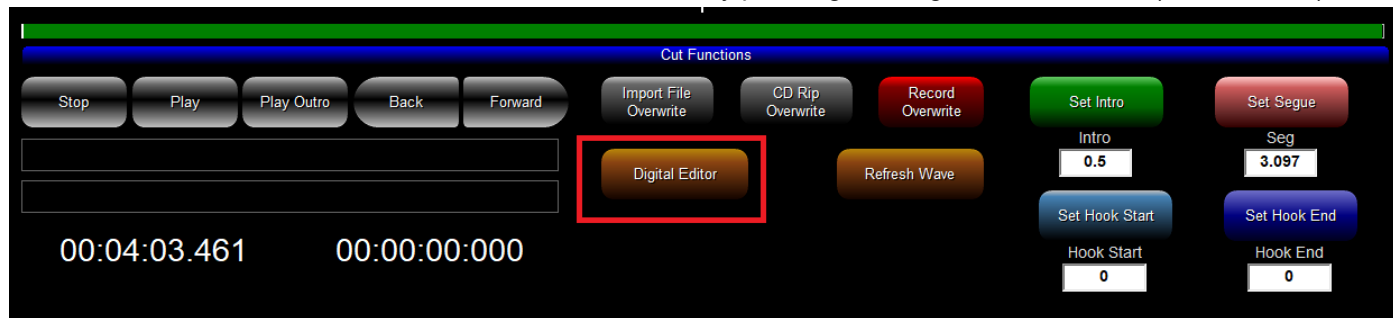
8

Save and Close Buttons



If you have made any changes you wish to apply, click the "Save" button. The button will be grayed out like the picture above if there are no changes to save. When you are finished, click the "Close Editor" button to close the editor. If you have made changes but have not saved them, this will discard the changes.

This editor is accessed within the Production screen by pressing the "Digital Editor" button (shown below).



Multi-Cut Carts

You can rotate multiple liners, jingles, IDs, etc. by using this section of the program.

These are numbered from 30,000 to 30,999 and each cart can contain multiple audio cuts that will play in the sequence they appear in the Multi-Cut Cart. Multi-Cut Carts can have their order shuffled by using the Shuffle feature in Scheduler. (More info [HERE](#)) Carts can be date controlled with start and end dates.

You can change any Multi-Cut Cart (MCC) by highlighting its number and using the Add Audio Cut and Remove Audio Cut buttons.

Note: You cannot have nested Multi-Cut Carts. In Other words, do not place any MCC numbers inside of an MCC.

The screenshot shows the 'Multiple Cuts Carts' application window. It features a search bar at the top, a list of cart numbers, a name input field, a table of cart contents, and a control panel at the bottom.

1 Find Box: Points to the search input field at the top of the window.

2 List of Multi-Cut Carts: Points to the list of cart numbers (30000 to 30017) in the upper section.

3 Multi-Cut Cart Name: Points to the 'Multiple Cut Cart Name' input field containing the text 'Liners'.

4 Multi-Cut Cart Contents: Points to the table listing individual cuts with their descriptions.

5 Multi-Cut Cart Controls: Points to the bottom control panel including 'Add Audio Cut', 'Cut Number', 'Description', 'Start Date', 'End Date', 'Save Dates', 'Clear Dates', 'Remove Audio Cut', and 'Done' buttons.

Cart #	Description	Activation	Hr	Expire	Hr
9	Mike Carta - Broadcasting to the Universe				
6	Mike Carta - 93.7 DJB				
8	Mike Carta - Smiles Worldwide				
11	Mike Carta - The DJB Automation System				
7	Mike Carta - You're Listening to the Digital Jukebox				
5	Mike Carta - 4 in a Row				
10	Mike Carta - This is 93.7 DJB				

1

Find Box



Enter all or part of either a Multi-Cut Cart number or the name of a MCC and click find to search for it.

2

List of Multi-Cut Carts

30000	Liners
30001	
30002	
30003	
30004	
30005	
30006	
30007	
30008	
30009	
30010	
30011	
30012	
30013	
30014	
30015	
30016	
30017	

This show the list of MCCs from 30000 to 30999

3

Multi-Cut Cart Name

Multiple Cut Cart Name

Create or change the name of a Multi-Cut Cart here and click the Save Name button.

4

Multi-Cut Cart Contents

Cart #	Description	Activation	Hr	Expire	Hr
9	Mike Carta - Broadcasting to the Universe				
6	Mike Carta - 93.7 DJB				
8	Mike Carta - Smiles Worldwide				
11	Mike Carta - The DJB Automation System				
7	Mike Carta - You're Listening to the Digital Jukebox				
5	Mike Carta - 4 in a Row				
10	Mike Carta - This is 93.7 DJB				

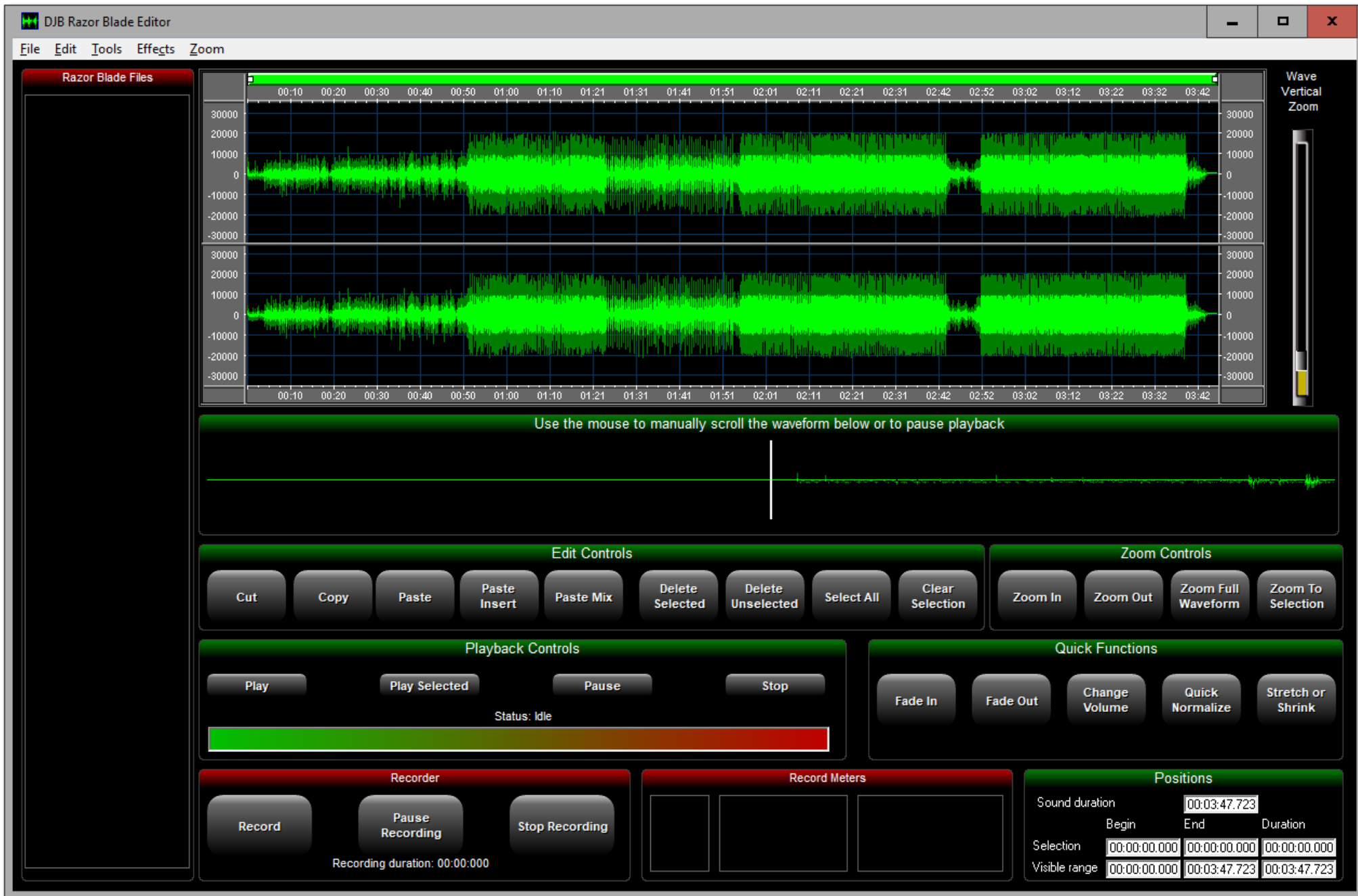
This box shows the current contents of a Mutli Cut Cart and also the Activation and Expire (Or Start and End) dates.

Multi-Cut Cart Controls

Press the Add Audio Cut Button to add a cut to the Multi-Cut Cart (Pictured below).
 Once a cut is in the MCC click on it to highlight it.
 You can enable and set Start and End dates and click Save Dates.
 If you want to remove the Start/End dates click Clear Dates.
 You can remove a cut from the MCC by highlighting it and clicking Remove Audio Cut.
 Close the Multi-Cut Cart editor by clicking Done.

In this box above you can type the cut number or click Select From Database to choose a cut from the box below.

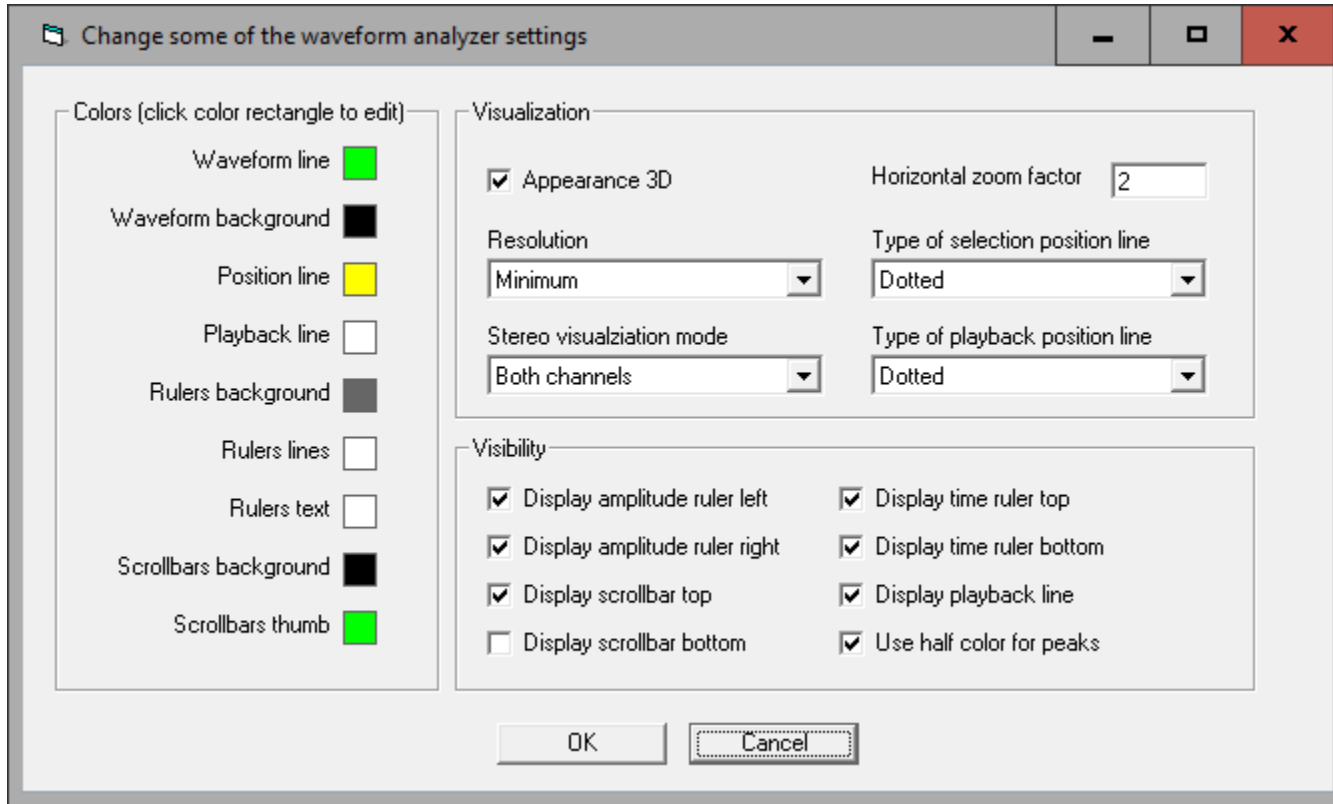
Cut #	Artist	Title	Length	Type	Category
00001	Mike Carta	93.7 DJB Legal ID	00:09	Legal ID	
00002	Austin Kelly	Austin Kelly	32:12	Automated	
00005	Mike Carta	4 in a Row	00:13	Liner	
00006	Mike Carta	93.7 DJB	00:06	Liner	
00007	Mike Carta	You're Listening to the Digital Jukebox	00:09	Liner	
00008	Mike Carta	Smiles Worldwide	00:10	Liner	
00009	Mike Carta	Broadcasting to the Universe	00:09	Liner	
00010	Mike Carta	This is 93.7 DJB	00:09	Liner	
00011	Mike Carta	The DJB Automation System	00:06	Liner	
00014	Mike Carta	Rewind to the 70's	00:08	Liner	
00015	Mike Carta	Back to the 80's	00:05	Liner	
00020	Hooks	Opener	00:04	Hooks	
00021	Hooks	And This 1	00:00	Hooks	
00022	Hooks	And This 2	00:00	Hooks	
00023	Hooks	And This 3	00:01	Hooks	
00024	Hooks	Closer	00:03	Hooks	
00030	Mike Carta	Chicago Intro	00:09	Voicer	
00031	Mike Carta	Fleetwood Mac Intro	00:09	Voicer	
00032	Mike Carta	Best Music From Yesterday and Today	00:05	Voicer	
00033	Mike Carta	Best Music From Yesterday and Today	00:09	Voicer	
00034	Mike Carta	Music From Yesterday and Today	00:06	Voicer	
00035	Mike Carta	Elton John Intro	00:09	Voicer	
00036	Mike Carta	Return From Break	00:04	Voicer	



This editor has the same features as the [DJB Digital Editor](#) already explained [HERE](#).

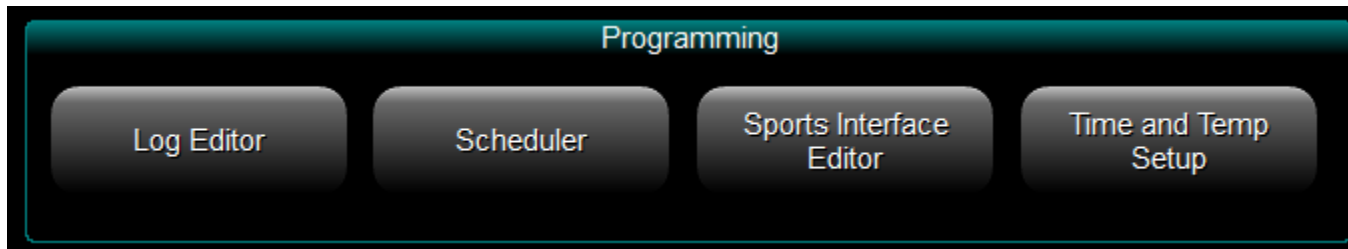
You can also record directly into this editor using the "Record," "Pause Recording," and "Stop Recording" buttons.

In the file menu there is an extra Analyzer Settings option allowing you to change the colors and other settings:



Otherwise this editor works the same as the [DJB Digital Editor](#) already explained [HERE](#).

Programming Box



Click one of the links below, or click the picture above to return to the main DJB Radio Production Suite page.

[Log Editor](#)

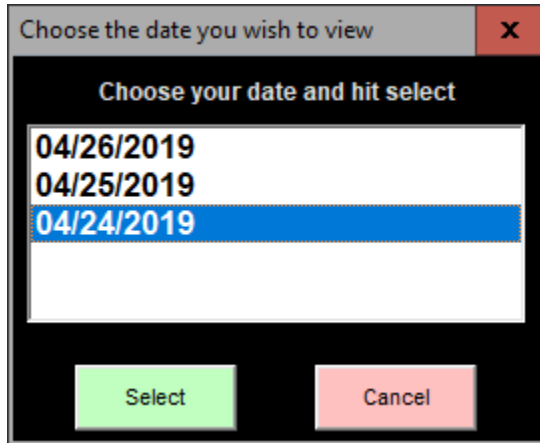
[Scheduler](#)

[Sports Interface Editor](#)

[Time and Temp Setup](#)

Log Editor

Initially when you click on Log Editor, you will be presented with a box to select the date you wish to edit.
WARNING: It is best practice not to have the log editor open between 11:30PM and 12:30AM.
And it is always best to close the log when done editing.



Click on the date you wish to edit and then click the green "Select" button or click the pink "Cancel" button to return to the main Production Suite screen.

The window below is the main log editor window:

You can see from the text at the top of the editor which hour in the day and which calendar day you are editing.

Date and Time 1

Audio & Event Library Button 2

Print Button 3

Schedule Hour Lengths 4

Now viewing hour 9 am On date: Thursday June 20, 2019

Time	Type	Cut	Artist	Title	Intro	Length
09:51:41	Music	238	Toni Basil	Mickey (Spanish Version)	01	03:37
09:55:18	Liner	8	Mike Carta	Smiles Worldwide	01	00:10
09:55:28	Music	76	Christina Aguilera	Genie In A Bottle	05	03:38
09:59:05	Music	234	Kate Bush	Running Up That Hill	01	04:57
09:64:02	COMMAND	9999	COMMAND	Hourly time Update - Last Event in hou		
10:00:00	Legal ID	1	Mike Carta	93.7 DJB Legal ID	01	00:09
10:00:09	COMMAND	9004	COMMAND	PlayHooks		
10:00:09	Music	221	Power Station	Get It On (Bang A Gong)	01	03:45
10:03:54	Liner	11	Mike Carta	The DJB Automation System	01	00:06
10:03:59	Music	90034	Dire Straights	Money For Nothing	01	04:03
10:07:59	Voicer	31	Mike Carta	Fleetwood Mac Intro	01	00:09
10:08:01	Music	70	Fleetwood Mac	Little Lies	17	03:33
10:11:26	Liner	7	Mike Carta	You're Listening to the Digital Jukebox	01	00:09
10:11:36	Commercial	89	Nestles Crunch	Radio Spot (1980)	01	00:31
10:12:06	COMMAND	9990	COMMAND	Announce The Time		
10:12:06	Commercial	90	TV Commercials	Slinky (It's Slinky)	01	00:54
10:12:59	Commercial	80	A & W Root Beer	A & W Root Beer	01	00:17
10:13:15	COMMAND	9991	COMMAND	Announce The Temperature		
10:13:15	Music	68	Duncan Sheik	Barely Breathing	09	03:54
10:17:08	VoiceTrack		VoiceTrack	VT-WDJB-06202019-10-01.MP3		00:00
10:17:08	Music	90036	Dire Straights	Money For Nothing	01	04:03
10:21:09	Liner	5	Mike Carta	4 in a Row	01	00:13
10:21:21	Music	62	Steve Winwood	Higher Love	10	04:17
10:25:20	VoiceTrack		VoiceTrack	VT-WDJB-06202019-10-02.MP3		00:00
10:25:20	Music	61	Selena Gomez & The Scene	Love You Like a Love Song	04	03:08
10:28:25	Liner	10	Mike Carta	This is 93.7 DJB	01	00:09
10:28:34	Commercial	83	Car	Studebaker	01	00:18
10:28:52	COMMAND	9990	COMMAND	Announce The Time		
10:28:52	Commercial	81	Advertise On Radio Spot	Advertise On Radio Spot	01	01:01
10:29:53	Commercial	84	Coca Cola Jingle	1999	01	00:59
10:30:51	COMMAND	9991	COMMAND	Announce The Temperature		
10:30:51	Voicer	36	Mike Carta	Return From Break	01	00:04
10:30:54	Music	205	Kim Wilde	Kids In America	01	03:23
10:34:17	Liner	9	Mike Carta	Broadcasting to the Universe	01	00:09
10:34:27	Music	223	Heaven 17	Let Me Go	01	04:15
10:38:42	Liner	6	Mike Carta	93.7 DJB	01	00:06
10:38:48	Music	220	Toni Basil	Mickey	01	03:38
10:42:26	VoiceTrack		VoiceTrack	VT-WDJB-06202019-10-03.MP3		00:00

Hour | Time

12 am	62:56
1 am	64:33
2 am	61:56
3 am	63:24
4 am	63:51
5 am	65:24
6 am	62:56
7 am	61:07
8 am	64:34
9 am	64:01
10 am	63:41
11 am	62:57
12 pm	63:40
1 pm	63:09
2 pm	64:24
3 pm	62:18
4 pm	62:32
5 pm	64:14
6 pm	64:25
7 pm	64:12
8 pm	61:26
9 pm	64:00
10 pm	62:28
11 pm	64:38
Total	25h,22m,53s

Item Info

Toni Basil
Mickey (Spanish Version)
 Living In Oblivion - The 80's Greatest Hits - Volume 2

Cut #: 238 Seg: 0.50
 Length: 03:37 Intro: 0.50
 Year: 1993 Ending Type: Fade

Memo:

Audition Play

Exit

5 Editing Buttons

6 Go To Buttons

7 Item Info Pane

8 Exit Button

1 Date and Time

Now viewing hour 9 am On date: Thursday June 20, 2019

This shows which calendar day's log you are viewing and which hour from 00 (Midnight) to 23 (11PM) you are editing.

2

Audio & Event Library Button



This button opens the Audio & Event Library allowing you to insert items.

3

Print Button



This will bring up a print interface allowing you to print a paper log.

4

Schedule Hour Lengths

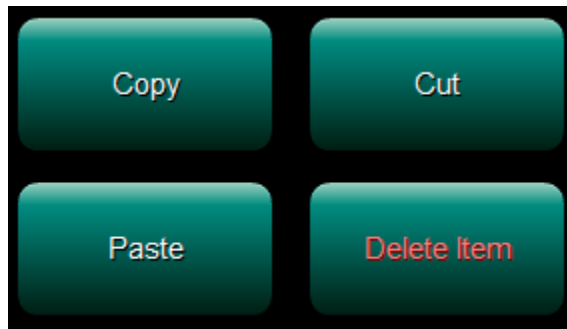
Hour	Time
12 am	62:55
1 am	64:33
2 am	61:55
3 am	63:24
4 am	63:51
5 am	65:24
6 am	62:55
7 am	61:07
8 am	64:34
9 am	64:01
10 am	63:41
11 am	62:57
12 pm	63:40
1 pm	63:09
2 pm	64:24
3 pm	62:18
4 pm	62:32
5 pm	64:14
6 pm	64:25
7 pm	64:12
8 pm	61:26
9 pm	64:00
10 pm	62:28
11 pm	64:38
Total	25h:22m:53s

This box shows how many minutes are scheduled in each hour of the log and the total for the 24 hour day. After you make changes you can click the "Check Schedule Hour Lengths" button to refresh this information.

Check Schedule Hour Lengths

5

Editing Buttons



These buttons allow you to cut and paste, copy and paste, or just delete items. The Paste button is unavailable unless something has been cut or copied. You can paste the same item multiple times.

6

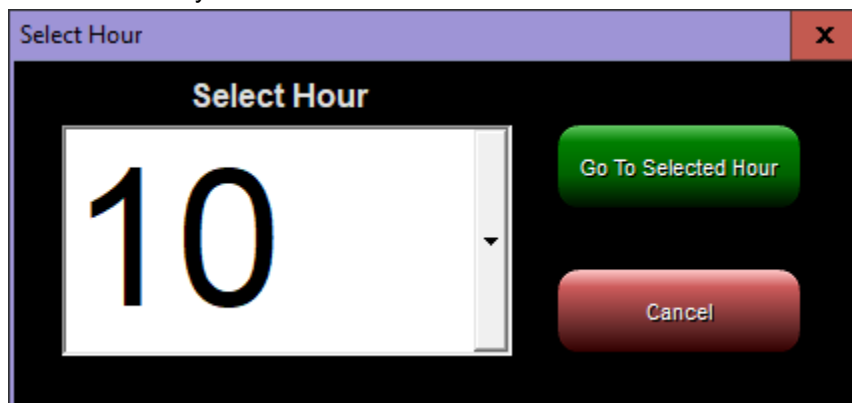
Go To Buttons



"Go To The On Air Item" will take you to the current item if you are editing today's log.

"Go To Hour" brings up a window to select the hour in military time (00-23).

Select the hour you wish to view/edit and click "Go To Selected Hour"



7

Item Info Pane

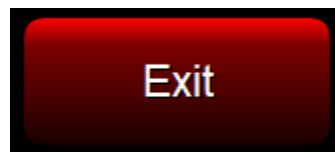


The screenshot shows a software interface titled "Item Info". The main text displays the artist "Toni Basil", the track "Mickey (Spanish Version)", and the album "Living In Oblivion - The 80's Greatest Hits - Volume 2". Below this, there are two columns of metadata: "Cut #: 238", "Length: 03:37", "Year: 1993", "Memo:" on the left; and "Seg: 0.50", "Intro: 0.50", "Ending Type: Fade" on the right. A blue button labeled "Audition Play" is positioned below the metadata. At the bottom of the pane is a blue progress bar with a series of vertical tick marks.

The Item Info pane shows info about the item, as you might expect. You can also click "Audition Play" to hear the item. The blue bar at the bottom fills with gray from left to right indicating the position of the playback. You can also click and drag with the mouse to move the playback position.

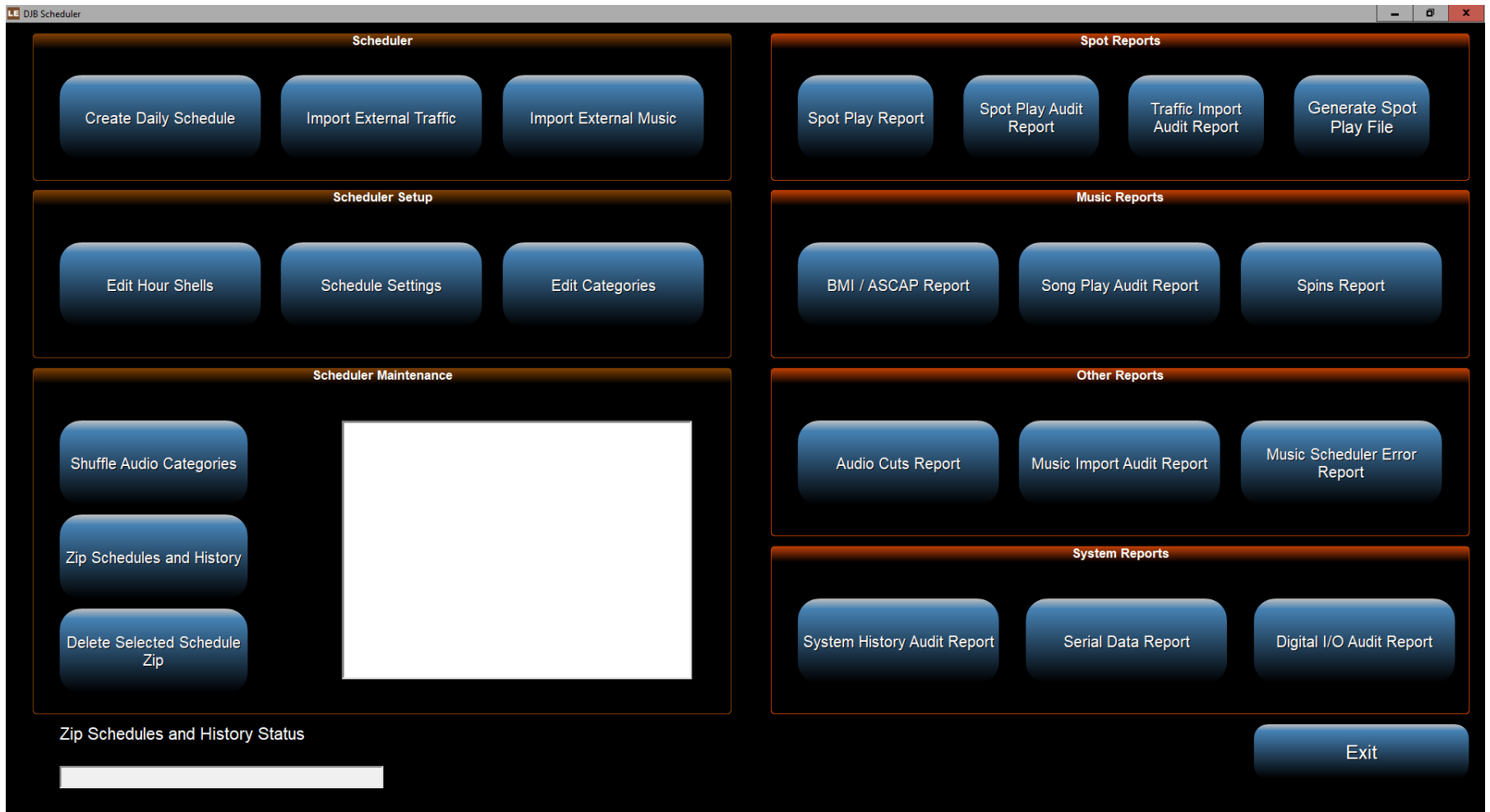
8

Exit Button



Click this to close the log editor after you are done editing. Always remember to close Log Editor.

Scheduler



DJB Radio's Scheduler is such a big topic that it has its own section where it is discussed in detail. You can find that section [HERE](#) or click the picture above.

Sports Interface Editor

The Sports Interface Editor allows you to setup the Sports Interface to run events automatically using a switcher to receive commands from a satellite or remote sports device.

The individual templates for each event are referred to as a "Show."

Add and Delete A Show buttons

Insert, Edit, And Delete Event Buttons

Template Selection Drop box

Overwrite From Traffic File Button

Selected Show Window

Settings Area

SP DJBRadio Sports Program Interface Editor

Show Templates

1 - Mariners Sunday

2 Add A Show 3 Delete A Show 4 Overwrite From Traffic File

5 Insert Event 6 Edit Event 7 Delete Event

Break-Order #	Cut	Description	File Name
01-01	11	Mike Carta - The DJB Automation System	DJB_11.mp3
03-01	14	Mike Carta - Rewind to the 70's	DJB_14.mp3
03-02	40	Hand Claps Stomp -	DJB_40.mp3
03-03	8	Mike Carta - Smiles Worldwide	DJB_8.mp3
03-04		BATTERIES PLUS - SPRING SUMMER	batteries plus 30.mp3
04-01		CREEKSIDE GOLF CLUB - 64B	CREEKSIDE GOLF CLUB - 64B.wa
05-01		DAY HEATING - NO NONSENSE	DAY HEATING - NO NONSENSE.M
06-01		DANS PAWN SHOP - SUMMER POWER	DANS PAWN SHOP - SUMMER PC
06-02		Colortile - Springtime 06	Colortile - Springtime 06.MP3
06-03		BROADWAY CAFE - CATERING	BROADWAY CAFE - CATERING.M
06-04		ASPEN LANDSCAPE - 9A	ASPEN LANDSCAPE - 9A.wav
06-05		GOLDEN RULE REMODELING - 137M	GOLDEN RULE REMODELING-137
06-06		FLAT VIEW SOFTWARE - HACKERS	flat view software.mp3
06-07		ALBERT MOHLER PROMO - ALBERT MOHLER PROMO	ALBERT MOHLER PROMO.wav
07-01		GRAHAM AVIATION - LEARN TO FLY	graham aviation learn to fly 4-5.mp3
07-02		GRANT INSURANCE - FARMERS	grant insurance 4-20.mp3
07-03		HEAVENS BEST SPRING - 159N	HEAVENS BEST SPRING-159N.wa
07-04		HIGHWAY TRAILER SALES - 161TT	HIGHWAY TRAILER SALES-161TT
07-05		JK ABBEY CARPET - 199B	JK ABBEY CARPET-199B.wav
07-06		Mariners Game Message - Mariners Game Message	Mariners Game Message.mp3
08-01		LINN BENTON TRACTOR - GRAND L 30	LINN BENTON TRACTOR - GRAND
09-01		SPRINT 3 - MARINERS	Sprint 3.mp3
10-01		TIRE FACTORY - PLUS TAG	TIRE FACTORY - PLUS TAG.MP3
10-02		CHARLES WEATHERS - LANDMARK MORTGAGE	CHARLES WEATHERS - LANDMA
10-03		Freedom Homes - Overwhelming	Freedom Homes Overwhelming Spd
11-01		gensco trane - gensco trane	gensco trane.mp3
12-01		AMERICAN VALUE RV - SERVICE	american value rv service.mp3
12-02		NASE - Merlin Olson 1	NASE Merlin Olson 1 Finished 4-5-0
12-03		BATTERIES PLUS - SPRING SUMMER	batteries plus 30.mp3
12-04		LIGHTING GALLERY - SPRING	lighting gallery 30 final 4-13.mp3
13-01		RICK MAURMANN - rick maurmann coldwell banker	rick maurmann coldwell banker.mp3
13-02		Keith Brown - generic	Keith Brown - generic 4-06 30.mp3
13-03		JK CARPETS - SPRING	JK CARPETS - SPRING.MP3

Settings

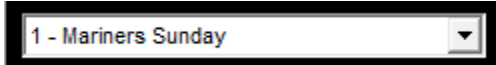
Command To Execute Before Break

Command To Execute After Break

Command To Execute After The Last Break

Exit After The Last Break Plays?

1 Template Selection Drop box



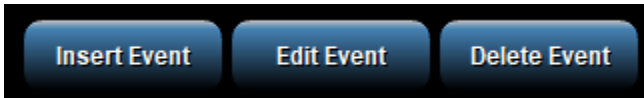
Use this control to select a show you wish to edit.

2 Add and Delete A Show buttons



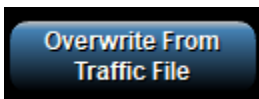
These buttons allow you to create new shows or remove obsolete shows.

3 Insert, Edit, And Delete Event Buttons



Each event corresponds to a single audio cut (commercial, jingle, liner, ID, etc.).

4 Overwrite From Traffic File Button



This feature allows the show to import the DDD_TRAF.log file and choose which hours of the commercial log to use for the show.

You can read more about 3rd party traffic [HERE](#).

Selected Show Window

Break-Order #	Cut	Description	File Name
01-01	11	Mike Carta - The DJB Automation System	DJB_11.mp3
03-01	14	Mike Carta - Rewind to the 70's	DJB_14.mp3
03-02	40	Hand Claps Stomp -	DJB_40.mp3
03-03	8	Mike Carta - Smiles Worldwide	DJB_8.mp3
03-04		BATTERIES PLUS - SPRING SUMMER	batteries plus 30.mp3
04-01		CREEKSIDE GOLF CLUB - 64B	CREEKSIDE GOLF CLUB - 64B.wa
05-01		DAY HEATING - NO NONSENSE	DAY HEATING - NO NONSENSE.M
06-01		DANS PAWN SHOP - SUMMER POWER	DANS PAWN SHOP - SUMMER PO
06-02		Colortile - Springtime 06	Colortile - Springtime 06.MP3
06-03		BROADWAY CAFE - CATERING	BROADWAY CAFE - CATERING.M
06-04		ASPEN LANDSCAPE - 9A	ASPEN LANDSCAPE - 9A.wav
06-05		GOLDEN RULE REMODELING - 137M	GOLDEN RULE REMODELING-137
06-06		FLAT VIEW SOFTWARE - HACKERS	flat view software.mp3
06-07		ALBERT MOHLER PROMO - ALBERT MOHLER PROMO	ALBERT MOHLER PROMO.wav
07-01		GRAHAM AVIATION - LEARN TO FLY	graham aviation learn to fly 4-5.mp3
07-02		GRANT INSURANCE - FARMERS	grant insurance 4-20.mp3
07-03		HEAVENS BEST SPRING - 159N	HEAVENS BEST SPRING-159N.wa
07-04		HIGHWAY TRAILER SALES - 161TT	HIGHWAY TRAILER SALES-161TT
07-05		JK ABBEY CARPET - 199B	JK ABBEY CARPET-199B.wav
07-06		Mariners Game Message - Mariners Game Message	Mariners Game Message.mp3
08-01		LINN BENTON TRACTOR - GRAND L 30	LINN BENTON TRACTOR - GRAND
09-01		SPRINT 3 - MARINERS	Sprint 3.mp3
10-01		TIRE FACTORY - PLUS TAG	TIRE FACTORY - PLUS TAG.MP3
10-02		CHARLES WEATHERS - LANDMARK MORTGAGE	CHARLES WEATHERS - LANDMA
10-03		Freedom Homes - Overwhelming	Freedom Homes Overwhelming Spd
11-01		gensco trane - gensco trane	gensco trane.mp3
12-01		AMERICAN VALUE RV - SERVICE	american value rv service.mp3
12-02		NASE - Merlin Olson 1	NASE Merlin Olson 1 Finished 4-5-0
12-03		BATTERIES PLUS - SPRING SUMMER	batteries plus 30.mp3
12-04		LIGHTING GALLERY - SPRING	lighting gallery 30 final 4-13.mp3
13-01		RICK MAURMANN - rick maurmann coldwell banker	rick maurmann coldwell banker.mp3
13-02		Keith Brown - generic	Keith Brown - generic 4-06 30.mp3
13-03		JK CARPETS - SPRING	JK CARPETS - SPRING.MP3

This window shows the currently selected show you are editing.

The Break-Order# column shows the grouping of the events in the show into BREAKS.

The first event in the first break will be 01-01.

You can quickly determine which commercial break you are looking at and how many events are in the break using this column.

During the Sports Log play out, these breaks will air in order from top to bottom.

If your sporting event alternates between local and network breaks, you can safely use the break numbers in the affiliate clock so it matches.

The Cut column shows the cut number of the scheduled event.

The Description column shows the description from the Cut Info in the Production Database Editor.

And the File Name column shows the actual file name in the JBMusic Folder

6

Settings Area



The screenshot shows a settings window with a black background and white text. The title bar reads "Settings". There are four rows of settings:

Command To Execute Before Break	0
Command To Execute After Break	0
Command To Execute After The Last Break	0
Exit After The Last Break Plays?	<input checked="" type="checkbox"/>

This area lets you control the behavior of the sports interface as it receives relays from your Satellite Switcher.

Command To Execute Before Break: A single user created command cut, typically to mute the satellite audio so breaks can play.

Command To Execute After Break: A single user created command cut, typically to unmute the satellite and stop the log.

Command To Execute After The Last Break: A single user created command cut, typically to mute the satellite and return to normal programming.

Exit After The Last Break Plays checkbox: If you don't have a relay for End Of Game, this checkbox will close the Sports Interface after the final commercial break ends.

Time and Temperature Setup

Time and Temperature Setup allows you to record and schedule time and temperature announcements that are initiated by the Command Cuts 9990 Announce The Time and 9991 Announce The Temperature.

Time and Temperature Grid 1

Day	M	1	2	3	4	5	6	7	8	9	10	11	12	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	11p
SUN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MON	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TUE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
WED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
THU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRI	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SAT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SUN

0	1	2	3	4	5	6	7	8	9	10	11
1	1	1	1	1	1	1	1	1	1	1	1
12	13	14	15	16	17	18	19	20	21	22	23
1	1	1	1	1	1	1	1	1	1	1	1

Save Grid

Jock Voice List 2

Number	Name	Time Type
1	Mike Carta	Hour and Minutes
2	Dave	Hour and Minutes
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		

Name
Mike Carta

Time Type
Hour and Minutes

3 Jock Info Area

Save Jock Info

Edit Temperature Cuts

Edit Time Cuts

4 Edit Buttons

Close

5 Close Button

1

Time and Temperature Grid

Day	M	1	2	3	4	5	6	7	8	9	10	11	12	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	11p
SUN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MON	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TUE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
WED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
THU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRI	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SAT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SUN

0	1	2	3	4	5	6	7	8	9	10	11
1	1	1	1	1	1	1	1	1	1	1	1
12	13	14	15	16	17	18	19	20	21	22	23
1	1	1	1	1	1	1	1	1	1	1	1

This grid shows which Jock number is scheduled to air if the command cuts are used. This allows you to have your Voice Guy all the time or individual Jocks voicing their own shows. Like other grids in DJB Radio, click on the day of the week, and then edit the numbers in the boxes below. Don't forget to hit Save Grid.

2

Jock Voice List

Number	Name	Time Type
1	Mike Carta	Hour and Minutes
2	Dave	Hour and Minutes
3		
4		
5		
6		
7		
8		
9		
10		

This is the list showing which number corresponds to which jock voice and whether that voice will give the time in minutes only or hours and minutes. The blue highlighted line is the jock selected for editing.

3

Jock Info Area



The screenshot shows a dark-themed form with two input fields and a button. The first field is labeled "Name" and contains the text "Mike Carta". The second field is labeled "Time Type" and is a dropdown menu currently showing "Hour and Minutes". A green button labeled "Save Jock Info" is positioned at the bottom right of the form area.

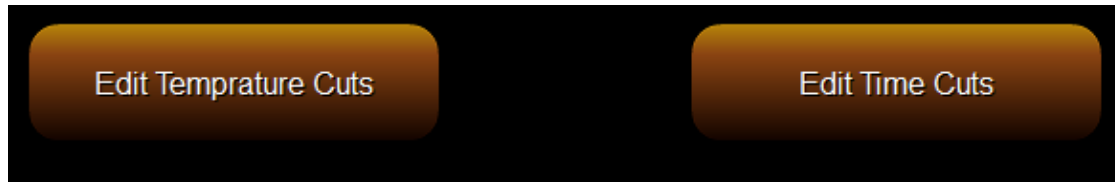
This area allows you to edit the selected jock.

To add a new jock, click on a number that has no info and then input the jock's name and choose Minutes Only (requires 60 cuts) or Hours and Minutes (requires 24x60 or 1,440 cuts for the truly dedicated)

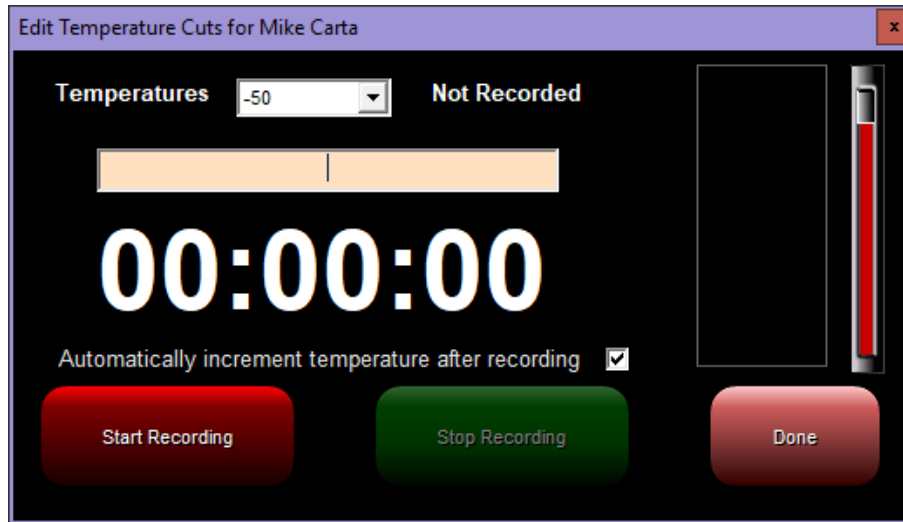
Once you edit the Name or Time Type, click the Save Jock Info button.

4

Edit Buttons



Clicking one of these buttons will open the appropriate interface to record the cuts.



The temperature record interface shows the temperature you are going to record in the drop down box at the top and has a checkbox to automatically advance to the next temperature. These range from --50 to 120 degrees.

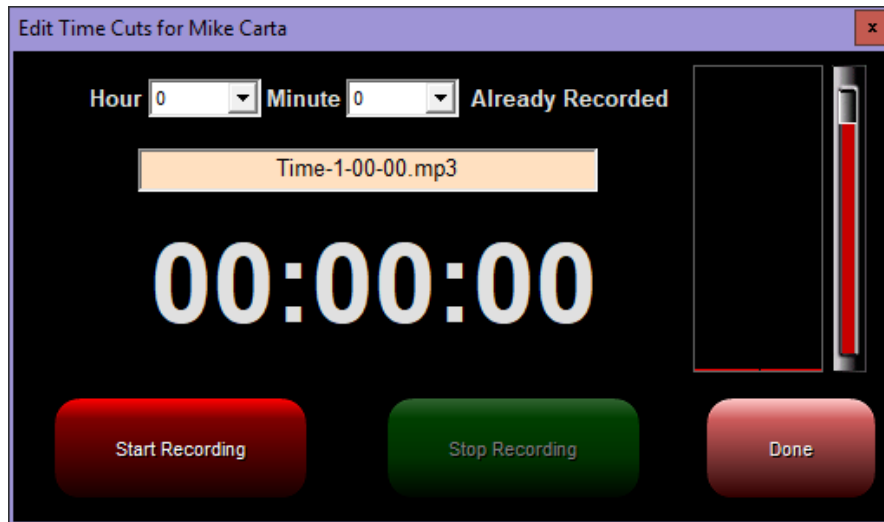
Simply click Start Recording, record the temperature shown in the box and then hit Stop Recording.

If the levels are too hot, you can adjust the, with the slider on the far right.

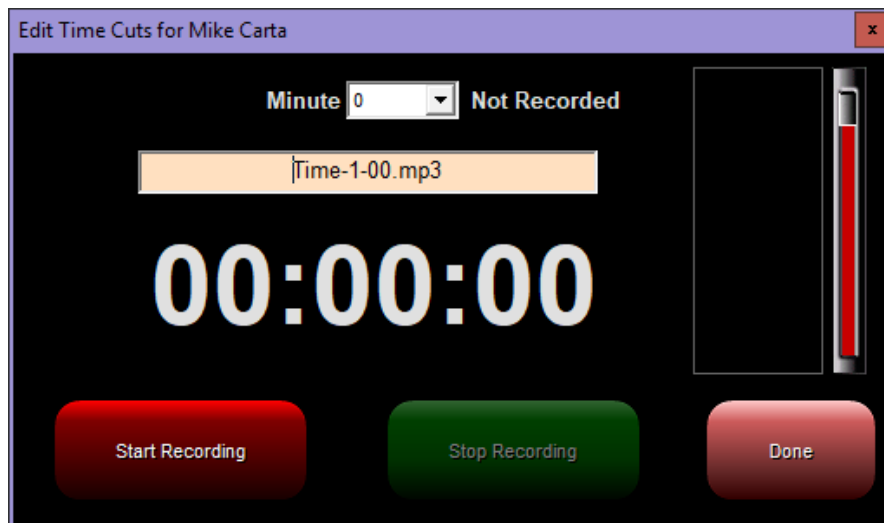
If the checkbox is checked, the next temperature will be ready to record.

There is also an indication of Not Recorded if the file does not exist or Already Recorded if it does. You can still record over an existing cut.

Click the Done button when finished.



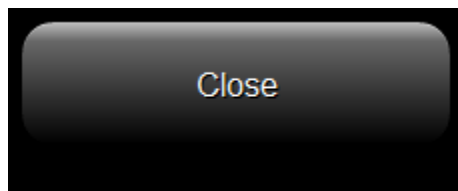
This Edit Time Cuts interface requires you to select the hour and minute you wish to record but otherwise works exactly as the Temperature interface above.



This Edit Time Cuts interface requires you to select only the minute you wish to record but otherwise works exactly as the Temperature interface above.

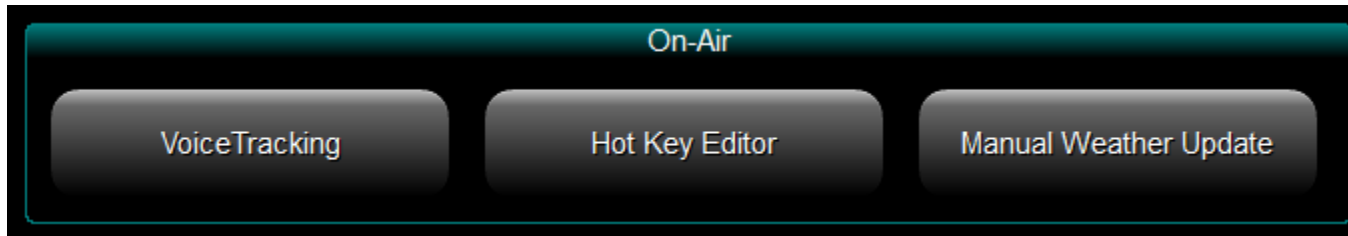
5

Close Button



Click to close the Time and Temperature Setup and return to the main Production Suite screen.

On Air Box



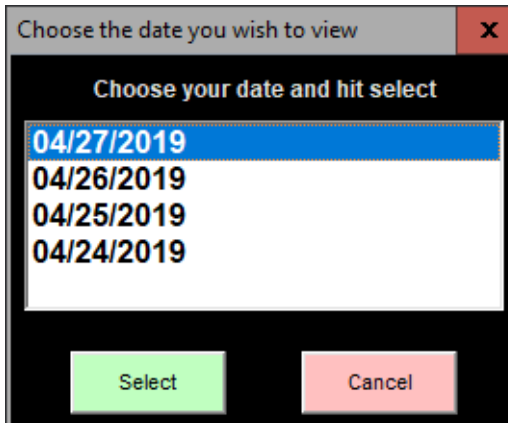
Click one of the links below, or click the picture above to return to the main DJB Radio Production Suite page.

[VoiceTracking](#)

[Hot Key Editor](#)

[Manual Weather Update](#)

VoiceTracking



When you open the Voice Tracking module, you are first offered a choice of logs to view.
Select the date of the log you wish to Voice Track.

VT DJBRadio VoiceTracking - WDJB

VoiceTracking For : Friday September 20, 2019

Time	Type	Cut	Artist	Title	Intro	Length
00:00:00	Legal ID	1	Mike Carta	93.7 DJB Legal ID	01	00:09
00:00:09	COMMAND	9004	COMMAND	PlayHooks		00:00
00:00:09	Music	201	Bryan Adams	Straight From The Heart	06	03:21
00:03:30	Liner	7	Mike Carta	You're Listening to the Digital Jukebox	01	00:09
00:03:40	Music	208	Paul Hardcastle	19	02	03:34
00:07:15	Voicer	31	Mike Carta	Fleetwood Mac Intro	01	00:01
00:07:16	Music	70	Fleetwood Mac	Little Lies	17	03:25
00:10:42	Liner	5	Mike Carta	4 in a Row	01	00:12
00:10:54	Commercial	89	Nestles Crunch	Radio Spot (1980)	01	00:30
00:11:25	COMMAND	9990	COMMAND	Announce The Time		00:00
00:11:25	Commercial	80	TV Commercials	Slinky (It's Slinky)	01	00:53
00:12:18	Commercial	90	A & W Root Beer	A & W Root Beer	01	00:16
00:12:34	COMMAND	9991	COMMAND	Announce The Temperature		00:00
00:12:34	Music	236	Missing Persons	Destination Unknown	09	03:18
00:15:53	VoiceTrack		VoiceTrack	VoiceTrack		00:00
00:15:53	Music	65	Des'ree	You Gotta Be	20	03:51
00:19:45	Liner	10	Mike Carta	This is 93.7 DJB	01	00:09
00:19:54	Music	204	Talk Talk	Talk Talk	14	03:03
00:22:58	VoiceTrack		VoiceTrack	VoiceTrack		00:00
00:22:58	Music	207	Re-Flex	The Politics Of Dancing	01	03:44
00:26:43	Liner	9	Mike Carta	Broadcasting to the Universe	01	00:09

VoiceTracking Information

VoiceTrack Will Play At Approximately 22:59 Past The Hour
For A Perfect VoiceTrack Record For At Least 07 Seconds

That Was...
Talk Talk - Talk Talk
Coming Up Next...
Re-Flex - The Politics Of Dancing

VT Audition Change VT Seg Intro Playback Record Reset VT Seg (AutoSeg)

VT Record Quick Record Record 00:00 Input Level

Current Temp Feels Like
64° 64°
High 71°
Low 58°

Currently it's 64 but Feels Like 64
Sunny
Winds from the ENE at 9 mph

Tomorrow :
High : 82 Low : 55
Partly cloudy

2019-09-21:
High : 85 Low : 61
Sunny

Hot Keys - Page 1 Loaded

Hand Clap Stomp It's Friday It's the Long Weekend Mexican Hat Dance Revelle

01:00 00:14 00:15 00:48 00:03

Drum Roll Rim Shot Short Buzzer Bouy Bell! Thunder Clap

00:17 00:01 00:01 00:28 00:05

Crowd Cheer Gargle Big Rig Horn Tarzan Yell! Chicken Dance

00:08 00:08 00:04 00:04 02:42

MEEP! MEEP! Gasp Laugh! Back In Black

00:01 00:01 04:08

Dave Dave2 Page 3 Page 4 Page 5

Page 6 Page 7 Page 8 Page 9 Page 10

Edit Hot Keys

Hour	Time
12 am	59:30
1 am	03:15
2 am	57:03
3 am	60:33
4 am	62:01
5 am	60:29
6 am	62:59
7 am	56:17
8 am	60:48
9 am	60:24
10 am	63:02
11 am	57:15
12 pm	60:28
1 pm	61:37
2 pm	59:54
3 pm	62:35
4 pm	70:48
5 pm	73:47
6 pm	76:56
7 pm	56:17
8 pm	60:30
9 pm	60:23
10 pm	63:05
11 pm	57:09
Total	24h:47m:46s

Stop All Hot Keys

Navigation Functions

Go To Next VoiceTrack

Go To Hour

Edit Functions

Enable Edit Functions

Insert VoiceTrack

Delete Item

Audio & Event Library

Schedule Hour Lengths

Exit VoiceTracking

Log Window 1

Hot Keys 2

Voice Tracking Area 3

Navigation Functions 5

Weather Area 4

Edit Functions Area 6

Schedule Hour Lengths 7

Exit Button 8

1

Log Window

VoiceTracking For : Friday September 20, 2019

Time	Type	Cut	Artist	Title	Intro	Length
00:00:00	Legal ID	1	Mike Carta	93.7 DJB Legal ID	01	00:09
00:00:09	COMMAND	9004	COMMAND	PlayHooks		00:00
00:00:09	Music	201	Bryan Adams	Straight From The Heart	06	03:21
00:03:30	Liner	7	Mike Carta	You're Listening to the Digital Jukebox	01	00:09
00:03:40	Music	208	Paul Hardcastle	19	02	03:34
00:07:15	Voicer	31	Mike Carta	Fleetwood Mac Intro	01	00:01
00:07:16	Music	70	Fleetwood Mac	Little Lies	17	03:25
00:10:42	Liner	5	Mike Carta	4 in a Row	01	00:12
00:10:54	Commercial	89	Nestles Crunch	Radio Spot (1980)	01	00:30
00:11:25	COMMAND	9990	COMMAND	Announce The Time		00:00
00:11:25	Commercial	90	TV Commercials	Slinky (It's Slinky)	01	00:53
00:12:18	Commercial	80	A & W Root Beer	A & W Root Beer	01	00:16
00:12:34	COMMAND	9991	COMMAND	Announce The Temperature		00:00
00:12:34	Music	236	Missing Persons	Destination Unknown	09	03:18
00:15:53	VoiceTrack		VoiceTrack	VoiceTrack		00:00
00:15:53	Music	65	Des'ree	You Gotta Be	20	03:51
00:19:45	Liner	10	Mike Carta	This is 93.7 DJB	01	00:09
00:19:54	Music	204	Talk Talk	Talk Talk	14	03:03
00:22:58	VoiceTrack		VoiceTrack	VoiceTrack		00:00
00:22:58	Music	207	Re-Flex	The Politics Of Dancing	01	03:44
00:26:43	Liner	9	Mike Carta	Broadcasting to the Universe	01	00:09

VoiceTracking Information

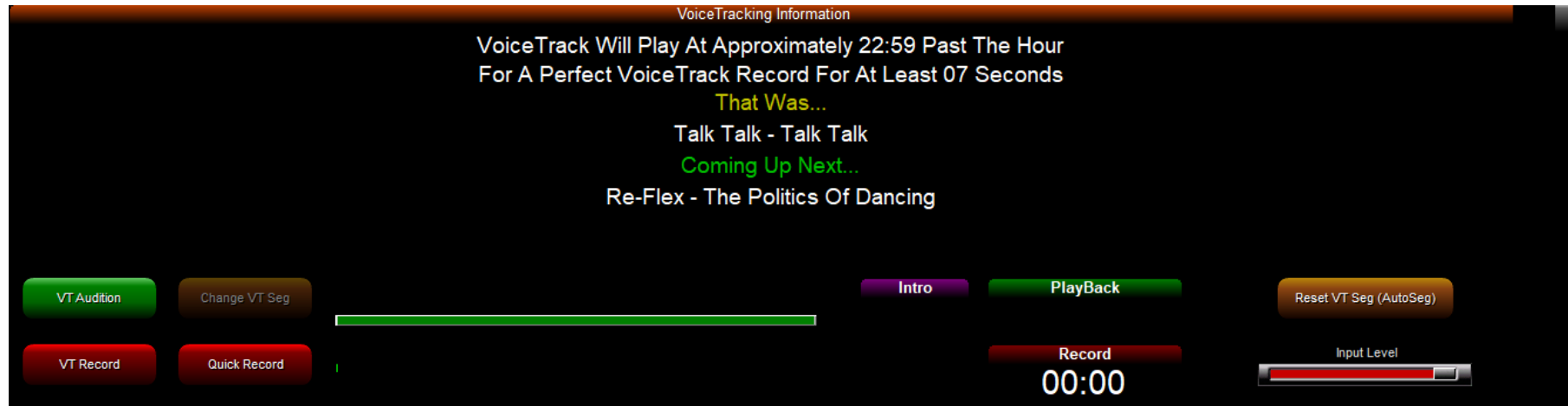
This window acts just like the [Log Editor](#) (If the Edit Functions are [Enabled](#)) and shows the events in a particular day's log.

The screenshot shows a software interface titled "Hot Keys - Page 1 Loaded". It features a grid of 25 buttons arranged in 5 rows and 5 columns. The first four rows contain audio effects with their respective durations. The fifth row contains navigation buttons for pages 3 through 10. At the bottom, there are two larger buttons: "Edit Hot Keys" and "Stop All Hot Keys".

Button Label	Duration
Hand Clap Stomp	01:00
It's Friday	00:14
It's the Long Weekend	00:15
Mexican Hat Dance	00:48
Revelle	00:03
Drum Roll	00:17
Rim Shot	00:01
Short Buzzer	00:01
Bouy Bell	00:28
Thunder Clap	00:05
Crowd Cheer	00:08
Gargle	00:08
Big Rig Horn	00:04
Tarzan Yell	00:04
Chicken Dance	02:42
MEEP ! MEEP !	00:01
Gasp Laugh !	00:01
Back In Black	04:08
Dave	
Dave2	
Page 3	
Page 4	
Page 5	
Page 6	
Page 7	
Page 8	
Page 9	
Page 10	

The Hotkeys are available for play during Voice Tracking, but keep in mind their playout channel is set in the [Settings](#) and the Voice Tracking recording input will only hear them if routed through your console bus to the input. For example, if you are Voice Tracking in the AUD bus on the console, the hotkeys pot will have to be turned on, potted up, and in AUD for the Hot Key audio to be part of the finished Voice Track.

Voice Tracking Area



This area contains all of the information you need as well as the controls to record and play back your Voice Track. First it shows the approximate time in the hour that the track will play and suggests a Voice Track Length to fit the intro of the second element. Then it shows "That Was..." and then the title and artist of the element before the VT. Then it shows "Coming Up Next..." and then the title and artist of the element after the VT.

Below that are the controls and indicators for Voice Tracking.

First let's talk about the recording buttons.

VT Record (Outro and Record) Plays the last few seconds of the element before the VT and then allows you to record. While recording the button says Set VT Seg which would tell the element after the VT when to start. You can continue to record over the intro of the second element until you push the button which now reads Stop VT Record. This gives you the full DJ experience: hearing the outro and talking over the intro of the next song.

The second record option says Quick Record which only records your voice track. Then uses the intro and outro times to automatically place your voice track with auto-segues.

On the far right is a button labeled Reset VT Seg (AutoSeg).

This button removes any segue marks you might have made and places the VT automatically based on the length of the VT and the intro time of the second event. If you don't have your intro times setup correctly, this can make your VT play in its entirety as a dry voice. To see about setting the intro times, look [HERE](#)

4

Weather Area

<p>Current Temp</p> <p>64°</p>	<p>Feels Like</p> <p>64°</p> <p>High</p> <p>71°</p> <p>Low</p> <p>58°</p>	<p>Currently it's 64 but Feels Like 64</p> <p>Sunny</p> <p>Winds from the ENE at 9 mph</p>	<p>Tomorrow :</p> <p>High : 82 Low : 55</p> <p>Partly cloudy</p>	<p>2019-09-21:</p> <p>High : 85 Low : 61</p> <p>Sunny</p>
---------------------------------------	--	--	--	---

This area shows the weather for today and the next 2 days in case you want to mention it in your VT.

5

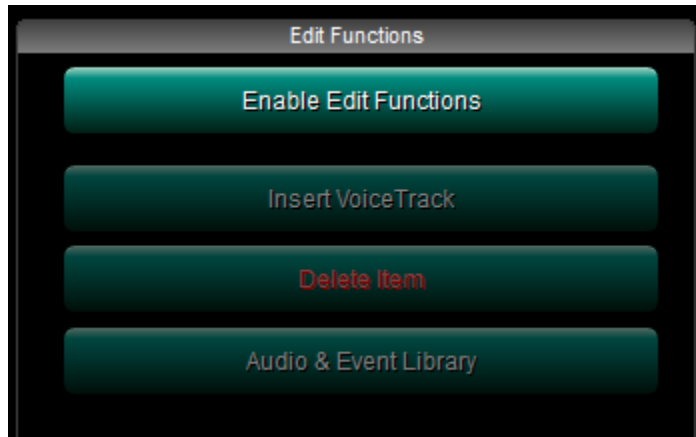
Navigation Functions

The image shows a dark-themed menu titled "Navigation Functions". It contains two large, rounded rectangular buttons with a gradient. The top button is labeled "Go To Next VoiceTrack" and the bottom button is labeled "Go To Hour".

These buttons allow you to navigate the log. Go To Next VoiceTrack jumps ahead in the log to the next voice track position. Go To Hour brings up an interface to allow you to select the hour to begin voice tracking.

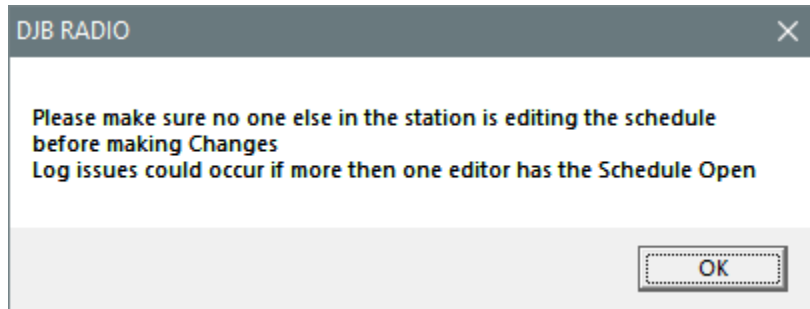
6

Edit Functions Area



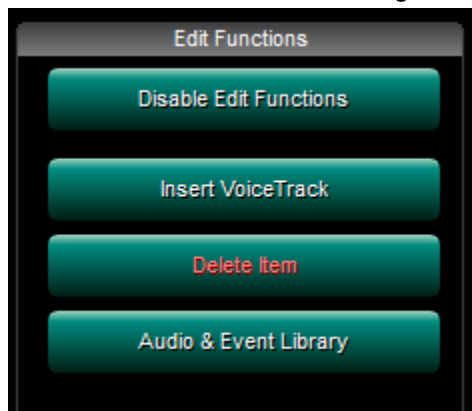
The edit functions area of DJB Radio has a new feature: The Enable Edit Functions button. This is to prevent accidental moving of log items and also prevents adding voice tracks that are not in the log file already.

Once the Enable Edit Functions button is pressed, you see the following warning:



In order to add User Voice Tracks, add or delete items from the log, or move items within the log the OK button must be clicked.

Once OK is clicked, the remaining buttons become active and the Enable Edit Functions button becomes the Disable Edit Functions button.



If you click Disable Edit Functions, the remaining buttons dim and are unavailable again. Insert Voice Track adds a new VT into the log. They will have a UVT prefix to differentiate from scheduled VTs. Delete Item will remove the selected item from the log you are editing. Audio and Event Library brings up the standard window that allows you to add audio, Multi-Cut Carts, and/or Commands.

DJ/B RADIO Audio & Event Library
— □ ×

Audio Library
Multi Cut Carts
Commands

Audio Library

Database Load Time - 0 Items Loaded - 1177

Cut #	Artist	Title	Intro	Length	Type	Cat
00070	Fleetwood Mac	Little Lies	17	03:25	Music	A
00071	Michael Buble	Everything	15	03:23	Music	A
00072	Maroon 5	Makes Me Wonder	17	03:28	Music	A
00073	Roxette	It Must Have Been Love	13	03:41	Music	A
00074	Carly Rae Jepsen	Call Me Maybe	4	03:04	Music	A
00075	Jordin Sparks	No Air	0	04:18	Music	A
00076	Christina Aguilera	Genie In A Bottle	5	03:36	Music	A
00077	James Taylor	Carolina in My Mind	0.5	03:59	Music	
00080	A & W Root Beer	A & W Root Beer	0.5	00:16	Commercial	
00081	Advertise On Radio Spot	Advertise On Radio Spot	0.5	01:01	Commercial	
00082	Alka Seltzer	Plop Plop Fizz Fizz	0.5	00:27	Commercial	
00083	Car	Studebaker	0.5	00:17	Commercial	
00084	Coca Cola Jingle	1999	0.5	00:58	Commercial	
00085	Boston Pizza	All Meat Wings	0	00:29	Commercial	
00086	Montanas	Rib Event	0	00:30	Commercial	
00087	Delta Airlines	Delta Airlines	0.5	00:59	Commercial	
00088	Motel 6	America	0.5	00:59	Commercial	

Search :
Artist

Search
Clear

CutNo

Length

Intro

Artist

Title

Album/Outcue

Composer

Label

Artist2

Artist3

Activation Date

Expire Date

Year

Sync Item - Optional

Enter a Time this item will be made next to play Format is MMSS So to play at 58:30 Enter 5830

Exact Time item will play at the time entered

7

Schedule Hour Lengths

Hour	Time
12 am	59:30
1 am	63:15
2 am	57:18
3 am	60:33
4 am	62:01
5 am	60:29
6 am	62:50
7 am	56:17
8 am	60:46
9 am	60:24
10 am	63:02
11 am	57:15
12 pm	60:26
1 pm	61:37
2 pm	59:54
3 pm	62:35
4 pm	70:46
5 pm	73:47
6 pm	76:56
7 pm	56:17
8 pm	60:38
9 pm	60:23
10 pm	63:05
11 pm	57:09
Total	24h:47m:46s

This area shows each hour of the day and how much audio file time is scheduled as well as a total for the day.

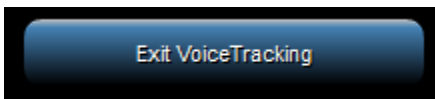
Note: If you run satellite programming or other alternate programming the hours may appear too short.

For example if a satellite show only gives you 12 minutes of local breaks, that hour may only show 12:00 instead of 60:00.

It also does not take into account microphone time.

8

Exit Button



As you would expect, this closes the Voice Tracking interface.

PRO TIP:



**Simple 3rd Party Digital Editor - Recorder - Condenser Mic (PopScreen)
Direct to Computer - Acoustic Foam Optional but is a Game Changer for Audio Quality
This would be an ideal setup for [Voice Tracking](#)**

Hot Key Editor

The Hot Key Editor in the Production suite lets you set up the Hot Keys that are available in the DJB Radio On Air software.

Audio Library 1

Hot Keys Setup

DJB Library

- All Cuts
- Audio Types
- Categories

Database Load Time - 0

Audi...	Cut #	Artist	Title	Length
Play	00001	Mike Carta	93.7 DJB Legal ID	00:09
Play	00002	AC/DC	Back In Black	04:08
Play	00003	AC/DC	Back In Black-short	04:08
Play	00004	AC/DC	Back In Black	04:08
Play	00005	Mike Carta	4 in a Row	00:13
Play	00006	Mike Carta	93.7 DJB	00:06
Play	00007	Mike Carta	You're Listening to L...	00:09
Play	00008	Mike Carta	Smiles Worldwide	00:10
Play	00009	Mike Carta	Broadcasting to the...	00:09
Play	00010	Mike Carta	This is 93.7 DJB	00:09
Play	00011	Mike Carta	The DJB Automati...	00:06
Play	00014	Mike Carta	Rewind to the 70's	00:08
Play	00015	Mike Carta	Back to the 80's	00:05
Play	00020	Hooks	Opener	00:04
Play	00021	Hooks	And This 1	00:00
Play	00022	Hooks	And This 2	00:00
Play	00023	Hooks	And This 3	00:01
Play	00024	Hooks	Closer	00:03
Play	00030	Mike Carta	Chicago Intro	00:09
Play	00031	Mike Carta	Fleetwood Mac Intro	00:09
Play	00032	Mike Carta	Best Music From Y...	00:05
Play	00033	Mike Carta	Best Music From Y...	00:09
Play	00034	Mike Carta	Music From Yester...	00:06
Play	00035	Mike Carta	Elton John Intro	00:09
Play	00036	Mike Carta	Return From Break	00:04
Play	00040		Hand Claps Stomp	01:00

Hand Clap Stomp

It's Friday

It's the Long Weekend

Mexican Hat Dance

Revelle

Drum Roll

Rim Shot

Short Buzzer

Bouy Bell

Thunder Clap

Crowd Cheer

Gargle

Big Rig Horn

Tarzan Yell

Chicken Dance

MEEP! MEEP!

Gasp Laugh!

Back In Black

Drag From the Audio List to Button To Change

SFX

Page 2

Page 3

Page 4

Page 5

Page 6

Page 7

Page 8

Page 9

Page 10

To Change a Page Name - Enter Text and Press Change

Hot Key Text	Cut #
Hand Clap Stomp	40
It's Friday	41
It's the Long Weekend	42
Mexican Hat Dance	43
Revelle	44
Drum Roll	45
Rim Shot	46
Short Buzzer	47
Bouy Bell	48
Thunder Clap	49
Crowd Cheer	50
Gargle	51
Big Rig Horn	52
Tarzan Yell	54
Chicken Dance	55
MEEP! MEEP!	56
Gasp Laugh!	57
Back In Black	2

Find a Cut #

Hot Keys

Hot Keys Pages

Hot Key Buttons Info

Close Button

1

Audio Library

The screenshot shows a software interface for a DJB Library. On the left is a sidebar with a tree view containing 'All Cuts', 'Audio Types', and 'Categories'. The main area is a table titled 'Database Load Time - 0' with columns: 'Audi...', 'Cut #', 'Artist', 'Title', and 'Length'. The table lists 20 items, each starting with a 'Play' button. At the bottom, there is a search section with the text 'Find a Cut #' above a text input field and a 'Search' button.

Audi...	Cut #	Artist	Title	Length
Play	00001	Mike Carta	93.7 DJB Legal ID	00:09
Play	00002	AC/DC	Back In Black	04:08
Play	00003	AC/DC	Back In Black-short	04:08
Play	00004	AC/DC	Back In Black	04:08
Play	00005	Mike Carta	4 in a Row	00:13
Play	00006	Mike Carta	93.7 DJB	00:06
Play	00007	Mike Carta	You're Listening to t...	00:09
Play	00008	Mike Carta	Smiles Worldwide	00:10
Play	00009	Mike Carta	Broadcasting to the...	00:09
Play	00010	Mike Carta	This is 93.7 DJB	00:09
Play	00011	Mike Carta	The DJB Automatio...	00:06
Play	00014	Mike Carta	Rewind to the 70's	00:08
Play	00015	Mike Carta	Back to the 80's	00:05
Play	00020	Hooks	Opener	00:04
Play	00021	Hooks	And This 1	00:00
Play	00022	Hooks	And This 2	00:00
Play	00023	Hooks	And This 3	00:01
Play	00024	Hooks	Closer	00:03
Play	00030	Mike Carta	Chicago Intro	00:09
Play	00031	Mike Carta	Fleetwood Mac Intro	00:09
Play	00032	Mike Carta	Best Music From Y...	00:05
Play	00033	Mike Carta	Best Music From Y...	00:09
Play	00034	Mike Carta	Music From Yester...	00:06
Play	00035	Mike Carta	Elton John Intro	00:09
Play	00036	Mike Carta	Return From Break	00:04
Play	00040	Hand Claps Stomp		01:00

This is the library window from which to drag items onto the Hot Keys buttons.

You can filter the library by Audio Type, Category, or see All Cuts.

Below the list is a search box where you can put in a cut number and hit search rather than scrolling down the library.

Hot Keys



This area shows the current Page of Hot Keys.

Each page contains 20 buttons that can be filled with any audio cut in the DJB Production Database. The text on the button is customizable and the length of the audio cut is displayed below each button.

3

Hot Keys Pages



The red buttons allow you to select one of 10 pages of 20 Hot Keys each.

You can use the pages for different types of audio cuts, different on air personalities, or both.

If you want to name the pages, select the page button, type the name in the box to the left of the Change button and then click the Change button.

In the example above Page 1 has been renamed: "SFX"

Hot Key Buttons Info

Hot Key Text	Cut #	
Hand Clap Stomp	40	Clear
It's Friday	41	Clear
It's the Long Weekend	42	Clear
Mexican Hat Dance	43	Clear
Revelle	44	Clear
Drum Roll	45	Clear
Rim Shot	46	Clear
Short Buzzer	47	Clear
Bouy Bell	48	Clear
Thunder Clap	49	Clear
Crowd Cheer	50	Clear
Gargle	51	Clear
Big Rig Horn	52	Clear
Tarzan Yell	54	Clear
Chicken Dance	55	Clear
MEEP! MEEP!	56	Clear
Gasp Laugh!	57	Clear
Back In Black	2	Clear
		Clear
		Clear

Save Close

The Hot Key Text boxes are where you can change the text on the buttons.

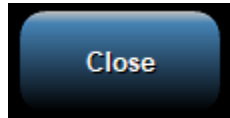
The Cut # column shows the actual cut number of each sound file.

They will be located in the JBMusic folder and be named DJB_Cut#.wav (or mp3, etc.)

To remove a cut and its corresponding text from a button, click the clear button on the right.

5

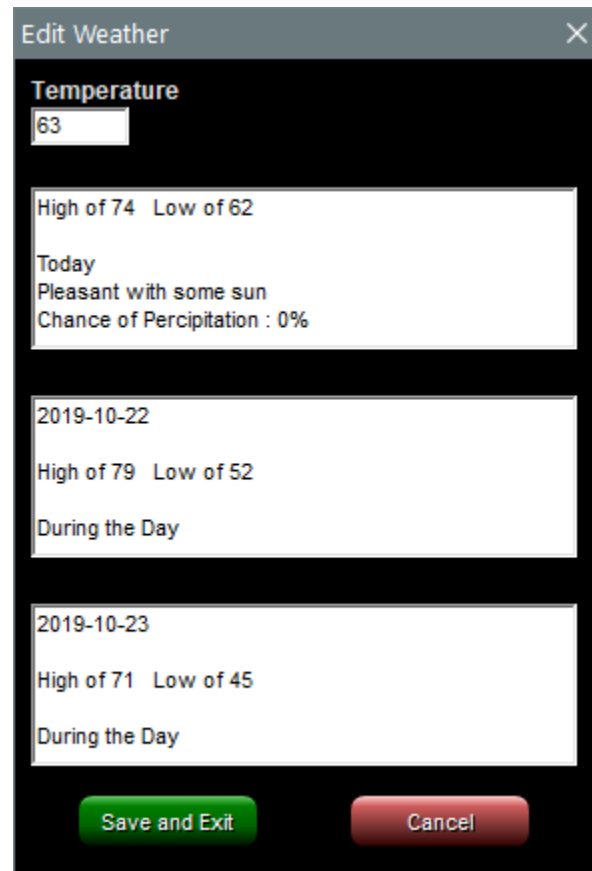
Close Button



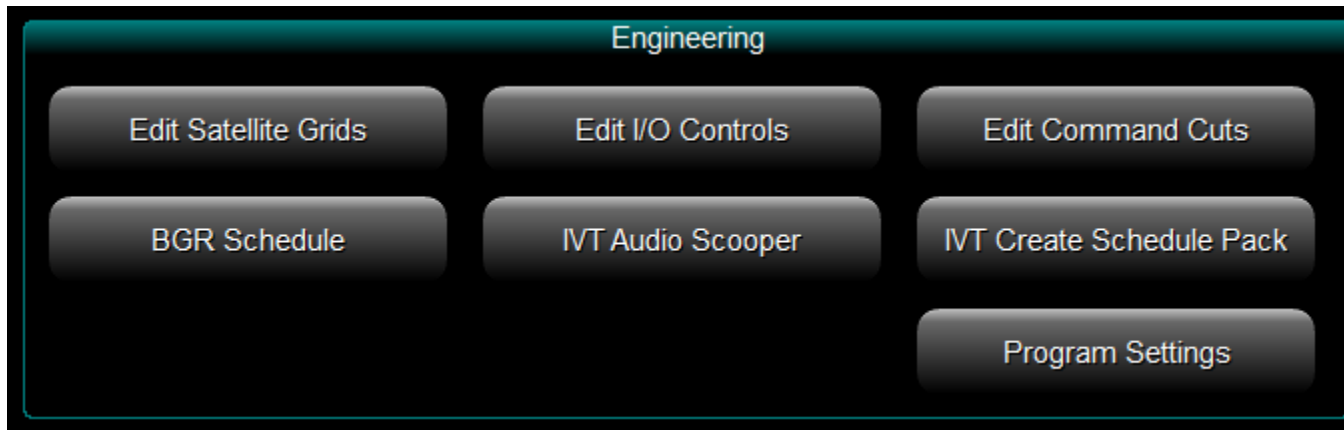
As you would expect this button closes the Hot Key Editor.

Manual Weather Update

This allows you to make notes or add information, but will be overwritten when the DJB Weather Updater next checks the weather. The default interval for the DJB Weather Updater is 60 minutes.



Engineering Box



Click one of the links below, or click the picture above to return to the main DJB Radio Production Suite page.

[Edit Satellite Grids](#)

[Edit I/O Controls](#)

[Edit Command Cuts](#)

[BGR Schedule](#)

[IVT Audio Scooper](#)

[IVT Create Schedule Pack](#)

[Program Settings](#)

Edit I/O Controls

Edit I/O controls is where you will set up satellite shows, music formats, talk shows, etc....

Any Show that is hooked to your Digital I/O Switcher and has input triggers (relays) can be setup in this section.

If a show does not have any Input triggers, you do not need to set it up in this section.

You can program inputs 1 through 16 to execute a command, play a cut, or play a Muti-Cut Cart.

Input/Output Controls

2 Show Name

1 Show List

#	Description	Sattelite Name	File or Word	Description	Relays
0	System Closures	System Closures			
1	Joe Schmoe		9700	Play the next event	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Valid Commands

PLAY

This Command will start the next event in the schedule

1 to 49999

This Command will Play the Audio cut number specified

AUTO

This Command Will place the system in Automated mode.

STOP

This Command will place the system in the Jock Assist Mode

SPORTS

This command will tell the Sports Interface Program to play the next stop set.

SPORTSOFF

This will end the usage of the sports interface program and go back to normal

3 Inputs 1-16

4 Output Relays

5 Valid Commands List

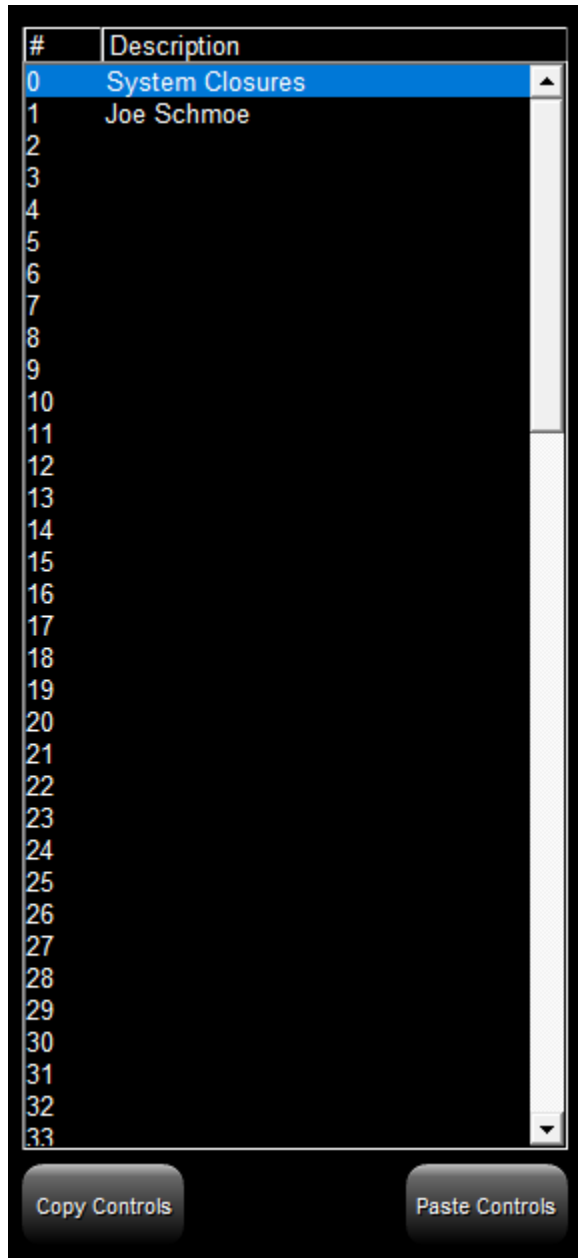
Copy Controls

Paste Controls

Save

1

Show List



The screenshot shows a vertical list of I/O sets. The first row is highlighted in blue. Below the list are two buttons: 'Copy Controls' and 'Paste Controls'.

#	Description
0	System Closures
1	Joe Schmoe
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	

There are 100 available I/O (Input/Output) sets.

I/O number zero (0) defaults to "System Closures," and is basically used when no satellite shows are active.

Numbers 1-99 can be created as needed for various satellite shows although the Joe Schmoe show is in the list at first look.

These numbers are then plugged into the Satellite Grid to turn the relays for that show on.

Closures can be copied and pasted using the buttons at the bottom to duplicate a show.

2

Show Name

Sattelite Name

To create a new show, click on a blank line and type the name in the "Satellite Name" box and click Save in the lower, right-hand corner.

3

Inputs 1-16

	File or Word		Description
1	9700	...	Play the next event
2		...	
3		...	
4		...	
5		...	
6		...	
7		...	
8		...	
9		...	
10		...	
11		...	
12		...	
13		...	
14		...	
15		...	
16		...	

In the center, the first column labeled "File or Word" consists of 16 boxes that represent the 16 inputs that DJB Radio can receive from your I/O device. If you are using a broadcast Tools switcher with 16 PIP inputs then they PIP numbers correspond directly to these boxes.

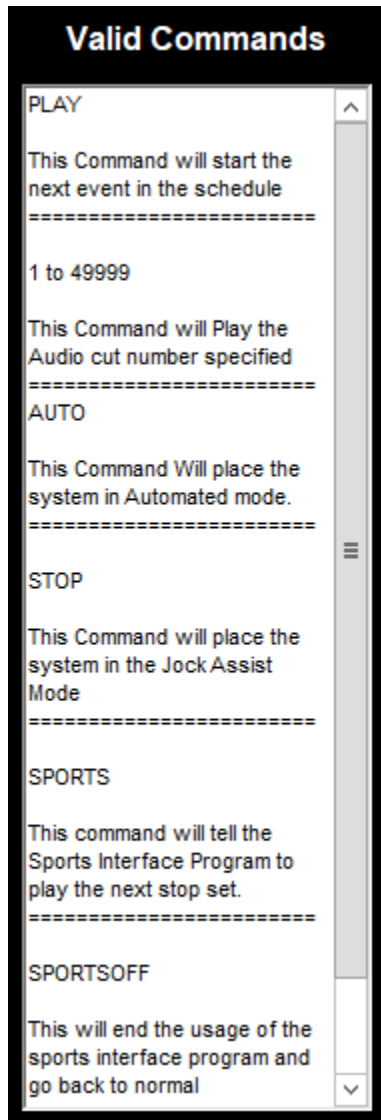
You can type a Cut number in this box and when the Input is triggered, that audio file will play on the Satellite Triggered channel set in the On Air Settings. If you don't know the cut number you can click the browse button [...] and choose it from the event library.

You can also type in one of the Valid Command words from the list on the far right.

In the Description box you should type something meaningful for that relay input to indicate its purpose.

5

Valid Commands List



This box shows the commands recognized by DJB Radio for use with satellite I/O triggers.

9700 or the word PLAY

These Commands will simply play the currently highlighted event on the On Air screen. Input 1 always performs this task. It's meant to act as a remote segue button.

=====

1 to 29999 and 31000-99999

These Commands will tell the program to fire the audio cut entered into this field when the input is triggered.

=====

30000 to 30999

These Commands will fire a multiple cut cart when the input is triggered.

=====

9701 or the word AUTO

These Commands will play the next event and then place the system into the Automated mode to continue playing audio cuts until a jock assist command is seen in the On Air screen.

=====

STOP

This Command will place the system in the Jock Assist Mode so it can await the next trigger from the satellite network.

=====

SPORTS

This command will tell the Sports Interface Program to play the next stop set.

=====

SportsOFF

This will end the usage of the sports interface program so you can go back to normal programming. It will automatically place the system into the Automated Mode.

Edit Satellite Grids

Satellite Grid x

Day	M	1	2	3	4	5	6	7	8	9	10	11	12	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	11p
SUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
THU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUN

0	1	2	3	4	5	6	7	8	9	10	11
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
12	13	14	15	16	17	18	19	20	21	22	23
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Once you have created all of your Input/Output controls, you need to tell the Grid, which controls to use during which hours. In the example above from Wednesday from 8PM to 11:59PM is I/O Control number 1, The Joe Schmoe Show. The rest of the week uses I/O Control set zero.

To make changes here, click on the day you wish to edit and change the numbers in the boxes corresponding to each hour (in military time) and click Save.

All relay inputs can be disabled by Command Cut 9800; Turn ALL Inputs OFF
They can be re-enabled by Command Cut 9801; Turn ALL Inputs ON

This Grid is activated by a Command Cut with the text: USEIOCONTROL GRID
You can disable the grid by specifying a number: USEIOCONTROL 0
This would prevent the Wednesday night show from using I/O Control number 1.

Edit Command Cuts

The screenshot shows the 'Edit Command Cuts' application window. It is divided into two main panes: 'Edit Command Cuts' on the left and 'Instructions' on the right. Below the panes is a 'Command Edit Area' and two buttons: 'Save Changes' and 'Exit'.

1 Command List: A list of command cuts, including:
9000 - *WAIT120;Pause 2 Minutes
9001 - *BTSS*1MA
9002 - #PLAY125
9003 - !9800
9004 - PlayHooks
9005 - !9994;EXACT TIME COMMAND GO AUTO
9006 -
9007 -
9008 - Half Hour Time Sync;AUSTIN KELLY SYNC
9009 - Half Hour Time Sync
9010 - *BTSS*1071!/9996;SIMULCAST FM STUDIO
9011 - *BTSS*1MA/9994;FM STUDIO OFF AND AUTO ON
9012 -
9013 - *BTSS*1041/9996;CHURCH SERVICE OVER PHONE LINE
9014 - *BTSS*1MA1/9994;PHONE LINE OFF
9015 -
9016 - *BTSS*1OR4L;Start CD Player Closure
9017 - *BTSS*1081;CD CH on SWITCHER
9018 - *BTSS*1MA1/9994;CD CHANNEL OFF
9019 -
9020 - *BTSS*1061/9996;BACK ROOM STUDIO CHURCH ON
9021 - *BTSS*1MA/9994;BACK ROOM STUDIO CHURCH OFF
9022 - USEIOCONTROL 07;SYSTEM CONTROL FOR BRAVES
9023 - USEIOCONTROL GRID;SYSTEM CONTROL FOR WCON AM
9024 - *BTSS*1OR3L/*BTSS*1OR3L/*BTSS*1OR3L;LIGHTS ON
9025 - *BTSS*1OR3F/*BTSS*1OR3F/*BTSS*1OR3F;LIGHTS OFF
9026 -
9027 - *BTSS*1031;COMREX REMOTE UNIT ON AIR
9028 - *BTSS*103M1;COMREX REMOTE UNIT OFF
9029 -

2 Command Edit Area: A text input field at the bottom left of the window.

3 Command Cut Instruction Area: The right pane contains instructions for various command cut symbols:
#PLAY
Have the onair screen play the file# located after the #PLAY
#PLAY1000 will play audio cut 1000

@MM:SS
If the command has the @ symbol as the first character it will be a Time Marker
when calculating the schedule times the items
past this marker will begin calculating from the set time MM:SS
@20:00 will set a time marker for 20 minutes after the hour all items
following
this item will begin calculating after the 20 minute mark, items will be based
off this
time, till we get to the next marker or the top of the next hour, which ever is
first

*BTSS
Have the onair screen send the command located after the *BTSS the the
active
serial port.
*BTSS*1044 will send the Broadcast tools command *1044 out to the
Broadcast Tools switcher

URL= Live internet audio
If you want to play a file from the internet, use the following format:

4 Exit Button: The 'Exit' button located at the bottom right of the window.

1

Command List

```

9000 - ^WAIT120;Pause 2 Minutes
9001 - *BTSS*1MA
9002 - #PLAY125
9003 - !9800
9004 - PlayHooks
9005 - !9994;EXACT TIME COMMAND GO AUTO
9006 -
9007 -
9008 - Half Hour Time Sync;AUSTIN KELLY SYNC
9009 - Half Hour Time Sync
9010 - *BTSS*1071/!9996;SIMULCAST FM STUDIO
9011 - *BTSS*1MA/!9994;FM STUDIO OFF AND AUTO ON
9012 -
9013 - *BTSS*1041/!9996;CHURCH SERVICE OVER PHONE LINE
9014 - *BTSS*1MA1/!9994;PHONE LINE OFF
9015 -
9016 - *BTSS*10R4L;Start CD Player Closure
9017 - *BTSS*1081;CD CH on SWITCHER
9018 - *BTSS*1MA1/!9994;CD CHANNEL OFF
9019 -
9020 - *BTSS*1061/!9996;BACK ROOM STUDIO CHURCH ON
9021 - *BTSS*1MA/!9994;BACK ROOM STUDIO CHURCH OFF
9022 - USEIOCONTROL 07;SYSTEM CONTROL FOR BRAVES
9023 - USEIOCONTROL GRID;SYSTEM CONTROL FOR WCON AM
9024 - *BTSS*10R3L/*BTSS*10R3L/*BTSS*10R3L;LIGHTS ON
9025 - *BTSS*10R3F/*BTSS*10R3F/*BTSS*10R3F;LIGHTS OFF
9026 -
9027 - *BTSS*1031;COMREX REMOTE UNIT ON AIR
9028 - *BTSS*103M1;COMREX REMOTE UNIT OFF
9029 -

```

This is where you can create and edit User Commands from number 9000 to 9199.

There are also system commands from 9200-9999

9201-9220 Stopset Commands used when importing from external traffic.

9301-9316 Pulse Output Relays 1-16

9401-9416 Turn ON Output Relays 1-16

9501-9516 Turn OFF Output Relays 1-16

9600 Scheduled Voice Track

9601 Internet Voice Track

9800 Turn ALL Inputs OFF

9801 Turn ALL Inputs ON

9990 Announce The Time

9991 Announce The Temperature

9993 Music Slot for Importing External Music

9994 Automated Mode

9996 Jock Assist Mode

9999 Hourly Time Update - This should be the last event in each schedule hour.

2

Command Edit Area

After you click on a Command Cut number you can edit the existing text or create a new command in this box.
After you make any changes, click the Save Changes button.

Instructions

#PLAY

Have the onair screen play the file# located after the #PLAY

#PLAY1000 will play audio cut 1000

@MM:SS

If the command has the @ symbol as the first character it will be a Time Marker
when calculating the schedule times the items
past this marker will begin calculating from the set time MM:SS
@20:00 will set a time marker for 20 minutes after the hour all items
following
this time will begin calculating after the 20 minute mark, items will be based
off this
time, till we get to the next marker or the top of the next hour, which ever is
first

*BTSS

Have the onair screen send the command located after the *BTSS the the
active
serial port.

*BTSS*1044 will send the Broadcast tools command *1044 out to the
Broadcast Tools switcher

URL= Live internet audio

If you want to play a file from the internet, use the following format:

This box contains instructions and examples of how to use the command cuts.
Once created, these command cuts will show up in the Audio & Event Library on the Commands page.

COMMANDS:

#PLAY XXXXX

Have the On Air screen play the file# located after the #PLAY

#PLAY1000 will play audio cut 1000

@MM:SS

If the command has the @ symbol as the first character it will be a Time Marker.

When calculating the schedule times, the items past this marker will begin calculating from the set time MM:SS @20:00 will set a time marker for 20 minutes after the hour all items following this time will begin calculating after the 20 minute mark, items will be based off this time, till we get to the next marker or the top of the next hour, whichever comes first.

*BTSS

Have the On Air screen send the command located after the *BTSS the the active serial port.
*BTSS*1044 will send the Broadcast tools command *1044 out to the Broadcast Tools switcher.

URL= Live internet audio

If you want to play a file from the internet, use the following format:
URL=http://www.radioforecast.com/spots/krajfmam.mp3 ending=2;The Weather
It will load and play the forecast and then start the next event 2 seconds from the end of the weather forecast.

URLVolume XX

Adjust the level of a hot internet audio stream by replacing XX a percentage from 1 to 99.

StopURL

This will stop the URL= Command from playing.

SignOn

This tells the DJB Radio where to start playing after the sign on time is reached.
If you do not use the SignOn command, it will start at the beginning of the hour.

USEIOCONTROL XX

USEIOCONTROL XX where XX is the grid number between 0 and 99.
This will allow your to switch Satellite I/O controls to something other than the one used in the grid.
You can also label the command after a semi-colon(;): USEIOCONTROL 4;Switch to Dr. Laura.
USEIOCONTROL GRID will switch back to the hourly grid settings.

^WAIT XXX

^WAIT120 will have the On Air screen pause 120 seconds after the ^WAIT

Command Labels for the On-Air Screen

Since #PLAY2000/!9800/!9405/^WAIT120 is not a very attractive thing to have on your on-air screen, you can label the command by using a semi-colon (;) followed by the label that you want on the screen.
IE:#PLAY2000/!9800/!9405/^WAIT120;Legal ID and CBS News

Stacking Commands

You can put multiple commands on a single line using a slash (/).
#PLAY2000/!9800/!9405/^WAIT120
This will play cut number 2000, then turn all inputs off, then turn on relay 5, then wait 120 seconds.

If a Wait command is used it should be the last command in the stack and should not be used in combination with !9700 or !9701.
Any commands that follow the wait will be processed right away, not after the wait.

!9XXX

Can be used to call one of the preconfigured commands in a stacking command.

Commands that can be used

!9700 calls the Play Next Command

!9701 calls the Plays the next event and puts the system in automation mode

!9996 calls the Jock Assist mode command

!9994 calls the Automation mode command

!9800 calls the Inputs Off Command

!9801 calls the Inputs On Command

!93XX calls the Relay Pulse Commands

!94XX calls the Relay ON Commands

!95XX calls the Relay OFF Commands

Screen Notes

You can also use the 9000 to 9199 commands to place notes on your screen for the On Air personality.

For example one could say ;Lower AM Power.

Another could say ;Take Meter Readings.

playvolume x yyy

You can set the playback volume of a given player by issuing the command.

playvolume 8 0 will set the play volume of player 8 to zero or off.

playvolume 8 100 set the play volume of player 8 to max.

PlayerFadeOut x yyyy

This command will fadeout player x in yyyy milliseconds.

1000 milliseconds = 1 second.

Command PlayerFadeOut 8 500 will fade out player 8 in 1/2 second

KillPlayer x

This command will stop player x from playing and move on to the next audio cut.

Timer sss

End Timer

This will start a timer running for sss number of seconds and will continue to play audio cuts normally, however, if you place an "End Timer" command in the schedule and the amount of the Timer seconds has not passed, the system will simply wait for the timer to end before continuing on.

BTSSReset

This will reset your Broadcast Tools Box

NowPlayingText

This will allow you to send a message out to the nowplaying for displaying data on your website.

ShoutCastText

This will allow you to send a message out to the ShoutCast for displaying data on your web stream.

RDS text

This will allow you to send a message out to the RDS for displaying data on RDS equipped Radios.

FileCopy filefrom fileto

Performs a literal file copy. Must contain the full windows path.

FileCopy C:\JBMusic\DJB_99037.mp3 C:\JBMusic\DJB_99038.mp3

FileDelete filename

Performs a literal file delete. Must contain the full windows path.

FileDelete C:\JBMusic\DJB_99038.mp3

PlayHooks

This will automatically build a Hooks Promo and play it.

If you use our DJB Sports Program Interface

SportsStart XX

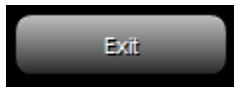
This command will load the DJB Sports Program Interface and use the program # XX and then automatically put the system into the Jock Assist Mode

SportsStop

This command will quit the DJB Sports Program Interface. If you do not get an end of game closure this can be used with an exact time sync to resume regular programming. It will quit the DJB Sports program and Turn the system from Jock Assist Mode to Automation Mode

4

Exit Button



After you have made changes and clicked Save, click Exit to close the Command Cut Editor

BGR Schedule (Back Ground Recording)

Recording Enabled Checkbox

1

2 Add Record Event Button

3 Add Command Event Button

4 Edit Event Button

5 Delete Event Button

6 Close Button

7 Recording Device Settings

8 BGR Event List

OA Background Record Events

Recording Enabled

Add Record Event

Add Command Event

Edit Event

Delete Event

Record Device : Microphone (High Definition Audio Device)

Record Device : Master Volume

Time	Days	Event Name	Seconds
103720	NNNYNNN	- DJB_99039.mp3	60
161407	NYNNNNN	- *BTSS*1MA	
161507	NYNNNNN	- *BTSS*1011/*BTSS*1021/*BTSS*1031/*BTSS*1041	

DJB Radio can record audio based on a schedule

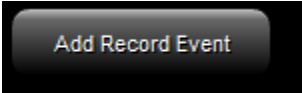
1 Recording Enabled Checkbox



In the BGR Schedule window in DJB Radio Production Suite this indicator is grayed out.

You can only enable and disable the BGR feature in the On Air software's System Menu - Edit BGR Events [HERE](#).

2 Add Record Event Button



Click this to begin creating a new audio recording event.
On the box that pops up, you select the exact time (HHMMSS) and check the boxes for the days of the week you wish the event to record.
Enter a description for the BGR Event.
Enter the file name in the form DJB_xxxxx.mp3 (if recording is set to MP3).

****NOTE**** BGR can only overwrite existing cuts in the database.
If the database entry doesn't already exist, BGR will still record the cut into your JBMusic folder, but it will not show in the Audio & Event Library or on the Production screen.

Enter the recording duration in seconds.

A dark-themed dialog box titled "Background Record" with a close button (x) in the top right corner. It contains several input fields and checkboxes. The "Hour", "Minute", and "Seconds" fields are dropdown menus, each showing "00". To the right is a list of days of the week from Sunday to Saturday, each with an unchecked checkbox. Below these are three text input fields: "Description", "Filename with the Extension .mp3", and "Record Duration in Seconds". Below the filename field is a label "Record these Triggers. Seperate with a comma" followed by another text input field. At the bottom are three dropdown menus labeled "Start Recording on Trigger #", "Stop Recording on Trigger #", and "When Playing Back this program, use the input/output controls number?". At the very bottom are two buttons: "Done" and "Cancel".

Background Record

Hour Minute Seconds

00 00 00

Description

Filename with the Extension .mp3

Record Duration in Seconds

Record these Triggers. Seperate with a comma

Start Recording on Trigger #

Stop Recording on Trigger #

When Playing Back this program, use the input/output controls number?

Done Cancel

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

The next 4 sections only pertain to Input triggers.

If triggers are firing during the recording and you wish them to be fired when the BGR cut plays back, then you put the trigger number(s) in the "Record these Triggers" box.

So if you want triggers 3 and 4 to be recorded and played back, put "3,4" in the box (without the quotes).

The next 2 boxes allow you to receive a trigger to start and stop the BGR.

Example: you have a 1 minute recording that will start recording when input 4 is triggered and stop when input 5 is triggered.

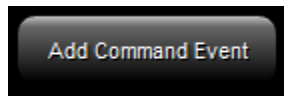
If the trigger is coming between 00 and 05, then set the minutes to 00 and the duration to 360 (6 minutes).

When input 4 is received it will begin recording and when input 5 is received 60 seconds later it will stop and save the 60 second file.

The last box selects the IO Grid number that will be used when the triggers that were recorded are replayed.

3

Add Command Event Button

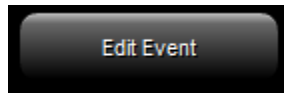


Click this to begin creating a new Command Event.

These can be used to send commands to a switcher before or after an audio BGR.

4

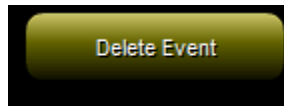
Edit Event Button



After selecting an existing event, click this button to make changes to it.

5

Delete Event Button



After selecting an existing event, click this button to delete the event.

6

Close Button



Click this X to close the BGR Event editor.

7

Recording Device Settings

Record Device : Microphone (High Definition Audio Device)
Record Device : Master Volume

This area shows the audio devices set in the On Air Program Settings

8

BGR Event List

Time	Days	Event Name	Seconds
103720	NNNYNNN	- DJB_99039.mp3	60
161407	NYNNNNN	- *BTSS*1MA	
161507	NYNNNNN	- *BTSS*1011/*BTSS*1021/*BTSS*1031/*BTSS*1041	

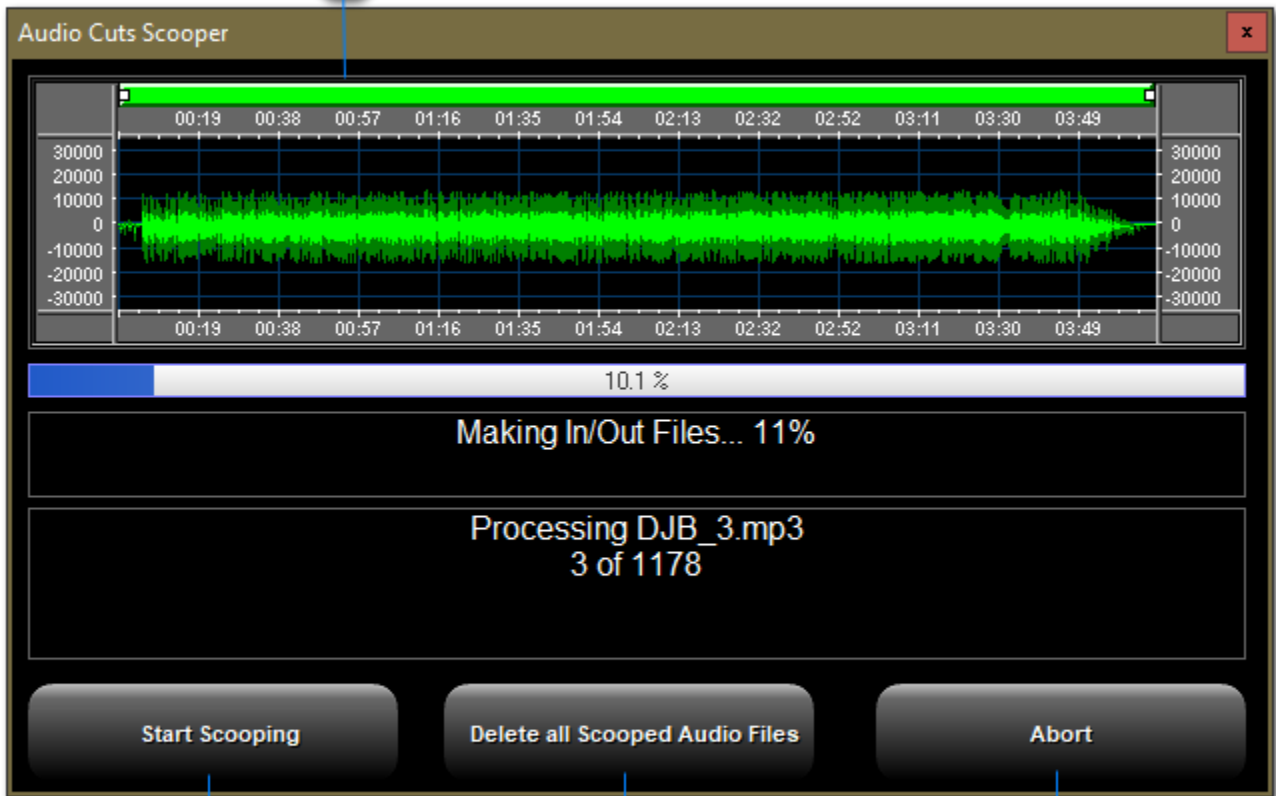
This list shows all existing BGR events. You can see from the columns the time (HHMMSS) and days that the event will run as well as the name and duration of audio events.

IVT Audio Scooper (Internet VoiceTracking)

Internet Voice Tracking is an optional component that allows On Air talent to record voice tracks outside the station and then upload them into DJB Radio. The IVT Scooper grabs the outros and intros of the music so the IVT client can hear them while recording their voicetracks. Scooping is a manual process so anytime you add new music, you will need to scoop again.

Waveform Window

1



2

Start Button

3

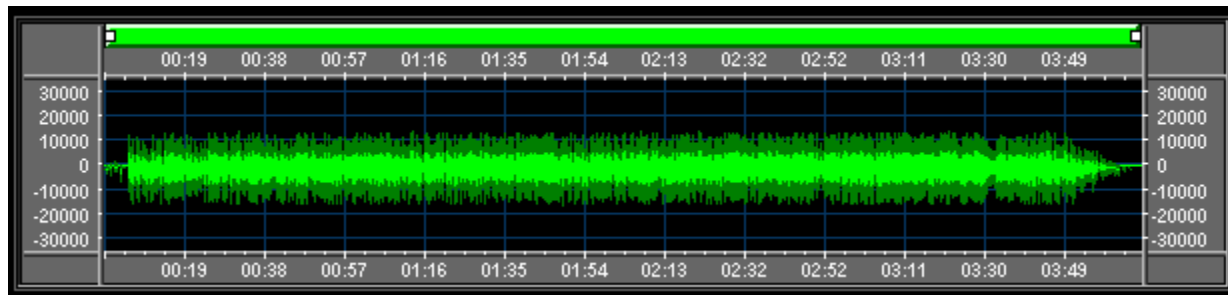
Delete Button

4

Abort Button

1

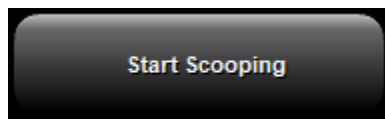
Waveform Window



This window shows the waveform of the audio cut currently being scoped.

2

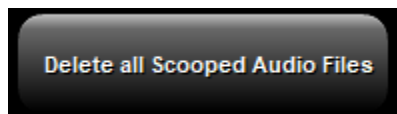
Start Button



This button starts the scoping process.

3

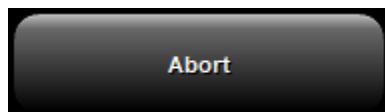
Delete Button



This button will cause the deleting of all of the in and out files created by scoping.

4

Abort Button



This button aborts the scoping process if it is in progress.

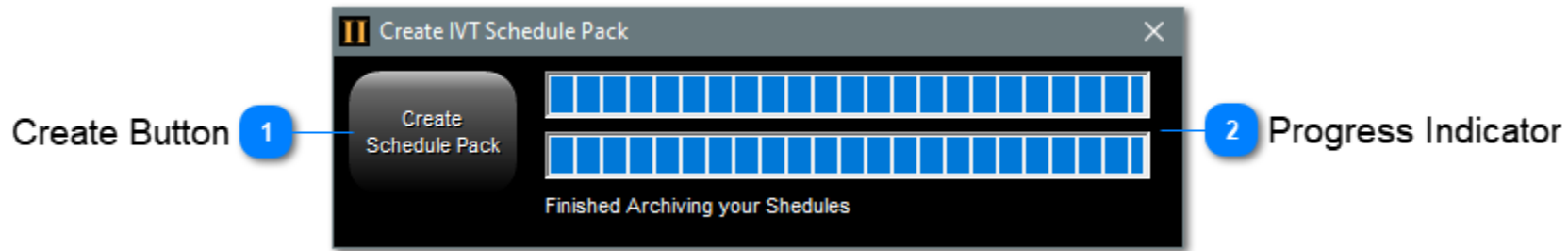
IVT Create Schedule Pack (Internet Voice Tracking)

IVT Schedule Packs are created automatically every time you merge a new log if the box below is checked in the Schedule Settings in Scheduler.

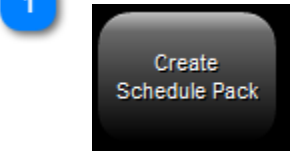
Do you want to Archive Schedules for Internet Voice Tracking?

Last Date Scheduled

If you make changes to a log afterwards, you can manually recreate the Schedule Pack using this button in the Engineering Box.

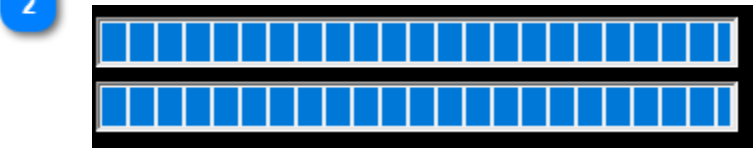


1 Create Button



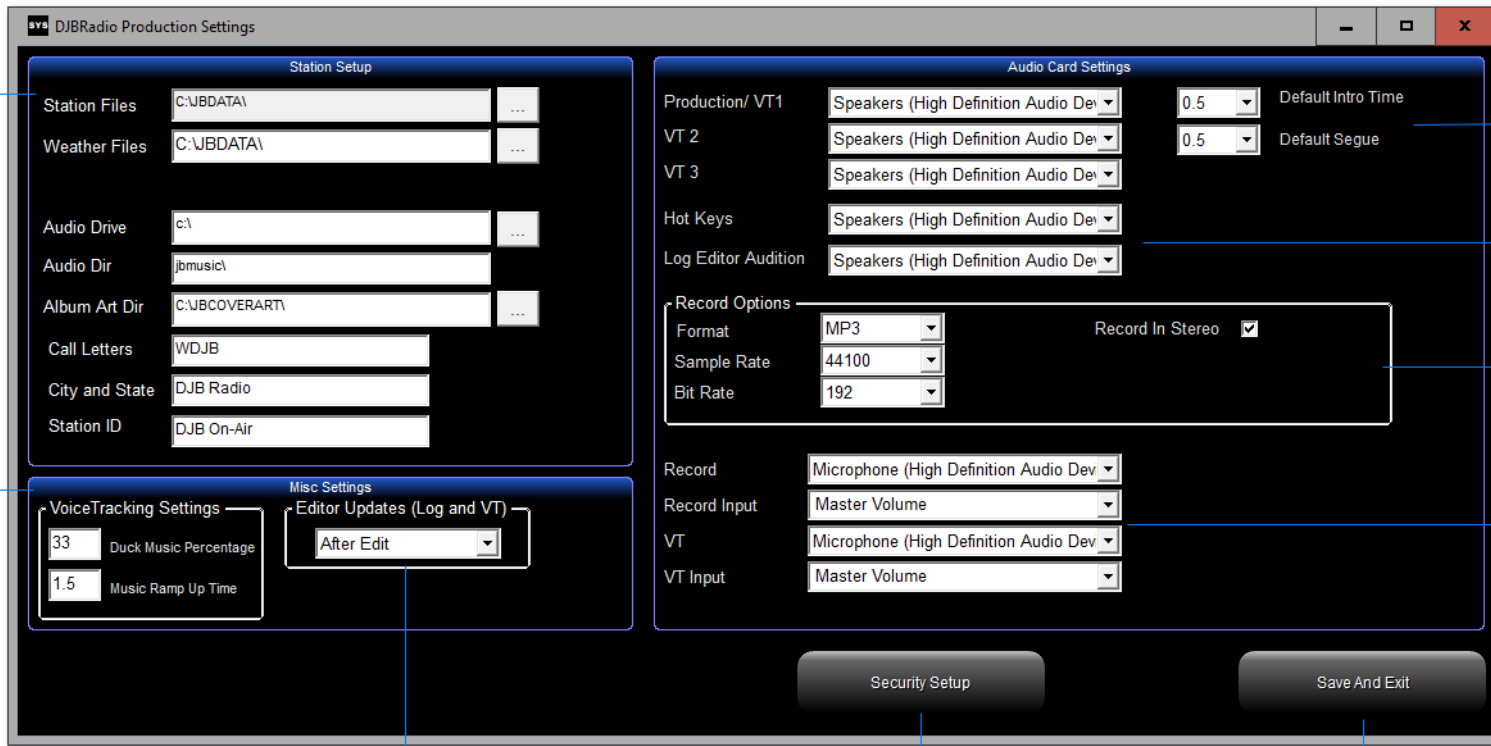
This button begins creating a zip file containing the schedule files for IVT use.

2 Progress Indicator



This gauge gives you a visual indication of the progress of the zip file creation.

[Program Settings](#)



Station Setup 1

VoiceTracking Settings 2

3
Editor Update Settings

9
Security Setup Button

8
Save and Exit Button

4
Segue/Intro Defaults

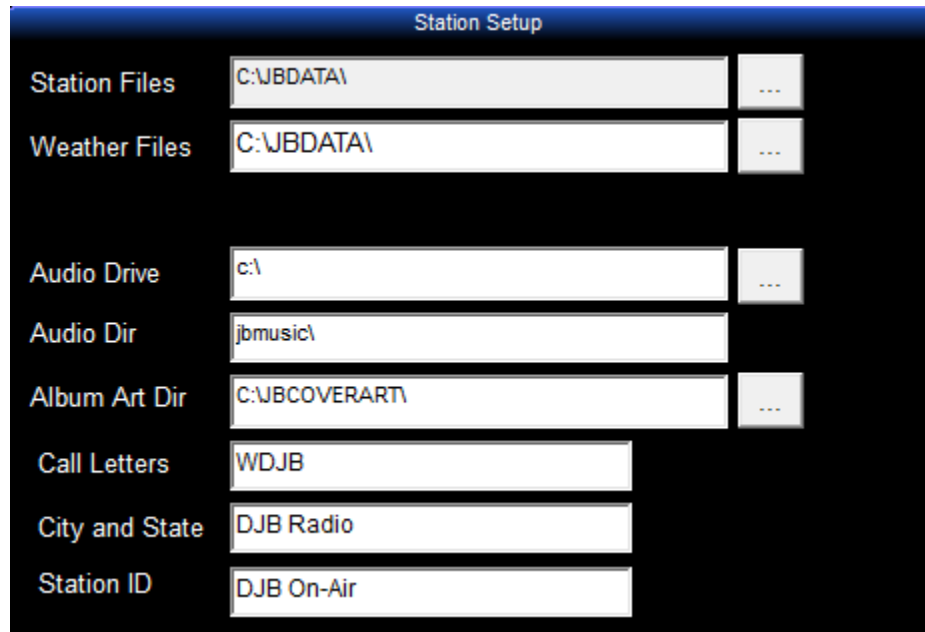
5
Sound Card Settings (Outputs)

6
Recording Options

7
Sound Card Settings (Inputs)

1

Station Setup

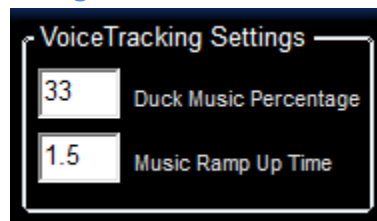


Station Files	C:\JBDATA\	...
Weather Files	C:\JBDATA\	...
Audio Drive	c:\	...
Audio Dir	jbmusic\	
Album Art Dir	C:\JBCOVERART\	...
Call Letters	WDJB	
City and State	DJB Radio	
Station ID	DJB On-Air	

This important section tells the program where to find the necessary files. Typically this will be an audio drive on the On Air computer.

2

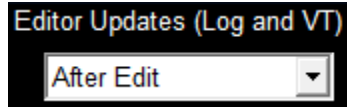
VoiceTracking Settings



33	Duck Music Percentage
1.5	Music Ramp Up Time

The first box tells the On Air to what level to duck (or reduce) the volume of the intro of the song after the VoiceTrack. The second box is the time in seconds it takes the song to return to full volume after the VoiceTrack ends.

3 Editor Update Settings



This important setting affects how Production interfaces with Today's log.

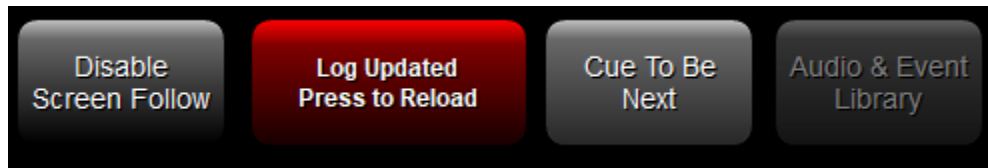
If this is set to "After Edit," changes made to the current log in the Log Editor or Voice Tracking will go to the On Air immediately.

If this is set to "After Exit," changes made to the current log in the Log Editor or Voice Tracking will go to the On Air after you close the Log Editor or Voice Tracking.

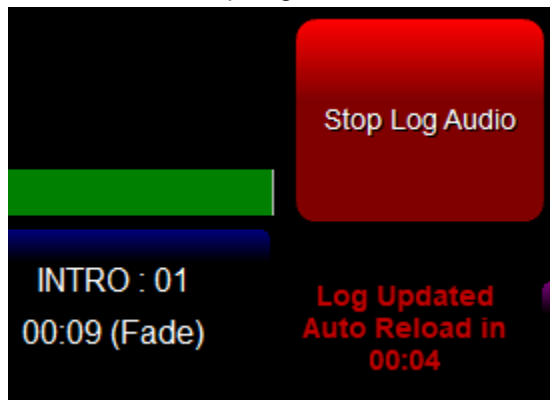
While attached in "After Exit" mode an indicator will appear notifying the On Air user because any changes made in the studio will be replaced when the Log Editor or Voice Tracker disconnects.



After each edit (or after exiting either editor) a button will appear at the bottom of the On Air screen "Log Updated Press to Reload":



Also under the Stop Log Audio button there is a countdown timer (the time is set in the On Air settings).



Once you press the "Press to Reload" button or the countdown finishes on the On Air PC, the log changes are made in the On Air Log.

4

Segue/Intro Defaults

0.5 Default Intro Time
0.5 Default Segue

When you rip, record, or import a new audio file these default times will be applied to it. After the initial creation you can change those settings in the Production Database Editor [HERE](#)

5

Sound Card Settings (Outputs)

Audio Card Settings

Production/ VT1 Speakers (High Definition Audio Dev) ▾
VT 2 Speakers (High Definition Audio Dev) ▾
VT 3 Speakers (High Definition Audio Dev) ▾
Hot Keys Speakers (High Definition Audio Dev) ▾
Log Editor Audition Speakers (High Definition Audio Dev) ▾

These drop boxes allow you to set the sound card channels for Production. In the example above there is only one playback device available, but you may have several to choose from.

6

Recording Options

Record Options

Format MP3 ▾ Record In Stereo
Sample Rate 44100 ▾
Bit Rate 192 ▾

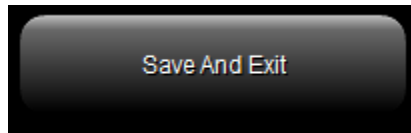
You can choose which format, sample rate, and bitrate your Production recordings use. Also you can uncheck the box if you wish to record in mono.

7 Sound Card
Settings (Inputs)

Record	Microphone (High Definition Audio Dev
Record Input	Master Volume
VT	Microphone (High Definition Audio Dev
VT Input	Master Volume

You can choose which input channel records on the Production screen as well as Voice Tracking.

8 Save and Exit
Button



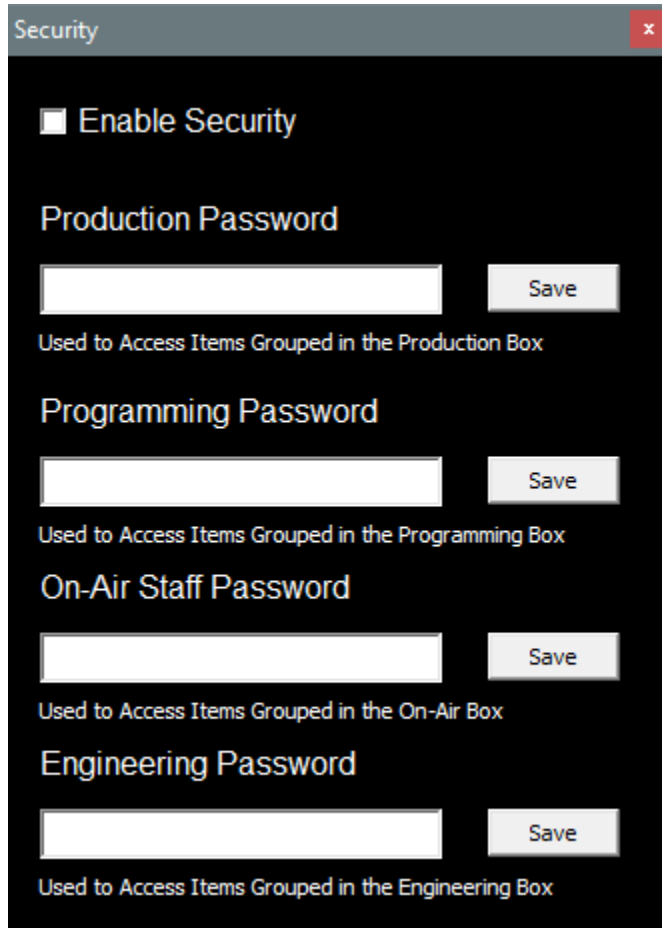
When you are done making changes to the settings, click "Save and Exit."

9

Security Setup Button



The "Security Setup" button allows you to create or modify passwords for each box on the main Production screen. You can have different passwords for the Production, Programming, On-Air, and Engineering boxes.



Security

Enable Security

Production Password

Save

Used to Access Items Grouped in the Production Box

Programming Password

Save

Used to Access Items Grouped in the Programming Box

On-Air Staff Password

Save

Used to Access Items Grouped in the On-Air Box

Engineering Password

Save

Used to Access Items Grouped in the Engineering Box

Click the "Enable Security" checkbox.
Enter a password and click save for EACH password you enter.
You do not have to use all 4 passwords; you may restrict any box you wish.

When you are done, close the box by clicking the red "X" at the upper-right.

After you click the "Scheduler" button from the main Production Suite screen, you are presented with the screen below:

The screenshot shows the DJB Scheduler application window with the following sections and callouts:

- Scheduler Box 1:** Points to the Scheduler section containing buttons for "Create Daily Schedule", "Import External Traffic", and "Import External Music".
- Scheduler Setup Box 2:** Points to the Scheduler Setup section containing buttons for "Edit Hour Shells", "Schedule Settings", and "Edit Categories".
- Scheduler Maintenance Box 3:** Points to the Scheduler Maintenance section containing buttons for "Shuffle Audio Categories", "Zip Schedules and History", and "Delete Selected Schedule Zip". A text box next to it contains "Schedule Zip - 092019.zip".
- Reports Boxes 4:** Points to the right-hand side of the interface, which contains four report sections: "Spot Reports" (Spot Play Report, Spot Play Audit Report, Traffic Import Audit Report, Generate Spot Play File), "Music Reports" (BMI / ASCAP Report, Song Play Audit Report, Spins Report), "Other Reports" (Audio Cuts Report, Music Import Audit Report, Music Scheduler Error Report), and "System Reports" (System History Audit Report, Serial Data Report, Digital I/O Audit Report).
- Exit Button 5:** Points to the "Exit" button located at the bottom right of the interface.

At the bottom left, there is a section titled "Zip Schedules and History Status" with a progress bar.

There are several methods of Log Scheduling and Programming using the DJB Radio Automation System:

DJB Radio Internal Scheduler Only

- 1) Using the DJB Radio Scheduler as the main source of daily log schedules for Music, Satellite, News Talk, and commercial programming.

DJB Radio Internal Scheduler with 3rd Party Traffic Schedulers

- 1) Using the DJB Radio Scheduler as the main source of daily log schedules for Music, Satellite, and News Talk programming.
- 2) Using 3rd Party Traffic Schedulers for commercials.

DJB Radio Internal Scheduler with 3rd Party Music & Traffic Schedulers

- 1) Using the DJB Radio Scheduler as the main merge engine to create a daily log template, and external music and traffic programs.
- 2) Using 3rd Party Music Schedulers for music scheduling.
- 3) Using 3rd Party Traffic Schedulers for commercials.

If you use External Traffic or Music, please read [THIS SECTION](#) for some clarification.

Popular Music & Traffic Schedulers Supported by DJB Radio:

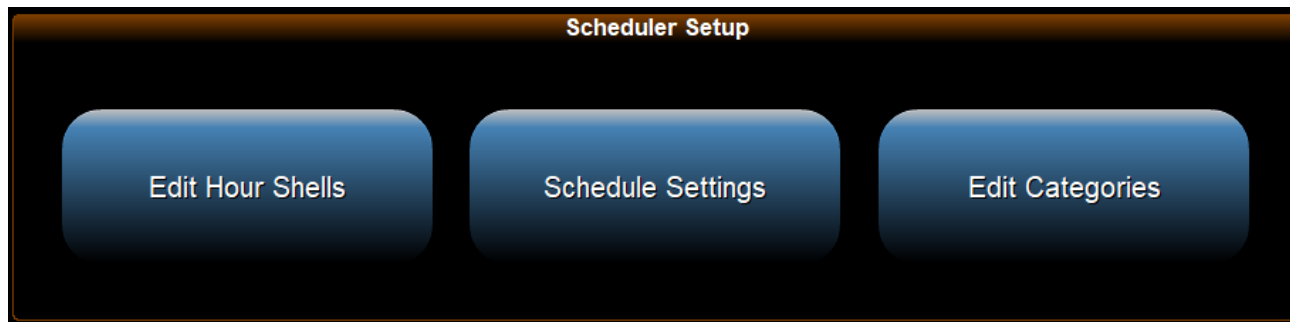


1 Scheduler Box



This box contains the vital controls to create a log for each day and to import external music and traffic, depending on your setup. These buttons are discussed in detail [HERE](#).

2 Scheduler Setup Box



This box contains the setup for your daily Shells (log templates), the settings that the scheduler uses, and the Categories that Production uses. These buttons are discussed in detail [HERE](#).

3

Scheduler Maintenance Box

Scheduler Maintenance

Shuffle Audio Categories

Zip Schedules and History

Delete Selected Schedule Zip

Schedule Zip - 092019.zip

Zip Schedules and History Status

This box contains necessary Maintenance functions and is discussed in detail [HERE](#).

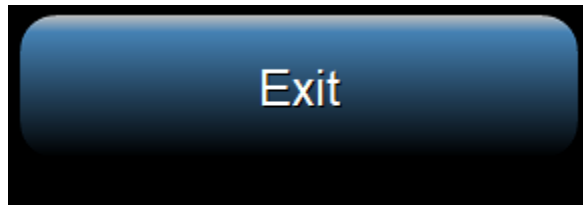
The image displays a grid of report options organized into four horizontal sections, each with a title bar and a dark background. The sections are:

- Spot Reports:** Contains four buttons: "Spot Play Report", "Spot Play Audit Report", "Traffic Import Audit Report", and "Generate Spot Play File".
- Music Reports:** Contains three buttons: "BMI / ASCAP Report", "Song Play Audit Report", and "Spins Report".
- Other Reports:** Contains three buttons: "Audio Cuts Report", "Music Import Audit Report", and "Music Scheduler Error Report".
- System Reports:** Contains three buttons: "System History Audit Report", "Serial Data Report", and "Digital I/O Audit Report".

This box contains the various reports that DJB Radio can generate and is discussed in detail [HERE](#).

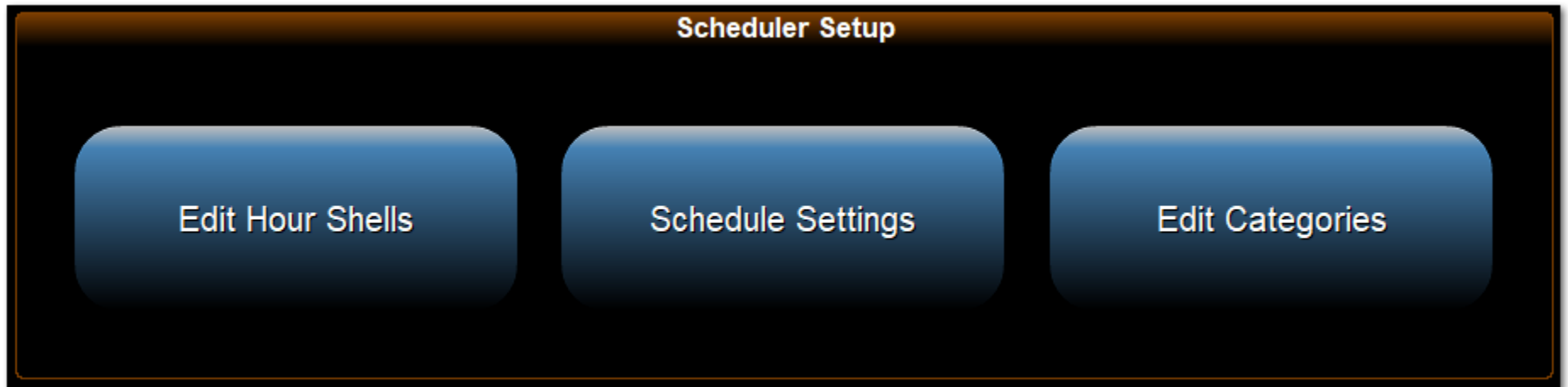
5

Exit Button



As with most DJB screens, this button will close the Scheduler windows and will not be discussed in detail.

Scheduler Setup Box



Click one of the links below, or click the picture above to return to the main DJB Radio Scheduler page.

- [Edit Hour Shells](#)
- [Schedule Settings](#)
- [Edit Categories](#)

Hour Shell Editor

When you click on Edit Hour Shells, you see the Hour Shell Editor window --- each shell corresponds to a 24 hour day.

TIPS:

You can use the same shell for multiple days if the programming is consistent.

You can also have specialized shells for days when things change like a 'Friday Night Football' shell.
Don't forget to include weekend and holiday shells when programming differs from your usual weekdays.

Hour Shell Editor

Description	Shell Number
DJB DEMO	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	12
	13
	14
	15
	16
	17
	18
	19
	20
	21
	22
	23
	24
	25
	26
	27
	28
	29
	30
	31
	32
	33
	34

To change the shell name, type it in the box below and press enter

DJB DEMO

Edit Shell

Copy Shell to Another Number

Delete Shell

Save and Exit

Shell List 1

3 Edit Shell Button

4 Copy Shell Button

5 Delete Shell Button

Shell Name/Rename Box 2

6 Save and Exit Button

1

Shell List

Description	Shell Number
DJB DEMO	1
	2
	3
	4
	5
	6
	7
	8
	9
	10

This list contains all of the shells available to schedule.
There are 99 slots for creating shells.

2

Shell Name/Rename Box

To change the shell name, type it in the box below and press enter

You can click a shell and rename it by typing the new name in the box and pressing the Enter key.
When you create a new shell, this is where you name it.

3

Edit Shell Button

Edit Shell

This button opens the selected shell for editing.
Read More about that [HERE](#)

4

Copy Shell Button

Copy Shell to
Another
Number

This allows you to make a complete duplicate of an existing shell, very useful if most of the day is the same.
Click on a shell to select and then click to make a copy.
Enter the number you wish to use.

You can overwrite an existing shell if you want but there will be a confirmation dialogue to make sure you really want meant it.

5

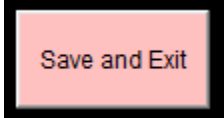
Delete Shell Button



As you might expect, this button will delete the selected shell.
Make sure you have selected the shell you want to delete before pressing.
There will be a confirmation dialogue before it actually gets deleted.

6

Save and Exit Button



Saves any changes and exits back to the DJB Radio Scheduler page.

[Edit Shell](#)

Hour Select & Tempo Policy Indicator

The screenshot shows the 'LE Edit Shell - DJB DEMO' application window. The main area contains a table with columns for 'Hour' and 'Tempo Policy', and a list of audio cuts with their descriptions and lengths. A control panel on the right side contains various buttons and indicators, each labeled with a number from 1 to 16.

Hour	Tempo Policy	Description	Length
0	1	Play Cut Number : 1 (Mike Carta - 93.7 DJB Legal ID)	00:09
1	1	Execute Command 9004 - PlayHooks	00:00
2	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
3	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
4	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
5	1	Play Cut Number : 31 (Mike Carta - Fleetwood Mac Intro)	00:09
6	1	Play Cut Number : 70 (Fleetwood Mac - Little Lies)	03:33
7	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
8	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
9	1	Execute Command 9990 - Announce The Time	00:00
10	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
11	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
12	1	Execute Command 9991 - Announce The Temperature	00:00
13	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
14	1	Execute Command 9600 - Record Voice Track	00:00
15	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
16	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
17	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
18	1	Execute Command 9600 - Record Voice Track	00:00
19	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
20	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
21	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
22	1	Execute Command 9990 - Announce The Time	00:00
23	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
	1	Execute Command 9991 - Announce The Temperature	00:00
	1	Play Cut Number : 36 (Mike Carta - Return From Break)	00:04
	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
	1	Execute Command 9600 - Record Voice Track	00:00
	1	Select an Item from Category - A - HOT AC Pop Currents	00:55
	1	Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
	1	Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
	1	Execute Command 9990 - Announce The Time	00:00

Control Panel Callouts:

- 1: Hour Select & Tempo Policy Indicator (points to the table header)
- 2: Edit Window (points to the main table area)
- 3: Add Audio Cut
- 4: Add Category
- 5: Add Command
- 6: Add Multi-Cut
- 7: Copy Line
- 8: Paste Line
- 9: Clipboard Indicator (Line)
- 10: Delete
- 11: Tempo Policy (points to the input field)
- 12: Category Usage Analyzer Button
- 13: Copy Current Hour
- 14: Paste Current Hour
- 15: Clipboard Indicator (Hour)
- 16: Close and Exit

1

Hour Select & Tempo Policy Indicator

Hour	Tempo Policy
Hour	Tempo
0	1
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1

Each shell consists of 24 hours labeled in military time from 0 (midnight) to 23 (11PM).

There is also an indication of which tempo policy is active in each hour of the shell.

Set the tempo number to 0 to exempt that shell hour from tempo policies.

For more on tempo policies click [HERE](#)

Simply click on the hour you wish to edit. The selected hour is indicated by a blue bar (hour 0 in the above picture).

Edit Window

You can drag and drop any position to any other position to fine tune your format. Shell Hour Time : 20:09

Description	Length
Play Cut Number : 1 (Mike Carta - 93.7 DJB Legal ID)	00:09
Execute Command 9004 - PlayHooks	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Play Cut Number : 31 (Mike Carta - Fleetwood Mac Intro)	00:09
Play Cut Number : 70 (Fleetwood Mac - Little Lies)	03:33
Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
Execute Command 9990 - Announce The Time	00:00
Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
Execute Command 9991 - Announce The Temperature	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Execute Command 9600 - Record Voice Track	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Execute Command 9600 - Record Voice Track	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
Execute Command 9990 - Announce The Time	00:00
Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
Execute Command 9991 - Announce The Temperature	00:00
Play Cut Number : 36 (Mike Carta - Return From Break)	00:04
Select an Item from Category - A - HOT AC Pop Currents	00:55
Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Execute Command 9600 - Record Voice Track	00:00
Select an Item from Category - A - HOT AC Pop Currents	00:55
Play Cut Number : 30000 (Multi Cut - 30000 - Multi Cut - 30000)	00:00
Play Cut Number : 30020 (Multi Cut - 30020 - Multi Cut - 30020)	00:00
Execute Command 9990 - Announce The Time	00:00

This Edit Shell window allows users to insert:

- a) Audio files from the categories (IDs, Liners, Jingles, etc.)
- b) Music Categories
- c) Stop Set Slot Commands for Commercial breaks (9201, 9202, etc.) to be filled from External Traffic Programs
- d) Music Slot Commands (9993) to catch Music from 3rd Party Music programs
- e) Commands such as Announce the Time or Announce the Temperature
- f) End of Hourly Time Update - Last Event In Hour

NOTE:

Log List

Adding events to this Edit Shell window is straight forward and all that users need to do is think of the Line Items placed in a sequential order that would replicate the programming desired.

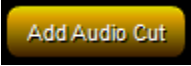
This Log List will, in essence, build and produce programming that generates the "**Sound of the Radio Station**".

It will become the On Air log.

DRAG & DROP

This Log List window is fully Drag & Drop, which means if things aren't on the Log List as you want them, simply Drag an event / Line Item by clicking and holding down the left mouse button on a Line Item or event and moving it to where you want it.

3 Add Audio Cut



This button pulls up the window below allowing you to select any audio file in the database. You can also put a cut number in the search box and click Search. Click the cut and click the select button to insert it in the shell.

One other feature to note here is Exact Time. If you put a time (MMSS) in the box, the item will Cue To Be Next at that time in the hour. This is good for an item before a StopSet to keep the playlist on track.

If you check the Enable box and put a time (MMSS) in the box, the item will play at EXACTLY that time in the hour. It will fade the currently playing item and skip any unplayed items between the current item and the Exact Time item. This is useful for joining a sporting event or remote at the correct time.

Cut #	Artist	Title	Length	Type	Category
00001	Mike Carta	93.7 DJB Legal ID	00:09	Legal ID	
00002	AC/DC	Back In Black	04:08	Music	
00003	AC/DC	Back In Black-short	04:08	Music	
00004	AC/DC	Back In Black	04:08	Music	
00005	Mike Carta	4 in a Row	00:13	Liner	
00006	Mike Carta	93.7 DJB	00:06	Liner	
00007	Mike Carta	You're Listening to the Digital Jukebox	00:09	Liner	
00008	Mike Carta	Smiles Worldwide	00:10	Liner	
00009	Mike Carta	Broadcasting to the Universe	00:09	Liner	
00010	Mike Carta	This is 93.7 DJB	00:09	Liner	
00011	Mike Carta	The DJB Automation System	00:06	Liner	
00014	Mike Carta	Rewind to the 70's	00:08	Liner	
00015	Mike Carta	Back to the 80's	00:05	Liner	
00020	Hooks	Opener	00:04	Hooks	
00021	Hooks	And This 1	00:00	Hooks	
00022	Hooks	And This 2	00:00	Hooks	
00023	Hooks	And This 3	00:01	Hooks	
00024	Hooks	Closer	00:03	Hooks	
00030	Mike Carta	Chicago Intro	00:09	Voicer	
00031	Mike Carta	Fleetwood Mac Intro	00:09	Voicer	
00032	Mike Carta	Best Music From Yesterday and Today	00:05	Voicer	
00033	Mike Carta	Best Music From Yesterday and Today	00:09	Voicer	
00034	Mike Carta	Music From Yesterday and Today	00:06	Voicer	

4 Add Category



This button pulls up the window below allowing you to select a category of song for the scheduler to fill.

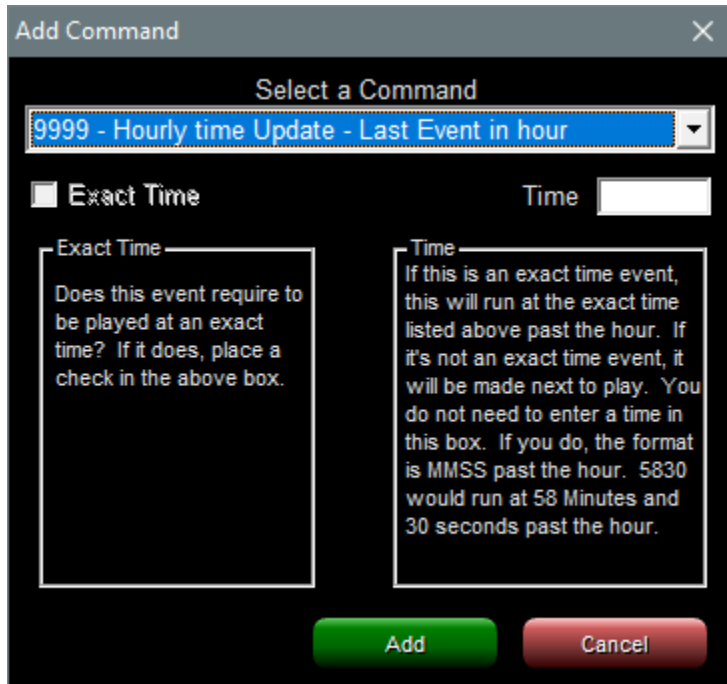
The dialog box is titled "Add Category" and has a close button (X) in the top right corner. It contains the following elements:

- A dropdown menu labeled "Select the Category" with "A - HOT AC Pop Currents" selected.
- A checkbox labeled "Exact Time" which is currently unchecked.
- A text input field labeled "Time" which is empty.
- Two text boxes with instructions:
 - Exact Time:** Does this event require to be played at an exact time? If it does, place a check in the above box.
 - Time:** If this is an exact time event, this will run at the exact time listed above past the hour. If it's not an exact time event, it will be made next to play. You do not need to enter a time in this box. If you do, the format is MMSS past the hour. 5830 would run at 58 Minutes and 30 seconds past the hour.
- Two buttons at the bottom: a green "Add" button and a red "Cancel" button.

5 Add Command



This button pulls up the window below allowing you to select any Command Cut.

A dialog box titled "Add Command" with a close button (X) in the top right corner. The main heading is "Select a Command". Below this is a dropdown menu showing "9999 - Hourly time Update - Last Event in hour". Underneath the dropdown is a checkbox labeled "Exact Time" which is currently unchecked. To the right of the checkbox is a text input field labeled "Time". Below the checkbox and input field are two text boxes. The left box is titled "Exact Time" and contains the text: "Does this event require to be played at an exact time? If it does, place a check in the above box." The right box is titled "Time" and contains the text: "If this is an exact time event, this will run at the exact time listed above past the hour. If it's not an exact time event, it will be made next to play. You do not need to enter a time in this box. If you do, the format is MMSS past the hour. 5830 would run at 58 Minutes and 30 seconds past the hour." At the bottom of the dialog are two buttons: a green "Add" button and a red "Cancel" button.

If you are using 3rd Party Music or Traffic you can insert the commands to "catch" the info from the MUS or TRAF file.

If you use External Traffic or Music, please read [THIS SECTION](#) for some clarification.

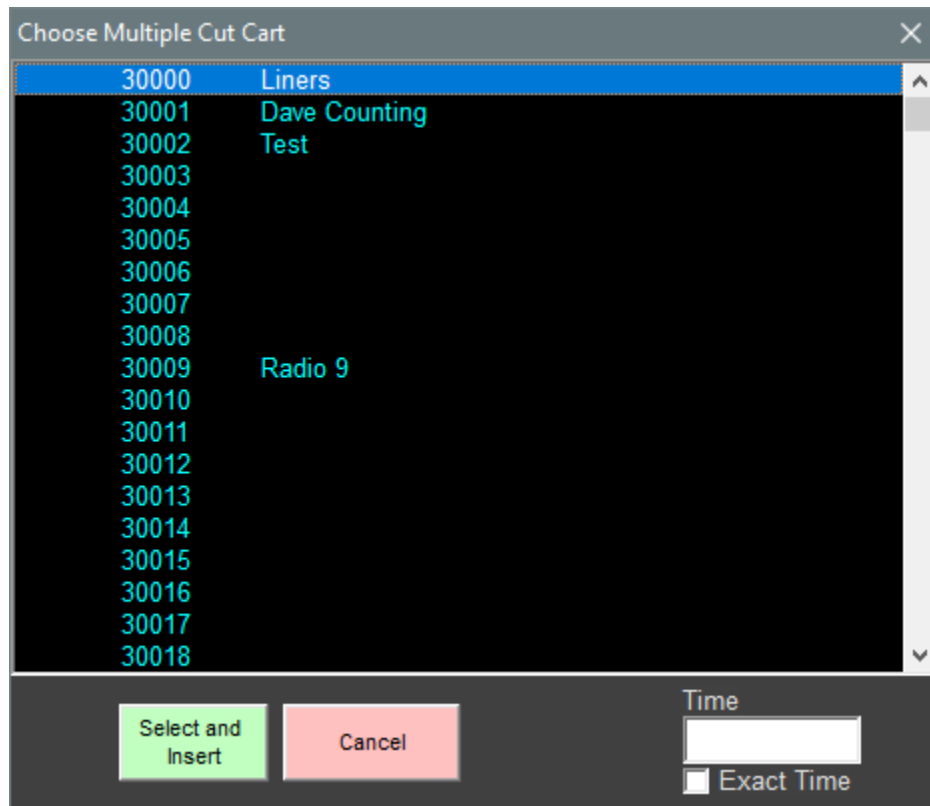
You can read more about Importing External Traffic [HERE](#)

You can read more about Importing External Music [HERE](#)

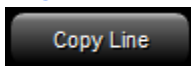
6 Add Multi-Cut



This button pulls up the window below allowing you to select any Multi-Cut Cart to enter in the shell.



7 Copy Line



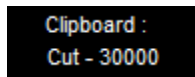
This button will copy the currently selected line and place it in the clipboard.

8 Paste Line



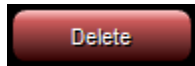
This button will paste the contents of the clipboard at the selected point in the shell and it pushes the selected cut down. The button will be grayed out and inaccessible unless the copy button has been used.

9 **Clipboard Indicator (Line)**



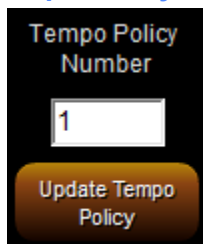
This shows which line has been copied and will be pasted if you use the paste button.

10 **Delete**



This button will delete the selected line item.

11 **Tempo Policy**



Each hour uses one of nine tempo policies. For more about temp policies click [HERE](#)
To change the tempo policy for the hour you are editing, put a number 1-9 in the box and click the Update Tempo Policy button.

12

Category Usage Analyzer Button

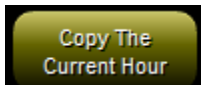
Category Usage Analyzer

Clicking this button will cause the software to analyze the various categories scheduled in the current hour, the day from 6A to 6P, and the entire day.

Hour Usage			6am - 6pm Usage			All Day Usage		
Category	Count	%	Category	Count	%	Category	Count	%
A	13	100 %	A	184	100 %	A	327	100 %
AA	0	0 %	AA	0	0 %	AA	0	0 %
B	0	0 %	B	0	0 %	B	0	0 %
BB	0	0 %	BB	0	0 %	BB	0	0 %
C	0	0 %	C	0	0 %	C	0	0 %
CC	0	0 %	CC	0	0 %	CC	0	0 %
D	0	0 %	D	0	0 %	D	0	0 %
DD	0	0 %	DD	0	0 %	DD	0	0 %
E	0	0 %	E	0	0 %	E	0	0 %
EE	0	0 %	EE	0	0 %	EE	0	0 %
F	0	0 %	F	0	0 %	F	0	0 %
FF	0	0 %	FF	0	0 %	FF	0	0 %
G	0	0 %	G	0	0 %	G	0	0 %
GG	0	0 %	GG	0	0 %	GG	0	0 %
H	0	0 %	H	0	0 %	H	0	0 %
HH	0	0 %	HH	0	0 %	HH	0	0 %
I	0	0 %	I	0	0 %	I	0	0 %
II	0	0 %	II	0	0 %	II	0	0 %
J	0	0 %	J	0	0 %	J	0	0 %
JJ	0	0 %	JJ	0	0 %	JJ	0	0 %
K	0	0 %	K	0	0 %	K	0	0 %
KK	0	0 %	KK	0	0 %	KK	0	0 %
L	0	0 %	L	0	0 %	L	0	0 %
LL	0	0 %	LL	0	0 %	LL	0	0 %
M	0	0 %	M	0	0 %	M	0	0 %
MM	0	0 %	MM	0	0 %	MM	0	0 %
N	0	0 %	N	0	0 %	N	0	0 %
NN	0	0 %	NN	0	0 %	NN	0	0 %
O	0	0 %	O	0	0 %	O	0	0 %
OO	0	0 %	OO	0	0 %	OO	0	0 %
P	0	0 %	P	0	0 %	P	0	0 %
PP	0	0 %	PP	0	0 %	PP	0	0 %
Q	0	0 %	Q	0	0 %	Q	0	0 %
QQ	0	0 %	QQ	0	0 %	QQ	0	0 %
R	0	0 %	R	0	0 %	R	0	0 %

13

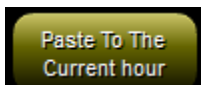
Copy Current Hour



Once you have a working hour, you can copy the hour to the clipboard just like you can with a line item.

14

Paste Current Hour



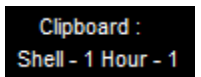
Clicking this button will paste the copied hour over the selected hour.

This makes it very fast to duplicate hours that repeat.

You can even copy an hour from one shell, close that shell and open another, and then paste it into the other shell.

15

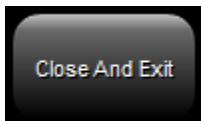
Clipboard Indicator (Hour)



This indicator shows which shell number and hour number has been copied for later pasting.

16

Close and Exit



Closes the current shell and exits back to the Hour Shell Editor.

Schedule Settings

Scheduling Order 1

Artist Protection 2

Title Protection 3

Gender Protection 4

Daypart Protection 5

Tempo Protection 6

Protection Exempt 7

IVT Checkbox and Save Button 8

Schedule Settings

Scheduling Order

This is the order that you would like your categories to be scheduled.
You should go from the Category with the least amount of songs to the Largest

A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z,AA,BB,CC,DD,EE,FF,GG,HH,II,JJ,KK,LL,MM,NN,OO,P

** Seperate all categories with a comma IE: A,D If Left blank alphabetical order will be assumed

Artist Protection

Do you want to use Artist Protection? 10 Artist Protection Level 10 - 999

Title Protection

Do you want to use Title Protection? 40 Title Protection Level 10 - 999

Gender Protection

Do you want to use Gender Protection?

Daypart Protection

Do you want to use Daypart Protection? Move songs that can't play to the back of these categories

** Seperate all categories with a comma IE: A,D

Tempo Protection

Do You Want To Use Tempo Protection? [Edit Tempo Policy](#)

Protection Exempt

The Following Catgories are Protection Exempt

** Seperate all categories with a comma IE: A,D

Do you want to Archive Sheduless for Internet Voice Tracking?

Last Date Scheduled [Save and Exit](#)

1

Scheduling Order

Scheduling Order

This is the order that you would like your categories to be scheduled.
You should go from the Category with the least amount of songs to the Largest

A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z,AA,BB,CC,DD,EE,FF,GG,HH,II,JJ,KK,LL,MM,NN,OO,P

** Seperate all categories with a comma IE: A,D If Left blank alphabetical order will be assumed

This box will need to contain every category you use, in the order you want them to be scheduled.

Each category is separated by a single comma (,).

Typically you would list the categories from smallest number of cuts to largest.

The DJB Radio uses what's called a Multi-Pass Scheduling process.

This means that we schedule one category at a time throughout the entire 24 hours before we go on to the next category.

This allows the small categories to be used while there are still many slots to fill.

The larger categories have more options to fill the remaining slots.

For more info on Editing Categories click [HERE](#)

2

Artist Protection

Artist Protection

Do you want to use Artist Protection? Artist Protection Level 10 - 999

If you don't want the system to schedule the same Artist too close together, you can use Artist Protection.

Check the box to activate and the number in the box is the number of songs before that Artist can be scheduled again.

3

Title Protection

Title Protection

Do you want to use Title Protection? Title Protection Level 10 - 999

Like Artist Protection, Title Protection prevents the same title from playing until the number of songs in the box has passed.

4

Gender Protection

Gender Protection

Do you want to use Gender Protection?

Gender Protection will prevent two female artists from playing back to back.

5

Daypart Protection

Daypart Protection

Do you want to use Daypart Protection?

Move songs that can't play to the back of these categories

**** Seperate all categories with a comma IE: A,D**

If you wish to use daypart protections to restrict the hours in which a song can play check the “Do you want to use Daypart Protection?” box. In the “Move dayparted songs that cannot be played to the back of these categories” text box enter in the categories which you want songs that don’t meet the daypart requirements to be moved to the end of the line of songs being scheduled. This is only meant to be used by current categories that rotate more than once in a day. This would keep the dayparted currents from stacking up into the front of the category.

Show Day Parts and Relays

In the Production Database Editor you can select the dayparts the song is allowed to play by clicking: Then uncheck the days/hours you do NOT want the song to play. A checkmark indicates it is okay to play.

Day Parting

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
M-F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sun	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
											S		M		T		W		T		F		S	
Play ONLY on these Days											<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	

6

Tempo Protection

Tempo Protection

Do You Want To Use Tempo Protection?

[Edit Tempo Policy](#)

The check mark turns on Tempo Protection. Click the Edit Tempo Policy to set teh actual policies. Read more about Tempo Protection [HERE](#)

7

Protection Exempt

Protection Exempt

The Following Categories are Protection Exempt

** Seperate all categories with a comma IE: A,D

Any categories placed in this comma separated list will ignore all of the protection rules.

8

IVT Checkbox and Save Button

Do you want to Archive Shedges for Internet Voice Tracking?

Last Date Scheduled

Save and Exit

If you are using IVT (Internet Voice Tracking) check the box to cause the schedules to be archived for the IVT software to download.

Click Save and Exit to save the changes you have made to the settings and return to the Scheduler menu.

Edit Tempo Policy

In general, Tempo Policies shape the overall sound of the music on your station.

In the Production Database Editor each cut can be assigned a tempo:

Slow, Medium Slow, Medium, Medium Fast, or Fast.

In the grid below the tempos correspond to numbers:

- 1 - Slow
- 2 - Medium Slow
- 3 - Medium
- 4 - Medium Fast
- 5 - Fast

There are 9 tabs corresponding to the 9 Tempo Policies you can assign to a shell hour (or you can assign 0 to exempt that hour).

On each of the tabs you check the tempo interactions you wish to avoid.

In the example below the scheduler will avoid going from a Slow to Slow (1 to 1).

It will also avoid a 1 into a 2 AND a 2 into a 1.

Finally it will avoid 4 into 5, 5 into 4, and 5 into 5.

All of these will be ignored if the "Do you want to use Tempo Protection?" box is not checked.

Tempo Protection ✕

Choose the tempo combinations you wish to avoid while scheduling

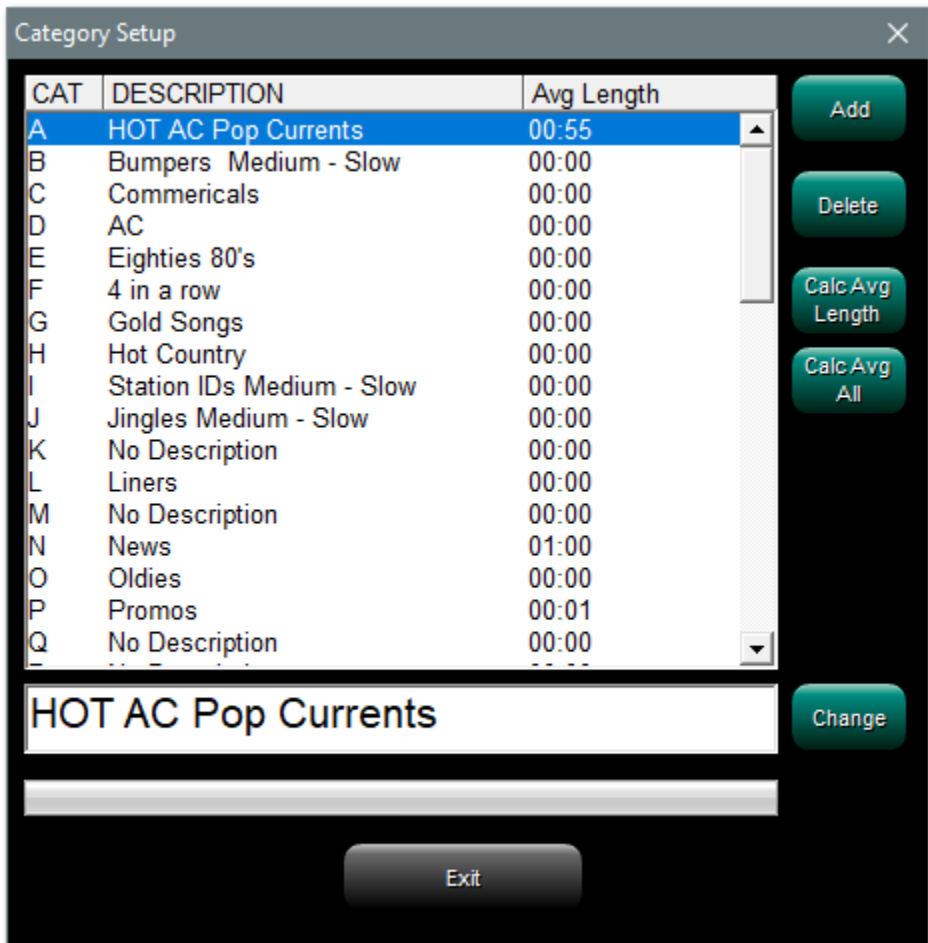
Policy 1 Policy 2 Policy 3 Policy 4 Policy 5 Policy 6 Policy 7 Policy 8 Policy 9

		Next Song Tempo				
		1	2	3	4	5
Previous Song Tempo	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Close

[Edit Categories](#)

This is where you setup the categories you will schedule.



You should try to make the various categories logical.

[Music Genres:] H Hits; CC Classic Hits; PP Pop; RR Classic Rock etc.,

[Event Names:] N News, S Sports, L Liners,

[Imaging] I IDs etc., P Promos

The Add button allows you to create a new, 2 digit category.

The Delete button will delete the currently selected category

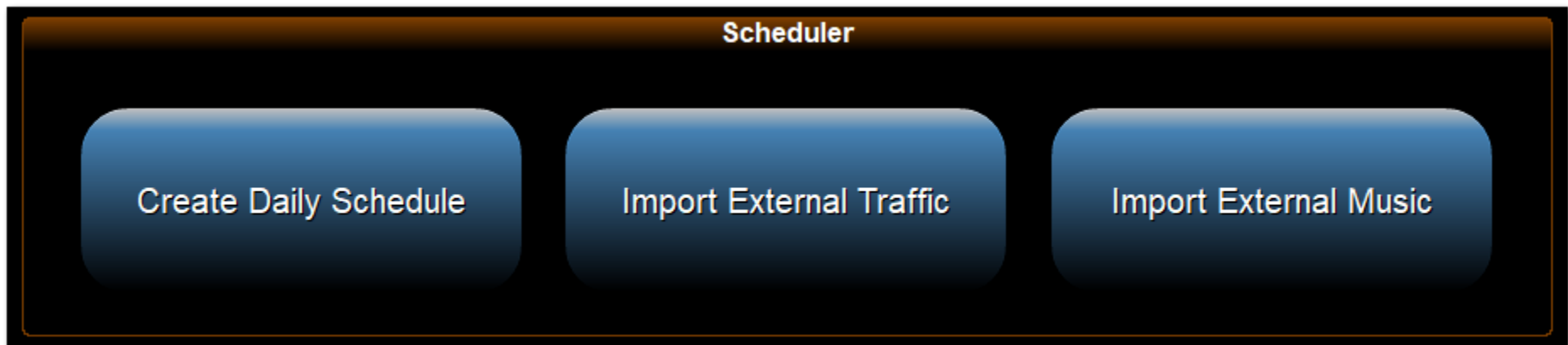
Calc Avg Length will give you the average length of every cut in the category.

Calc Avg All will give you the average length of every cut in each category.

If you wish to change the name of a category, click it to select, type the new name and then click Change.

Click exit to close the Category Setup and return to the Scheduler menu.

Scheduler Box



Click one of the links below, or click the picture above to return to the main DJB Radio Scheduler page.

[Create Daily Schedule](#)

[Import External Traffic](#)

[Import External Music](#)

If you use External Traffic or Music, please read [THIS SECTION](#) for some clarification.

[A Special Note on 3rd Party Importers](#)

It should be noted that whether you are importing the Traffic, the Music, or both you should be aware of the mechanics of the import slot commands.

Music

Command 9993 is for music imports.

Execute Command 9993 - Music Slot for Importing from Music Scheduler	00:00
Execute Command 9993 - Music Slot for Importing from Music Scheduler	00:00
Execute Command 9993 - Music Slot for Importing from Music Scheduler	00:00

The music playlist is loaded by Scheduler into each hour, slot-by-slot into music avails (Command 9993) set up in the Shells.

In other words, the first song in the hour is loaded into the first music slot for that hour in the shell, the second song into the second slot, and so on.

It is imperative that you have **at least** the same number of 9993 commands as the music scheduling software is sending.

It is okay to have more 9993 commands than are needed; at import time the excess will disappear.

If you don't have at least the correct number, you will experience log errors.

The error may show the song as missing when actually the 9993 slot to insert the song is lacking.

If you see errors and want more info, run the [Music Scheduler Error Report](#).

Traffic

Commands 9201 - 9220 are for traffic imports.

Execute Command 9201 - Schedule a Stop Set 1 Spot	00:00
Execute Command 9201 - Schedule a Stop Set 1 Spot	00:00
Execute Command 9201 - Schedule a Stop Set 1 Spot	00:00
Execute Command 9201 - Schedule a Stop Set 1 Spot	00:00
Execute Command 9202 - Schedule a Stop Set 2 Spot	00:00
Execute Command 9202 - Schedule a Stop Set 2 Spot	00:00
Execute Command 9202 - Schedule a Stop Set 2 Spot	00:00
Execute Command 9202 - Schedule a Stop Set 2 Spot	00:00

Command 9201 will catch 1 avail that is designated as being in break or stop set #1 by the traffic software.

Command 9202 will catch 1 avail that is designated as being in break or stop set #2 by the traffic software.

If the first break in the hour is 4 minutes, you need 4 minutes worth of 9201 commands, not necessarily 4 commands.

If your station plays :60s and :30s to make sure you have enough avail slots you would need 8 9201 commands for 4 minutes.

If you air :15s you would need 16 9201 commands to catch the maximum possible number of avails from your traffic system.

Then if you have another break in the hour you need at least the minimum number of 9202 commands to catch commercials designated for break or stop set #2.

If you have 3 breaks in the hour you need 9201s, 9202s, and 9203s.

You can go up to 20 breaks in an hour.

The break number characters in the TRAF file must match the last 2 digits of the 92xx command to schedule properly.

As with music above, you can schedule extra 92xx commands in your shell (or have extra embedded in your MUS file if the music scheduler adds the avails for stop sets).

But it is imperative that you have **at least** the same number of 92xx commands as the number of individual commercial elements in break number xx.

If you don't have at least the correct number, you will experience log errors.

The error may show the commercial as missing when actually there are not enough slots to load the commercial.

If you see errors and want more info, run the [Traffic Import Audit Report](#).

Create Daily Schedule

This is the main window for scheduling logs.

Create Daily Schedule

09/27/2019 Select Start Date

1

1 - DJB DEMO

Does this date fall on the Spring Forward day?

Does this date fall on the Fall Back day?

Automatically Overwrite Schedules that exist?

Title: 0 Gender: 0 Tempo: 0

Artist: 0 Dayparting: 0 Excluded Days: 0

Grid Auto Select

Monday	1
Tuesday	1
Wednesday	1
Thursday	1
Friday	1
Saturday	1
Sunday	1

Create Schedule Cancel

- Date Select
- Number of Days
- Shell to Use
- Spring Forward?
- Fall Back?
- Overwrite?

Grid Auto Select

Create Schedule

Cancel

1

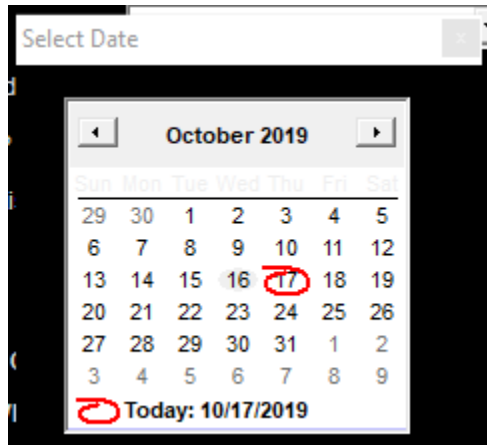
Date Select

Create a schedule for what date

09/27/2019

Select Start Date

The date window shows the next available date the scheduler will try to schedule. If you want to change the starting date, click the Select Start Date button and choose from the calendar.



2

Number of Days

How many days in a row to schedule

1

This box allows you to schedule multiple days at once.

3

Shell to Use

Use the log shells for what date

1 - DJB DEMO

You can select a specific shell number here. You can also use 0- [Grid Auto Select](#). More on that below or click the link.

Use the log shells for what date

0 - Grid Auto Select

4

Spring Forward?

Does this date fall on the Spring Forward day ?

If you are in an area that uses Daylight Saving Time, you will need to check this once per year when you schedule that day's log.

5

Fall Back?

Does this date fall on the Fall Back day ?

If you are in an area that uses Daylight Saving Time, you will need to check this once per year when you schedule that day's log.

6

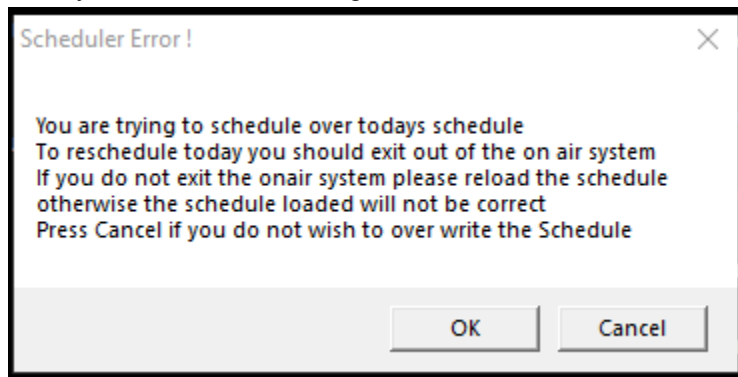
Overwrite?

Automatically Overwrite Schedules that exist ?

If you click this box, it will overwrite an existing log with no further warnings.

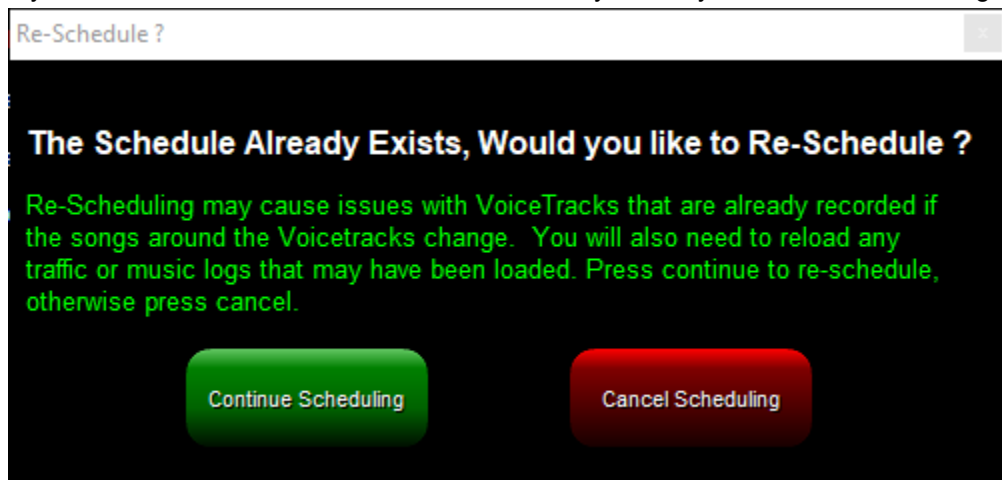
The exception to this is if you attempt to reschedule today's log and the On Air software is using it.

Then you will see this warning:



It will still let you overwrite the log if you click OK, but the changes will not occur in the studio until the schedule is refreshed.

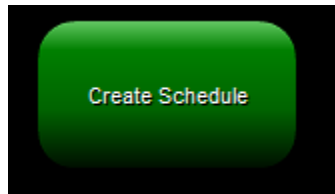
If you don't check the box but the schedule already exists, you will see the following warning:



If you click Continue Scheduling it will overwrite the log; if you click Cancel Scheduling it will leave the existing log.

7

Create Schedule



Once all of the parameters are correct, click this button to begin.

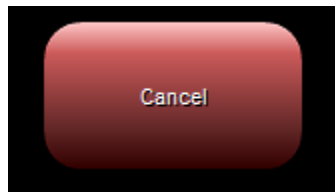
First the shell will become a template. If you are using external music and traffic then it will be done.

If Scheduler is scheduling your music, the template will begin to fill with items based on the order of your categories in the setup.

You can read more about that [HERE](#)

8

Cancel



Clicking Cancel will interrupt a schedule in process.

If nothing is in process it will simply close the window.

9

Grid Auto Select

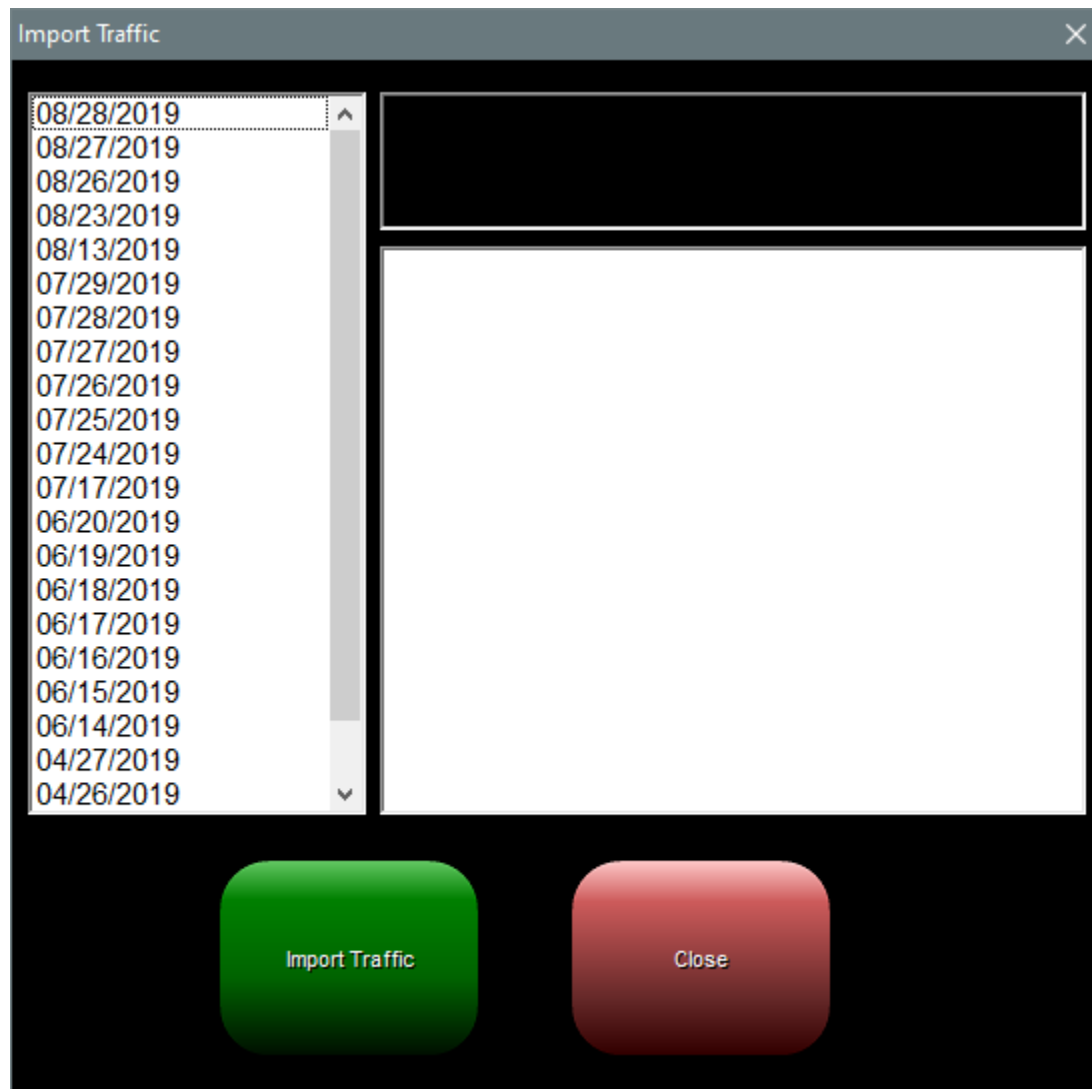
You will likely have different shells for the different days of the week, and you can use the [0-Grid Auto Select option](#) to automate the process.

Use the log shells for what date

In the example below, if you schedule an entire week each day will use a different shell.

Grid Auto Select	
Monday	1
Tuesday	2
Wednesday	3
Thursday	4
Friday	5
Saturday	6
Sunday	7

Import External Traffic



Importing A Traffic Log from a 3rd Party Scheduler

From the **Scheduler Menu** if you select the **[Import External Traffic]** button the above window will pop up. To import traffic from a Traffic Log file, highlight the day you wish to import and click the **[Import Traffic]** button.

When you are finished importing Traffic click the **[Close]** button.

DJB Radio can work with many 3rd party systems. In the following pages you will see instructions for working with Natural Log. These are here for example's sake - if you use a different 3rd party scheduler, please contact us for assistance support@djbradio.com

Traffic Import File Structure

- ASCII File (Text)
- Filename format is DDD_Traf.log, where DDD is the first 3 letters of the day of the week. (MON, TUE, etc.)
- Event format is HHSS[space]CCCCC where:
 - HH is the hour in military time (00 through 23),
 - SS is the Stopset number 01 to 20 within that hour, then a single space,
 - CCCCC is up to a 5 digit cart number 00001 to 99999 - does not need to have leading zeroes.
- If there are 4 stop sets in an hour but a stop set is empty, you may either exclude that set from the file or make the cart number 00000

Here is an example of what the DDD_TRAF.log file might contain:

Time - Cart#

```
0001 00669
0001 00928
0001 00733
0001 00904
0001 00311
0001 00816
0101 00669
0101 00816
0101 00832
0101 00821
0101 00733
0101 00743
0101 00838
0101 08015
0201 00669
0201 00816
0201 00821
0201 00827
0201 00840
0201 00804
0201 00928
0201 08015
0301 00816
0301 00804
0301 00844
0301 08015
0301 00904
0301 00669
0301 00738
```

0401 00669
0401 00703
0401 00832
0401 00821
0401 00827
0401 00804
0401 00926
0501 08019
0501 00733
0501 00811
0501 08015
0501 00930
0501 00816
0502 00838
0502 00718
0502 08015
0502 00931
0503 00859
0503 00930
0503 00668
0504 00920
0504 00923
0504 00827
0504 00931
0601 00932
0602 00770
0603 00147
0603 00933

Natural Log Instructions

Natural Log Traffic Import for DJB Radio Automation

Automation Logs are created in the NL8 Log Editor. At the Natural Log main screen, select **[Logs]**. Select an existing commercial log and then click **[Open]**. In the NL8 log Editor, click **[Convert-Log] [Automation Log]** to create the Automation Log.

DJB Radio Cut Numbers

The DJB Radio system uses 5 digit cart numbers from 1 to 99999 which can be entered directly into Natural Log orders. All you need to do is enter the DJB Radio cut number (1 to 99999) for the particular commercial spot into the "CopyID" field in the Natural Log system when entering the order lines. Make sure the number in NL8 exactly matches the number in the DJB Radio (including leading 0's if used).

Log Reconciliation is supported for DJB Radio

You must obtain the DJB Radio "history file" for Natural Log to read the exact spot run times. Copy the play log file for the selected single date to a folder on your LAN, and use the **[ConvertLog] [Reconcile Schedule-Log with Play-Log]** function in the **Log Editor** section of Natural Log, with the day's log loaded into the NL8 Log Editor. You will need to use the [Browse] button to point NL8 to the PlayLog. Natural Log will read the run times and print a discrepancy report.

Output & Input Log FileNames

Output (send) log file

ddd_TRAF.LOG ddd=Day of week (MON, TUE, WED...)

MON_TRAF.LOG is Send Log (spots) for Monday

Input (reconcile log file

History - MMDDYYYY.txt where MM=Month, DD=Day, YYYY=Year

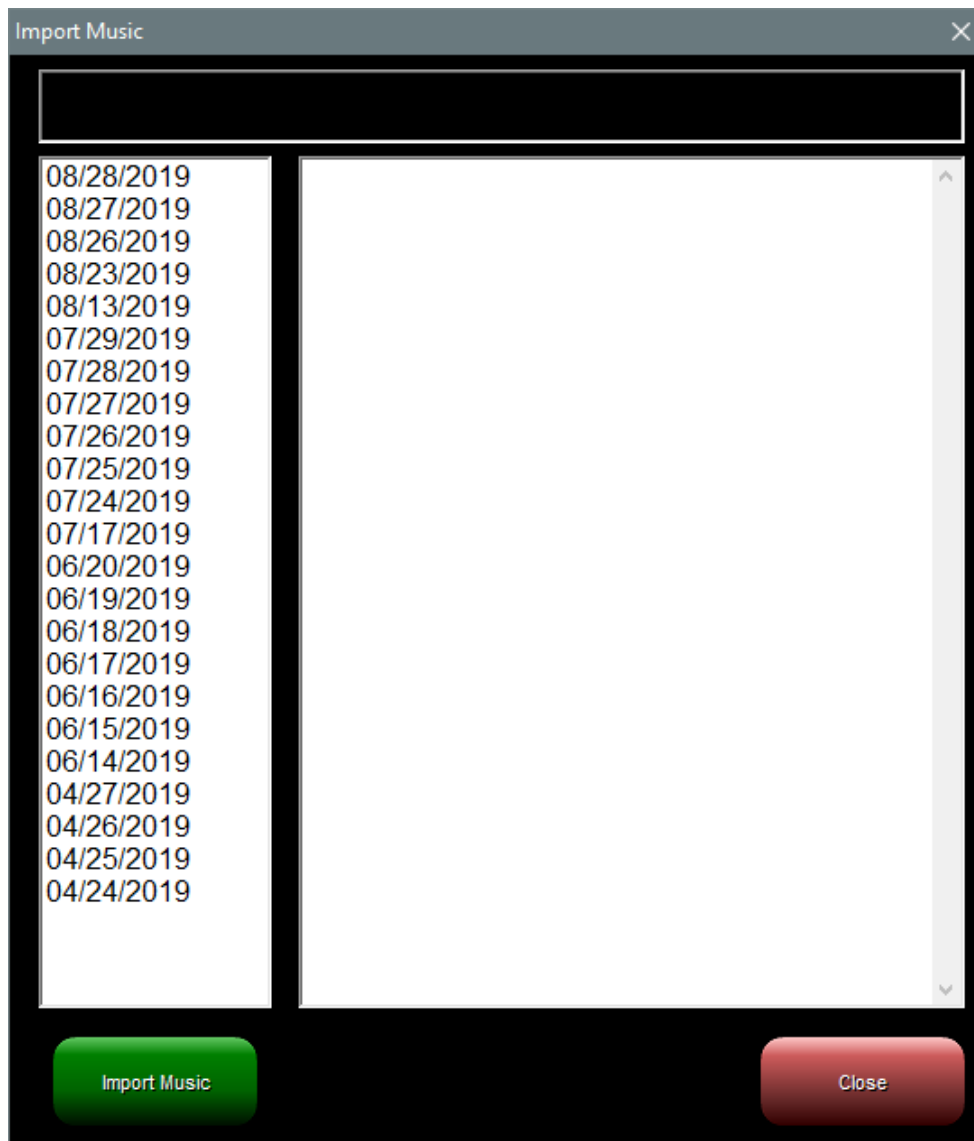
History - 10172019.txt is the DJB Radio history file for October 17th, 2019

DJB Radio Break Numbers

The DJB Radio works with individual breaks numbered beginning with **BREAK1** in each hour, in which you can insert spots. Natural Log allows you to set up only those breaks you want to use in the Natural Log Templates. You need a way to identify the DJB Radio "Break numbers" into which the spots are to be inserted when the log conversion is done. Therefore, immediately before each "Commercial Break" on the Natural Log Template, you need to give it a DJB Radio "Break number". Within each hour you can have breaks numbered from 1 to 20. The break number must precede every break in the NL8 log templates.

Page 10-46 Natural Log User Manual

Import External Music



Import Music From 3rd Party Scheduler

From the Scheduling Menu if you select **[Import External Music]** you will see the above window. To import music from a Music Log file, highlight the day you wish to import and click the **[Import Music]** button.

When you are finished importing Music click the **[Close]** button.

DJB Radio can work with many 3rd party systems. In the following pages you will see instructions for working with Natural Music. These are here for example's sake - if you use a different 3rd party scheduler, please contact us for assistance support@djbradio.com

Import Music Structure

- ASCII File (Text)
- Filename format is DDD_Mus.log Where DDD is the first 3 letters of the day of the week. (MON, TUE, etc.)
- Event format is HH[space]CCCCC where:
 - HH is the hour in military time 00 through 23, followed by a single space,
 - CCCCC is up to a 5 digit cart number 00001 to 31000 - leading zeroes are not mandatory.
- You need to schedule at least the same number of 9993 command cuts in the DJB Radio as you schedule per hour in your music scheduler.
- It is okay to have too many 9993s, but having too few will cause problems.

Here is an example of what the DDD_MUS.log file might contain:

Time - Cart#

```
00 01434
00 01826
00 00957
00 01834
00 01850
00 01605
00 00305
00 01835
00 01341
00 01801
00 01761
00 01812
00 01713
00 01851
00 00338
00 00685
00 01382
00 00029
01 00247
01 01630
01 01544
01 01837
01 01840
01 01778
01 01377
01 01752
01 01755
01 01325
01 01763
```

01 01530
01 01843
01 01831
01 01418
01 00860
01 00141
01 00340
02 01626
02 00699
02 01797
02 00529
02 01703
02 01842
02 01740
02 01361
02 01855
02 01825
02 00552
02 01634
02 01804
02 00675
02 01847
02 00578
02 01075
02 01585
03 01833
03 01846
03 01624
03 01823
03 01849
03 01777
03 01481
03 01756
03 01329
03 01802
03 01633

Natural Music Instructions

DJB Radio Automation Log

Automation Logs are created in the Music Log Editor. At the Natural Music main screen, select **[Logs]**.

Select an existing Music Log and then click **[Open]**. In the Music Log Editor, click **[Automation Log]** to create the Automation Log

DJB Radio Music Log FileName

The output music log is named **day_MUS.LOG**, where **day** is 3-letter day of week. The day_MUS.LOG file format is a proprietary format of DJB Radio and does not use the *Generic Text Log File Format*.

Example: Music Log for Saturday is SAT_MUS.LOG This file can be viewed with a text editor such as Notepad.

Slot-by-Slot Loading

The Natural Music song list is loaded by DJB Radio into each hour slot-by-slot into Music avails set up in the DJB Radio clocks. In other words, the first song in the hour is loaded into the first music slot for that hour in DJB Radio, the second song into the second slot, and so on.

At the top of each hour, DJB Radio skips any unused songs in the prior hour and starts loading the first song in the new hour as listed in Natural Music's Music Log.

DJB Radio™ Source Restrictions

DJB Radio uses a Cut Number from 1 to 99999 to identify cuts.

Be sure to put a valid DJB Radio cut ID in the Source entry field in Natural Music.

This is the field that will be sent to DJB Radio to tell it to play this Audio Cut

Scheduler Maintenance Box

Scheduler Maintenance

Shuffle Audio Categories

Zip Schedules and History

Delete Selected Schedule
Zip

Schedule Zip - 092019.zip

Zip Schedules and History Status

Click one of the links below, or click the picture above to return to the main DJB Radio Scheduler page.

[Shuffle Audio Categories](#)

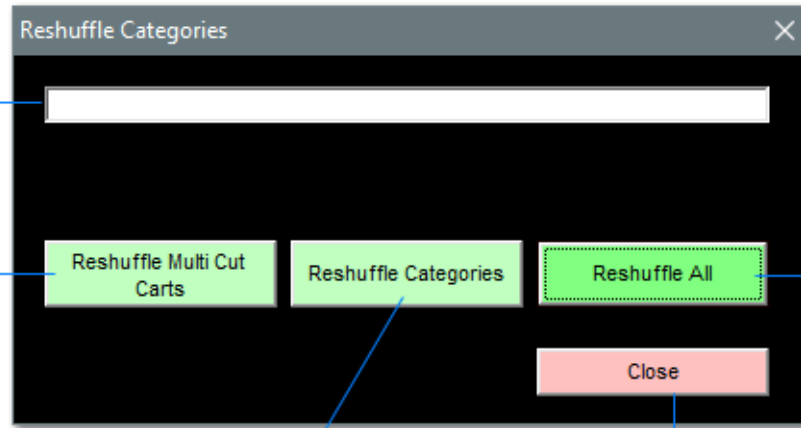
[Zip Schedules and History](#)

[Delete Selected Schedule Zip](#)

[Shuffle Audio Categories](#)

Category Text Box - For Reshuffling Categories

Reshuffle Multi-Cut Carts



Reshuffle All

Reshuffle Categories

Close Window

1 Category Text Box - For Reshuffling Categories



Reshuffling your audio categories randomizes the order in which songs (and other elements) are selected by our built-in scheduler. Doing this once a week can greatly reduce the repetitiveness of your station's music.

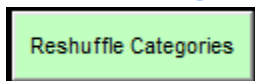
To reshuffle the audio cuts in **specific categories** ie. (A, AA, B, BB,) enter the categories you want to reshuffle in the text box. As illustrated above, in the text box, **separate each category with a comma.**

2 Reshuffle Multi-Cut Carts



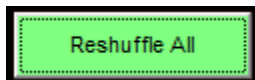
To reshuffle the Multi-Cut Carts, (cart numbers that house multiple audio cuts within them), simply press **[Reshuffle Multi-Cut Carts]**. Click [HERE](#) for more info on Multi-Cut Carts.

3 Reshuffle Categories



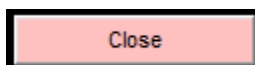
After entering the categories (comma separated) in the Text Box in the above illustration, click the **[Reshuffle Categories]** button.

4 Reshuffle All



To reshuffle the audio cuts in **ALL** your audio categories click the **[Reshuffle All]** button.

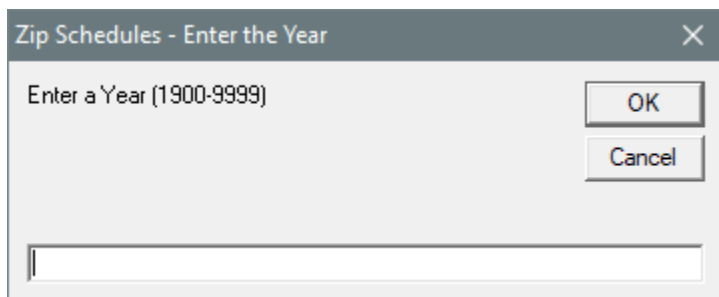
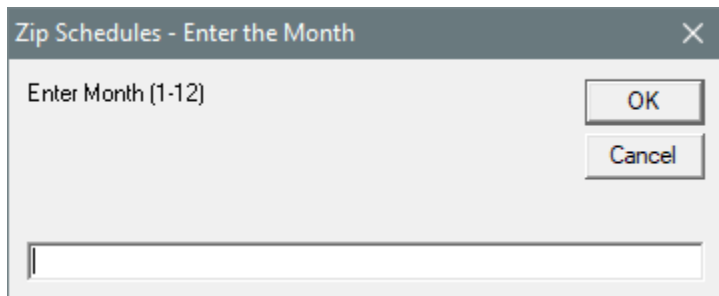
5 Close Window



Press the **[Close]** button to return to the Scheduler Main Menu

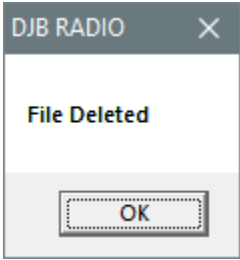
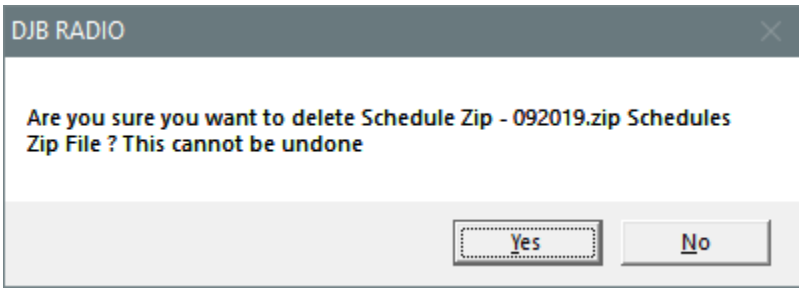
Zip Schedules and History

To keep your JBData folder tidy, you can archive old logs one month at a time. Click [Zip Schedules and History] and then enter the month (1-12) and year (YYYY) you wish to zip. You can then back up the files or delete them, they will be located in the JBData\Schedules folder.



Delete Selected Schedule Zip

Once you have zipped a month's schedules and history files, you can copy them elsewhere for backup purposes or delete them to save space. Click on one of the zip files shown and click [Deleted Selected Schedule Zip]. Answer yes to the following dialog and the file will be deleted.



Scheduler Report Boxes

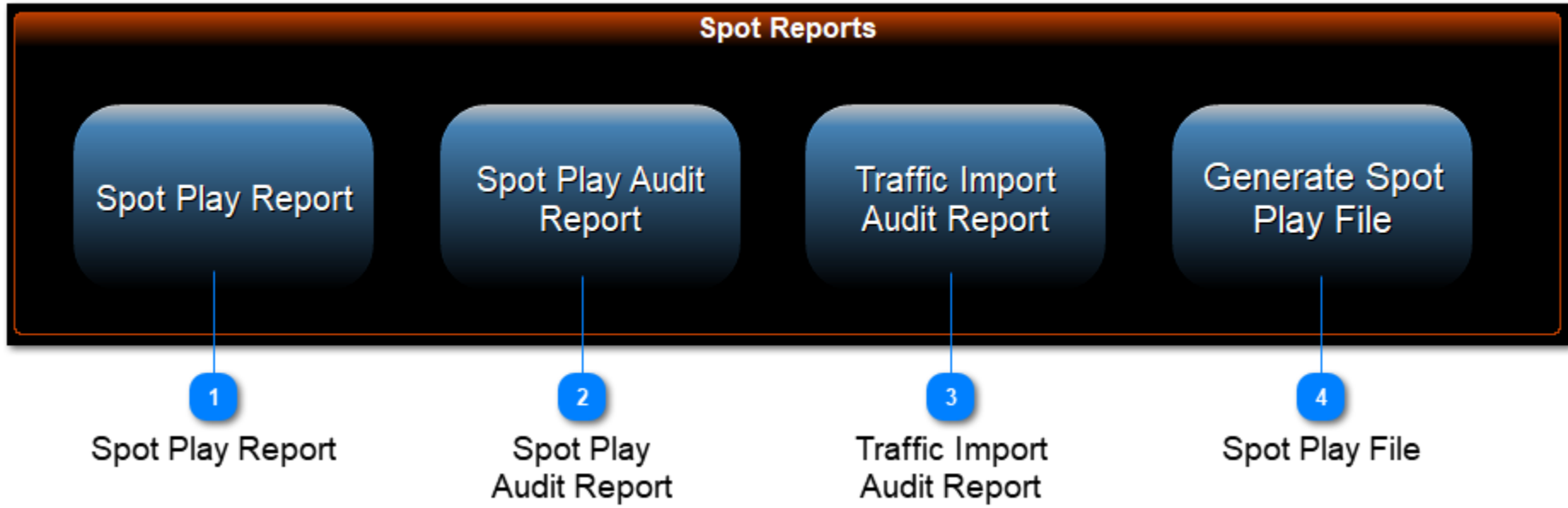


Click one of the links below, or click the picture above to return to the main DJB Radio Scheduler page.

- [Spot Reports](#)
- [Music Reports](#)
- [Other Reports](#)
- [System Reports](#)

Spot Reports

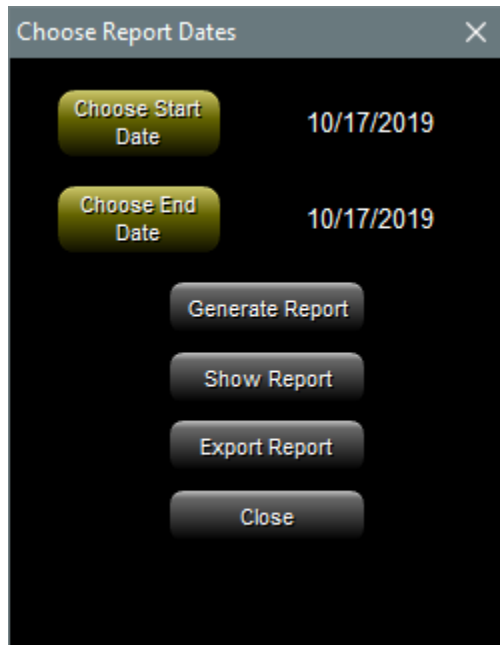
This row of buttons contains the reports pertaining to Commercials.



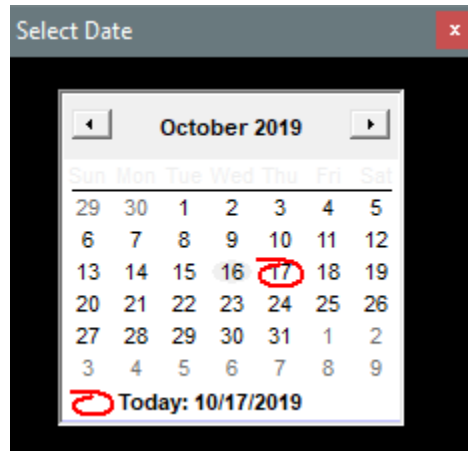
1 Spot Play Report



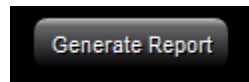
The Spot Play Report looks at the schedule file for the date or dates you choose and returns a report containing all the commercials that played.



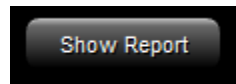
First you choose the date or dates on the window below.



Then you click Generate Report.



To see the report on screen, click Show report:



You will see something like the image below.

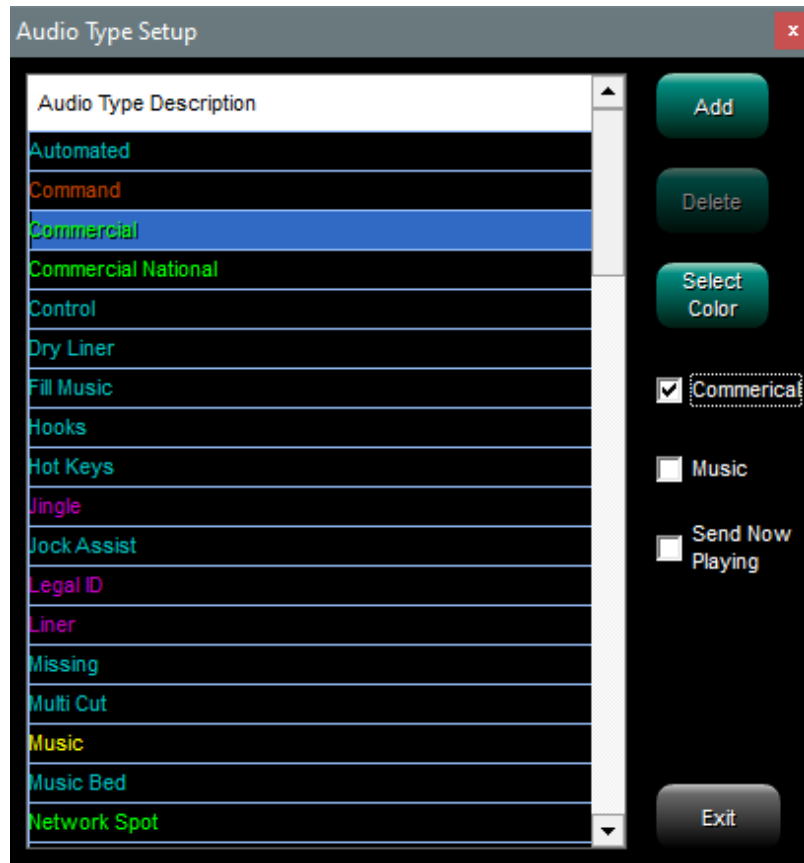
Spot Play History Report

	date	time	file	artist	title
▶	10/17/2019	14:36:52	90	TV Commercials	Slinky (It's Slinky)
	10/17/2019	14:37:45	80	A & W Root Beer	A & W Root Beer
	10/17/2019	14:38:01	84	Coca Cola Jingle	1999
	10/17/2019	14:39:00	81	Advertise On Radio Sp	Advertise On Radio Sp
	10/17/2019	14:40:01	83	Car	Studebaker
	10/17/2019	14:40:18	82	Alka Seltzer	Plop Plop Fizz Fizz

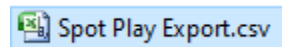
You can click the Print Preview button  to see what it will look like if printed.

You can click the Print button  to print the report on actual paper.

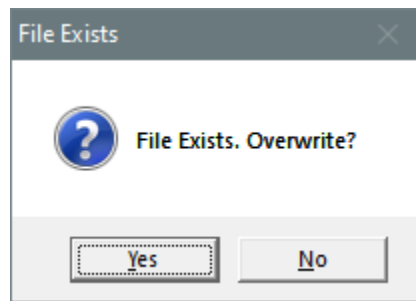
If the report is blank, either no commercials played or your Audio Types haven't been setup for Commercials like in the picture below. Click [HERE](#) for info on settings [Audio Types](#).



If you click Export Report it will create the file in your JBdata\Schedules\ folder.



If there is already a file there you will see the following warning:



Click yes to replace the existing file.

NOTE: The file is saved with a CSV (Comma Separated Values) extension, but due to the fact that there could be commas in the title and artist columns, the actual delimiter is a semicolon.

When you import it into your favorite spreadsheet program at text make sure you identify the semicolon (;) as the delimiter.

2 Spot Play Audit Report



This report button shows a list of SpotPlay - MMDDYYYY.txt files that contain a record of every Commercial file played. Remember that the Commercials need to be setup in [Audio Types](#) first!

You can Click File, then Save As to save a copy.
You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.
You can click Print to bring up a Print Dialog.

A screenshot of a text editor window titled "SpotPlay - 10172019.txt". The window has a menu bar with "File" and "Edit". On the left is a file list with "SpotPlay - 10172019.txt" selected. The main area contains a list of commercial spots with their timestamps and descriptions. A "Print" button is at the bottom left.

Timestamp	Commercial Description
10-17-2019 14:36:52	00090 - TV Commercials - Slinky (It's Slinky) - Played 00:53 [16216]
10-17-2019 14:37:45	00080 - A & W Root Beer - A & W Root Beer - Played 00:16 [16216]
10-17-2019 14:38:01	00084 - Coca Cola Jingle - 1999 - Played 00:58 [16216]
10-17-2019 14:39:00	00081 - Advertise On Radio Spot - Advertise On Radio Spot - Played 01:01 [16216]
10-17-2019 14:40:01	00083 - Car - Studebaker - Played 00:17 [16216]
10-17-2019 14:40:18	00082 - Alka Seltzer - Plop Plop Fizz Fizz - Played 00:27 [16216]
10-17-2019 14:36:52	00090 - TV Commercials - Slinky (It's Slinky) - Played 00:54
10-17-2019 14:37:45	00080 - A & W Root Beer - A & W Root Beer - Played 00:17
10-17-2019 14:38:01	00084 - Coca Cola Jingle - 1999 - Played 00:59
10-17-2019 14:39:00	00081 - Advertise On Radio Spot - Advertise On Radio Spot - Played 01:01
10-17-2019 14:40:01	00083 - Car - Studebaker - Played 00:18
10-17-2019 14:40:18	00082 - Alka Seltzer - Plop Plop Fizz Fizz - Played 00:29

3 Traffic Import Audit Report



This allows you to see the error reports from importing 3rd Party Traffic.
Click on the Traffic Import - MMDDYYYY file you wish to look at.
You can Click File, then Save As to save a copy.
You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.
You can click Print to bring up a Print Dialog.

A screenshot of a software window titled "Traffic Import - 10182019.txt". The window has a menu bar with "File" and "Edit". The main content area shows a list of error messages:

- 0 - Cut 00113 Break Not Found in Schedule - 2
- 1 - Cut 00084 Break Not Found in Schedule - 1
- 1 - Cut 00081 Break Not Found in Schedule - 1
- 1 - Cut 00091 Break Not Found in Schedule - 1
- 1 - Cut 00084 Break Not Found in Schedule - 1
- 2 - Cut 00112 is out dated.

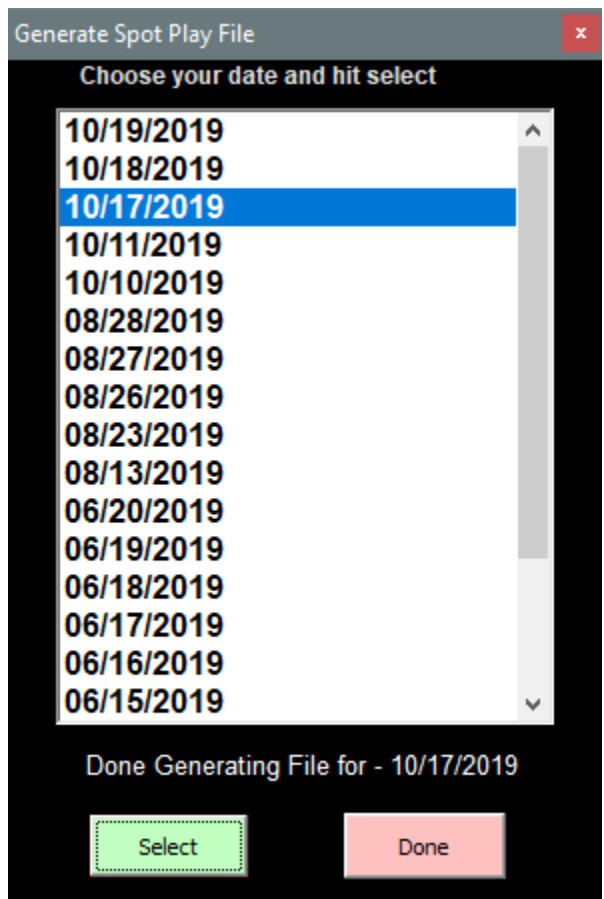
A "Print" button is visible at the bottom left of the window.

4

Spot Play File



This button will allow the generation of a missing Spot Play - MMDDYYYY.txt file. Click on the date to select and then click the green Select button. When done, click the pink Done button.



This row of buttons contains the reports pertaining to Music.

Music Reports

Music Reports

BMI / ASCAP Report

Song Play Audit Report

Spins Report

1

BMI/ASCAP Report

2

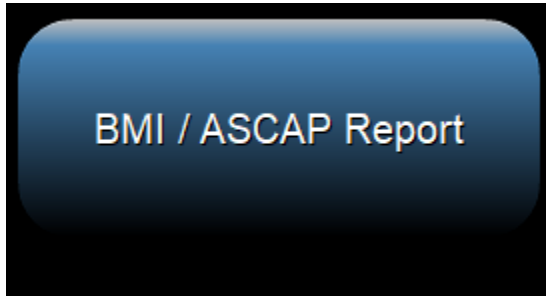
Song Play Audit Report

3

Spins Report

1

BMI/ASCAP Report



Use this button to generate reports requested by Music Publishers.

Choose Report Dates ×

Choose Start Date	06/14/2019
Choose End Date	06/19/2019

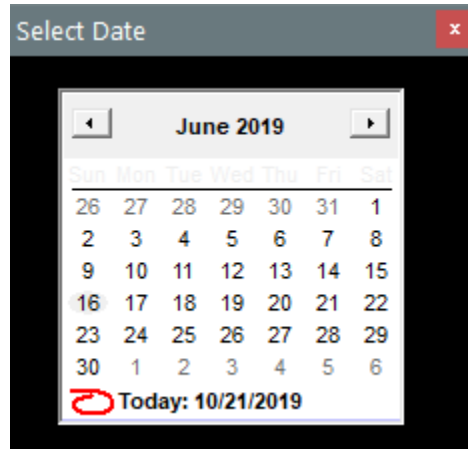
Generate Report

Show Report

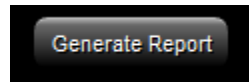
Export Report

Close

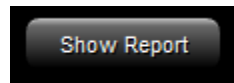
First you choose the date or dates on the window below.



Then you click Generate Report.



To see the report on screen, click Show report:



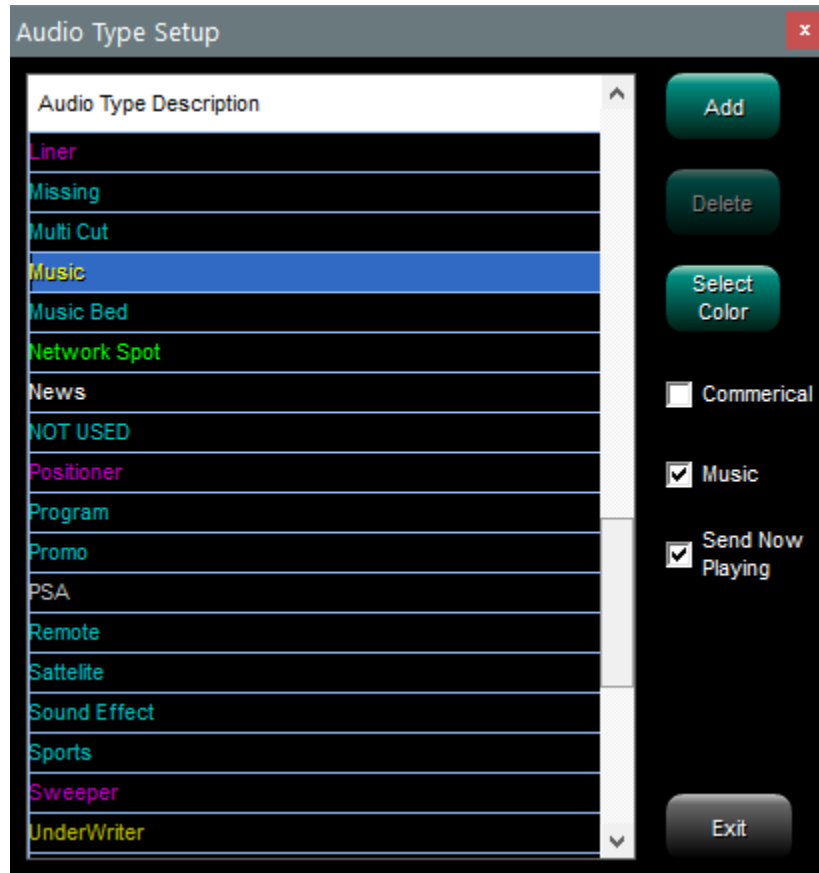
You will see something like the image below.

BMI Report						
	date	time	artist	title	album	composer
▶	06/14/2019	16:46:51	Combo Audio	Romanticide	Living In Oblivion: The	No Composer Info in Da
	06/14/2019	16:50:03	999	Homicide	Living In Oblivion: The	No Composer Info in Da
	06/14/2019	16:53:18	Fleetwood Mac	Little Lies	Tango in the Night	Christine McVie, Eddy Q
	06/14/2019	16:53:43	Missing Persons	Destination Unknown	Living In Oblivion - The	No Composer Info in Da
	06/15/2019	16:46:51	Combo Audio	Romanticide	Living In Oblivion: The	No Composer Info in Da
	06/15/2019	16:50:03	999	Homicide	Living In Oblivion: The	No Composer Info in Da
	06/15/2019	16:53:18	Fleetwood Mac	Little Lies	Tango in the Night	Christine McVie, Eddy Q
	06/15/2019	16:53:43	Missing Persons	Destination Unknown	Living In Oblivion - The	No Composer Info in Da
	06/16/2019	16:46:51	Combo Audio	Romanticide	Living In Oblivion: The	No Composer Info in Da
	06/16/2019	16:50:03	999	Homicide	Living In Oblivion: The	No Composer Info in Da
	06/16/2019	16:53:18	Fleetwood Mac	Little Lies	Tango in the Night	Christine McVie, Eddy Q
	06/16/2019	16:53:43	Missing Persons	Destination Unknown	Living In Oblivion - The	No Composer Info in Da
	06/17/2019	16:46:51	Combo Audio	Romanticide	Living In Oblivion: The	No Composer Info in Da
	06/17/2019	16:50:03	999	Homicide	Living In Oblivion: The	No Composer Info in Da
	06/17/2019	16:53:18	Fleetwood Mac	Little Lies	Tango in the Night	Christine McVie, Eddy Q
	06/17/2019	16:53:43	Missing Persons	Destination Unknown	Living In Oblivion - The	No Composer Info in Da
	06/18/2019	16:46:51	Combo Audio	Romanticide	Living In Oblivion: The	No Composer Info in Da
	06/18/2019	16:50:03	999	Homicide	Living In Oblivion: The	No Composer Info in Da
	06/18/2019	16:53:18	Fleetwood Mac	Little Lies	Tango in the Night	Christine McVie, Eddy Q
	06/18/2019	16:53:43	Missing Persons	Destination Unknown	Living In Oblivion - The	No Composer Info in Da
	06/19/2019	16:46:51	Combo Audio	Romanticide	Living In Oblivion: The	No Composer Info in Da
	06/19/2019	16:50:03	999	Homicide	Living In Oblivion: The	No Composer Info in Da
	06/19/2019	16:53:18	Fleetwood Mac	Little Lies	Tango in the Night	Christine McVie, Eddy Q
	06/19/2019	16:53:43	Missing Persons	Destination Unknown	Living In Oblivion - The	No Composer Info in Da

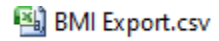
You can click the Print Preview button  to see what it will look like if printed.

You can click the Print button  to print the report on actual paper.

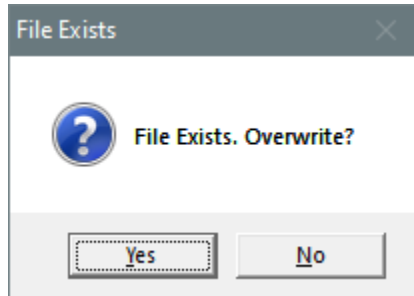
If the report is blank, either no music played or your Audio Types haven't been setup for Music like in the picture below. Click [HERE](#) for info on settings [Audio Types](#).



If you click Export Report it will create the file in your JBdata\Schedules\ folder.



If there is already a file there you will see the following warning:



Click yes to replace the existing file.

NOTE: The file is saved with a CSV (Comma Separated Values) extension, but due to the fact that there could be commas in the title and artist columns, the actual delimiter is a semicolon.

When you import it into your favorite spreadsheet program at text make sure you identify the semicolon (;) as the delimiter.

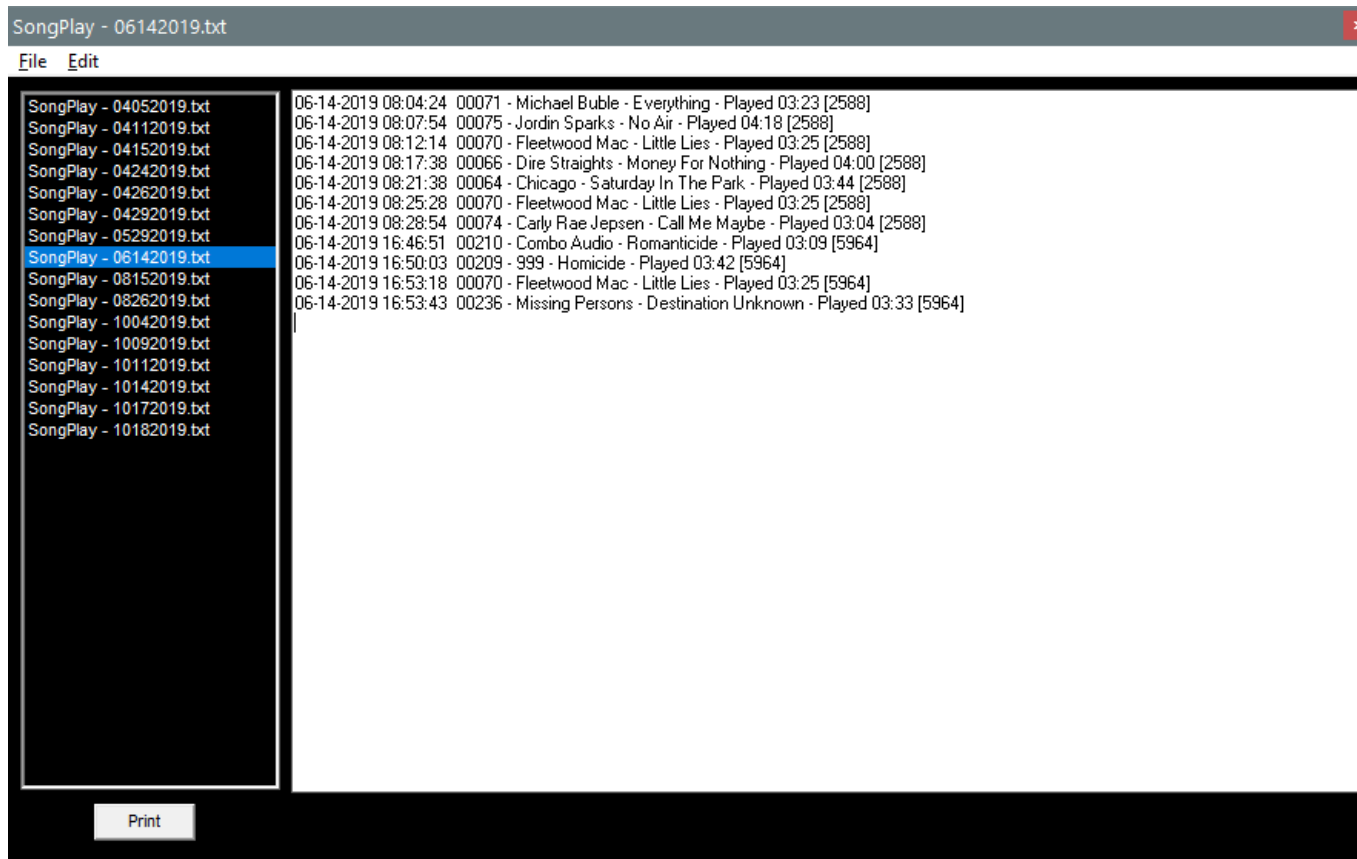


This report button shows a list of SongPlay - MMDDYYYY.txt files that contain a record of every Music file played.
Remember that Music needs to be setup in [Audio Types](#) first!

You can Click File, then Save As to save a copy.

You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.

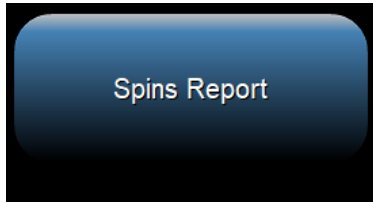
You can click Print to bring up a Print Dialog.



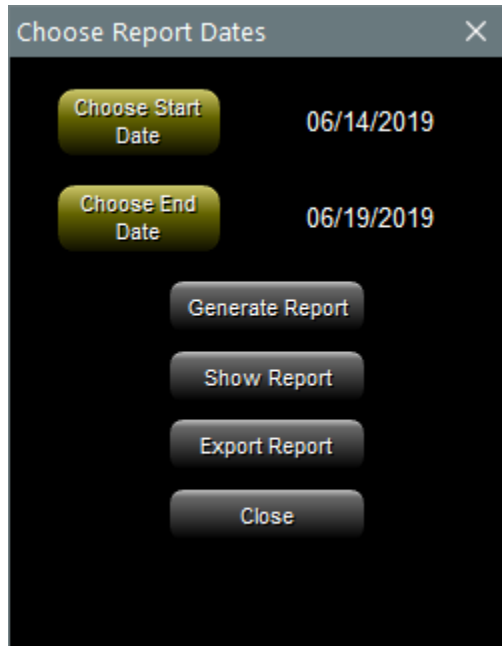
File	Record
SongPlay - 04052019.txt	06-14-2019 08:04:24 00071 - Michael Buble - Everything - Played 03:23 [2588]
SongPlay - 04112019.txt	06-14-2019 08:07:54 00075 - Jordin Sparks - No Air - Played 04:18 [2588]
SongPlay - 04152019.txt	06-14-2019 08:12:14 00070 - Fleetwood Mac - Little Lies - Played 03:25 [2588]
SongPlay - 04242019.txt	06-14-2019 08:17:38 00066 - Dire Straights - Money For Nothing - Played 04:00 [2588]
SongPlay - 04262019.txt	06-14-2019 08:21:38 00064 - Chicago - Saturday In The Park - Played 03:44 [2588]
SongPlay - 04292019.txt	06-14-2019 08:25:28 00070 - Fleetwood Mac - Little Lies - Played 03:25 [2588]
SongPlay - 05292019.txt	06-14-2019 08:28:54 00074 - Carly Rae Jepsen - Call Me Maybe - Played 03:04 [2588]
SongPlay - 06142019.txt	06-14-2019 16:46:51 00210 - Combo Audio - Romanticide - Played 03:09 [5964]
SongPlay - 08152019.txt	06-14-2019 16:50:03 00209 - 999 - Homicide - Played 03:42 [5964]
SongPlay - 08262019.txt	06-14-2019 16:53:18 00070 - Fleetwood Mac - Little Lies - Played 03:25 [5964]
SongPlay - 10042019.txt	06-14-2019 16:53:43 00236 - Missing Persons - Destination Unknown - Played 03:33 [5964]
SongPlay - 10092019.txt	
SongPlay - 10112019.txt	
SongPlay - 10142019.txt	
SongPlay - 10172019.txt	
SongPlay - 10182019.txt	

3

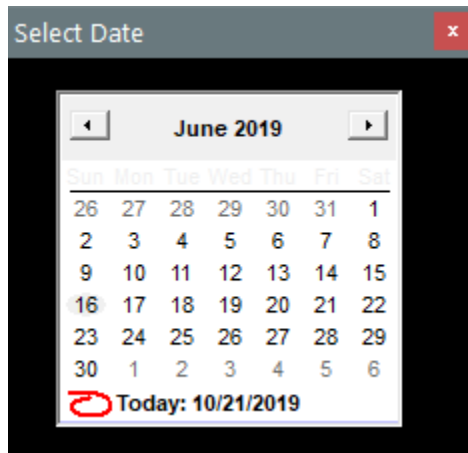
Spins Report



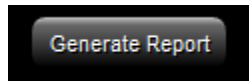
The Spins Report allows you to select a start and end date and also select which Music Categories you wish to check for total number of Spins (plays).



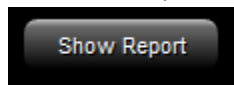
First you choose the date or dates on the window below.



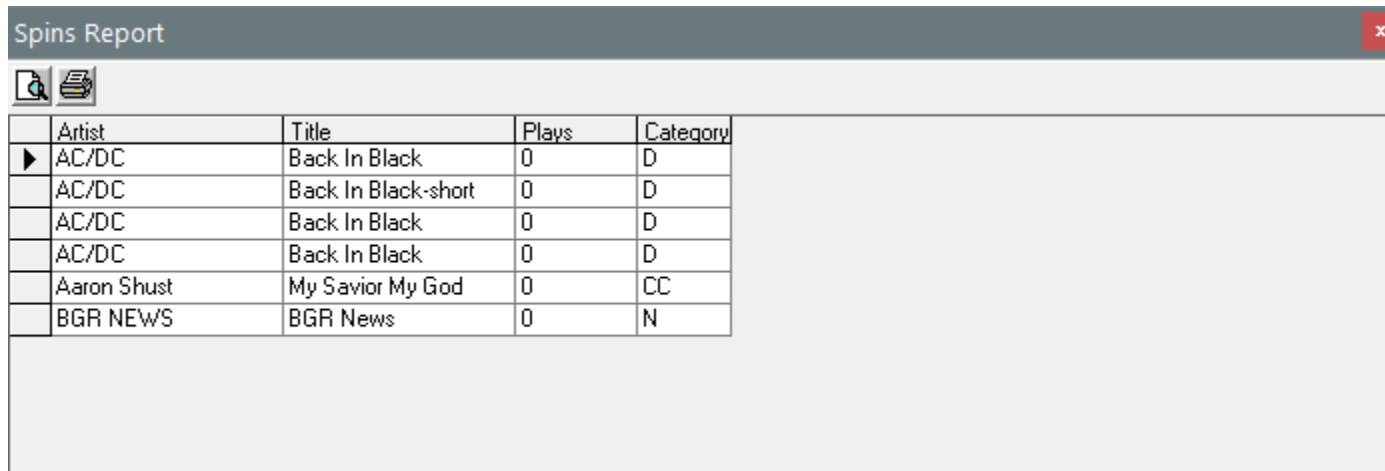
Then you click Generate Report.



To see the report on screen, click Show report:




You will see something like the image below.



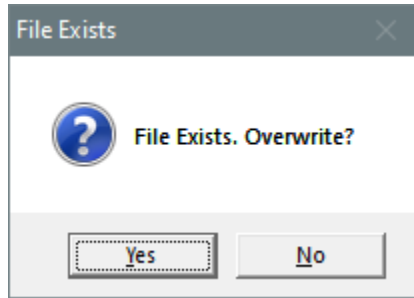
You can click the Print Preview button  to see what it will look like if printed.

You can click the Print button  to print the report on actual paper.

If you click Export Report it will create the file in your JBdata\Schedules\ folder.

 SPINS Report Export.csv

If there is already a file there you will see the following warning:



Click yes to replace the existing file.

NOTE: The file is saved with a CSV (Comma Separated Values) extension, but due to the fact that there could be commas in the title and artist columns, the actual delimiter is a semicolon.

When you import it into your favorite spreadsheet program at text make sure you identify the semicolon (;) as the delimiter.

Side Note: If you don't pick any categories, the software will scan all existing Schedule files and report the number of spins of every cut in every category.

Other Reports

Other Reports

Audio Cuts Report

Music Import Audit Report

Music Scheduler Error Report

1

Audio Cuts Report

2

Music Import Audit Report

3

Music Scheduler Error Report

1

Audio Cuts Report



The Audio Cuts Report is a versatile search and report tool.

If you click "Any of the below (OR)" and leave everything else blank, you will get a report of every cut in your DJB Database.

If you want a more specific report:

On the Window below, first select the Audio Type you wish to search for.

You can add a Category, Tempo, Gender, Artist, and even whether or not the cut is Active.

In the Sort By box you select how you want the report sorted.

Below that are 2 important radio buttons:

"All of the below (AND)"

"Any of the below (OR)"

If you select AND only items of the Audio Type that meet ALL of the additional criteria will be reported.

If you select OR any items of the Audio Type that meet ANY of the additional criteria will be reported.

The last option, Tagged Cuts Only will only report cuts you have currently tagged in Production.

For more on Tagging look [HERE](#)

Audio Cuts Report ✕

Audio Type

Category

Tempo

Gender

Artist

Active

Sort By

Artist Category

Title Length

Cut Number

All of the below (AND)

Any of the below (OR)

Tagged Cuts Only

Clear Criteria

Generate Report

Show Report

Export Report Close

If you wish to empty all of the boxes and start over, click [Clear Criteria]

Once you are happy with your criteria then click Generate Report.

Generate Report

To see the report on screen, click Show report:

Show Report

You will see something like the image below.

Audio Cuts Report


CutNumber	Artist	Title	Album	Cat	Type	Intro	Length	Composer
92		Title but no Artist	jingle...the studebakers	00	Commercial	0.5	00:18	
209	999	Homicide	Living In Oblivion: The 8 A		Music	15.402	03:43	
80	A & W Root Beer	A & W Root Beer	Jingle...A&W Rootbeer!	00	Commercial	0.5	00:17	
6000	Aaron Shust	My Savior My God		CC	Music	0	04:15	
2	AC/DC	Back In Black		D	Music	0.5	04:08	
3	AC/DC	Back In Black-short		D	Music	0.5	04:08	
4	AC/DC	Back In Black		D	Music	0.5	04:08	
58	AC/DC	Back In Black		D	Music	0.5	04:08	
81	Advertise On Radio Spc	Advertise On Radio Spc...or the radio advertising		00	Commercial	0.5	01:01	
82	Alka Seltzer	Plop Plop Fizz Fizz	jingle...oh what a relief it	00	Commercial	0.5	00:29	
91	Artist but no title		jingle...the studebakers	00	Commercial	0.5	00:18	
99039	BGR NEWS	BGR News		N	News	0.5	01:00	
52	Big Rig Horn			00	Hot Keys	0.5	00:04	
85	Boston Pizza	All Meat Wings	Here to make you happ	00	Commercial	0	00:30	
48	Bouy Bell			00	Hot Keys	0	00:28	
214	Bow Wow Wow	C30 C60 C90 Go	Living In Oblivion: The 8 A		Music	8.514	03:03	
201	Bryan Adams	Straight From The Heart	So Far So Good	A	Music	5.762	03:29	
20001	Bryan Adams	Straight From The Heart	So Far So Good	00	Music	0.5	03:29	
83	Car	Studebaker	jingle...the studebakers	00	Commercial	0.5	00:18	
74	Carly Rae Jepsen	Call Me Maybe	Curiosity	A	Music	4	03:11	Carly Rae J
10076	Casting Crowns	Lifesong		00	Automated	6	04:31	M.Hall
64	Chicago	Saturday In The Park	Chicago V	A	Music	25	03:51	Robert Larr
55	CHICKEN DANCE			00	Hot Keys	0	02:42	
59	Chris Rice	Untitled Hymn		A	Music	16.171	03:45	
31039	Chris Tomlin	Jesus Loves Me		00	Music	12.809	03:31	
10017	Chris Tomlin	Jesus Loves Me		00	Automated	12.809	03:31	
76	Christina Aguilera	Genie In A Bottle	Christina Aguilera	A	Music	5	03:38	Steve Kipn
211	Classix Nouveax	Guilty	Living In Oblivion: The 8 A		Music	30.29	03:13	
84	Coca Cola Jingle	1999	Jingle...always coca co	00	Commercial	0.5	00:59	
210	Combo Audio	Romanticide	Living In Oblivion: The 8 A		Music	14.789	03:10	
31040	Cory Asbury	Reckless Love		00	Music	3.014	03:56	
10019	Com & shun	Reckless Love		00	Automated	3.014	03:56	

You can click the Print Preview button  to see what it will look like if printed.

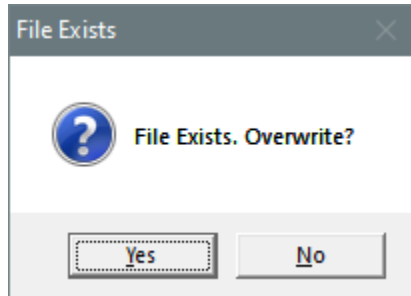
You can click the Print button  to print the report on actual paper.

If the report is blank you may need to check your criteria.

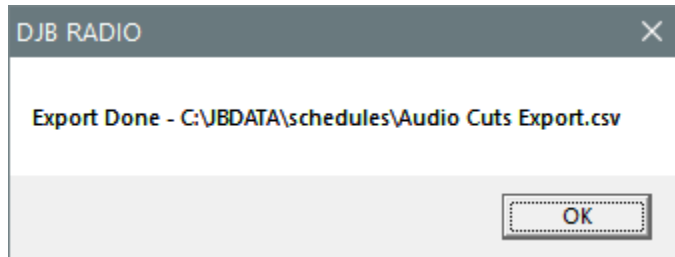
If you click Export Report it will create the file in your JBdata\Schedules\ folder.

 Audio Cuts Export.csv

If there is already a file there you will see the following warning:



Click yes to replace the existing file and you will see:



NOTE: The file is saved with a CSV (Comma Separated Values) extension, but due to the fact that there could be commas in the title and artist columns, the actual delimiter is a semicolon. When you import it into your favorite spreadsheet program at text make sure you identify the semicolon (;) as the delimiter.

Music Import Audit Report

Music Import Audit Report

This allows you to see the error reports from importing 3rd Party Music.

Click on the Music Import - MMDDYYYY file you wish to look at.

You can Click File, then Save As to save a copy.

You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.

You can click Print to bring up a Print Dialog.

Music Import - 04242019.txt



File Edit

Music Import - 04242019.txt
Music Import - 04252019.txt
Music Import - 04262019.txt

00 - Cut 9032 could not be found.
00 - Cut 8717 could not be found.
00 - Cut 8293 could not be found.
00 - Cut 9006 could not be found.
00 - Cut 8729 could not be found.
00 - Cut 9034 could not be found.
00 - Cut 8413 could not be found.
00 - Cut 199 could not be found.
00 - Cut 200 could not be found.
00 - Cut 9026 could not be found.
00 - Cut 8247 could not be found.
00 - Cut 9035 could not be found.
00 - Cut 8809 could not be found.
00 - Cut 8011 could not be found.
00 - Cut 9011 could not be found.
00 - Cut 8021 could not be found.
00 - Cut 8795 could not be found.
00 - Cut 9036 could not be found.
00 - Cut 8585 could not be found.
00 - Cut 9001 could not be found.
00 - Cut 8460 could not be found.
00 - Cut 8040 could not be found.
00 - Cut 199 could not be found.
00 - Cut 200 could not be found.
00 - Cut 9003 could not be found.
00 - Cut 8674 could not be found.
00 - Cut 8775 could not be found.
00 - Cut 9037 could not be found.
00 - Cut 8203 could not be found.
00 - Cut 8259 could not be found.
00 - Cut 9008 could not be found.
00 - Cut 8756 could not be found.
01 - Cut 9032 could not be found.
01 - Cut 8713 could not be found.
01 - Cut 8405 could not be found.

Print

Music Scheduler Error Report

Music Scheduler Error
Report

This report allows you to see the specific errors during the scheduling process.

Click on the Sched Errors - MMDDYYYY file you wish to look at.

You can Click File, then Save As to save a copy.

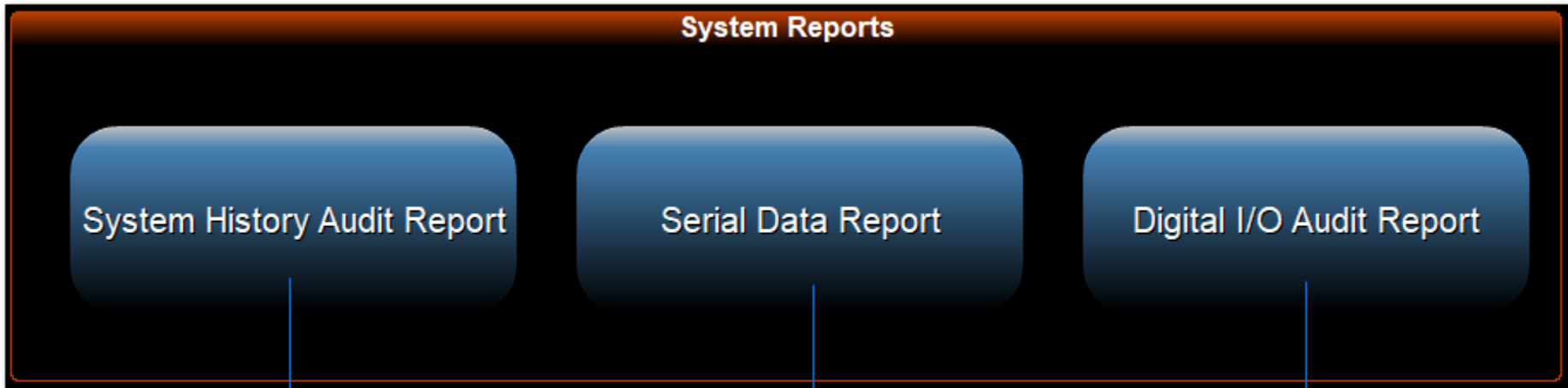
You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.

You can click Print to bring up a Print Dialog.

The screenshot shows a window titled "Sched Errors - 10112019.txt" with a menu bar containing "File" and "Edit". The main area displays a list of error messages, each starting with a number followed by " - Unscheduled Category D". The numbers range from 0 to 9, with each number appearing multiple times. A "Print" button is visible at the bottom left of the window.

File Name	Error Message
Sched Errors - 10102019.txt	0 - Unscheduled Category D
Sched Errors - 10112019.txt	0 - Unscheduled Category D
	0 - Unscheduled Category D
	1 - Unscheduled Category D
	1 - Unscheduled Category D
	1 - Unscheduled Category D
	1 - Unscheduled Category D
	2 - Unscheduled Category D
	2 - Unscheduled Category D
	2 - Unscheduled Category D
	3 - Unscheduled Category D
	3 - Unscheduled Category D
	3 - Unscheduled Category D
	3 - Unscheduled Category D
	4 - Unscheduled Category D
	4 - Unscheduled Category D
	4 - Unscheduled Category D
	5 - Unscheduled Category D
	5 - Unscheduled Category D
	5 - Unscheduled Category D
	5 - Unscheduled Category D
	6 - Unscheduled Category D
	6 - Unscheduled Category D
	6 - Unscheduled Category D
	7 - Unscheduled Category D
	7 - Unscheduled Category D
	7 - Unscheduled Category D
	7 - Unscheduled Category D
	8 - Unscheduled Category D
	8 - Unscheduled Category D
	8 - Unscheduled Category D
	9 - Unscheduled Category D
	9 - Unscheduled Category D
	9 - Unscheduled Category D
	9 - Unscheduled Category D

System Reports



1

System History Audit Report

2

Serial Data Report

3

Digital I/O Report

System History Audit Report

System History Audit Report

The History report allows you to review the History file for the day you choose.

This is mainly for Engineering and troubleshooting use. The History file shows everything that happened on the day in question.

Click on the History - MMDDYYYY file you wish to look at.

You can Click File, then Save As to save a copy. You can click Print to bring up a Print Dialog.

You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.

The screenshot shows a window titled "History - 04292019.txt" with a menu bar containing "File" and "Edit". The main area is divided into two panes. The left pane is a list of history files, with "History - 04292019.txt" selected. The right pane displays the contents of the selected file, showing a log of events with timestamps and descriptions. A "Print" button is visible at the bottom left of the window.

File Name	Timestamp	Event Description
History - 04012019.txt	04-29-2019 09:23:22	DJB Sports Start Up 14.1.8
History - 04022019.txt	04-29-2019 09:23:22	DJB Sports Loading Show
History - 04052019.txt	04-29-2019 09:23:55	DJB Sports Quitting
History - 04082019.txt	04-29-2019 10:18:43	Load Station Info [5216]
History - 04092019.txt	04-29-2019 10:18:43	System Initialize & Load Settings [5216]
History - 04102019.txt	04-29-2019 10:18:43	DJBRadio Startup 3.4.308 [5216]
History - 04112019.txt	04-29-2019 10:18:43	Checked Drive Mappings [5216]
History - 04122019.txt	04-29-2019 10:18:43	License Type -N -1 [5216]
History - 04152019.txt	04-29-2019 10:18:43	Load Schedule Settings [5216]
History - 04182019.txt	04-29-2019 10:18:43	Checking For Prvious State File [5216]
History - 04222019.txt	04-29-2019 10:18:43	Setup Machine Config [5216]
History - 04242019.txt	04-29-2019 10:18:43	System start apps [5216]
History - 04242019.txt	04-29-2019 10:18:43	Load Now Play [5216]
History - 04252019.txt	04-29-2019 10:18:43	Load Weather [5216]
History - 04262019.txt	04-29-2019 10:18:43	Open Database [5216]
History - 04292019.txt	04-29-2019 10:18:43	Checking for Backup Directory [5216]
History - 05012019.txt	04-29-2019 10:18:43	License Type -N -1 [5216]
History - 05032019.txt	04-29-2019 10:18:43	License Type -N -1 [5216]
History - 05072019.txt	04-29-2019 10:18:43	Loading Audio Database [5216]
History - 05132019.txt	04-29-2019 10:18:43	Starting OnAir [5216]
History - 05202019.txt	04-29-2019 10:18:45	Success Unlocking HTTP Component [5216]
History - 05222019.txt	04-29-2019 10:18:45	Create System Timers [5216]
History - 05232019.txt	04-29-2019 10:18:45	Setup Audio Cards [5216]
History - 05292019.txt	04-29-2019 10:18:45	Setup Up OnAir Processing [5216]
History - 06132019.txt	04-29-2019 10:18:45	Setup BGR [5216]
History - 06142019.txt	04-29-2019 10:18:45	Setup Schedule Display [5216]
History - 06242019.txt	04-29-2019 10:18:45	Mode Toggeled to Jock Assist [5216]
History - 06252019.txt	04-29-2019 10:18:45	Load HotKeys [5216]
History - 06262019.txt	04-29-2019 10:18:45	Load Weather [5216]
History - 08012019.txt	04-29-2019 10:18:45	Load Schedule [5216]
History - 08052019.txt	04-29-2019 10:18:45	Compact Schedule File [5216]
History - 08072019.txt	04-29-2019 10:18:45	Compact Schedule File Before - 606208 [5216]
History - 08122019.txt	04-29-2019 10:18:46	Compact Schedule File After - 606208 [5216]
	04-29-2019 10:18:46	Open Schedule File [5216]
	04-29-2019 10:18:46	Closing Schedule File [5216]

Serial Data Report

Serial Data Report

The Serial Data report allows you to review the Serial file for the day you choose. This is mainly for Engineering and troubleshooting use. The Serial file shows every input and output sent or received on the serial port.

Click on the Serial - MMDDYYYY file you wish to look at. You can Click File, then Save As to save a copy. You can click Print to bring up a Print Dialog. You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.

```
Serial - 08052019.txt
File Edit

Serial - 08052019.txt
Serial - 08222019.txt
Serial - 10022019.txt

08-05-2019 12:56:24 *1MA [7660]
08-05-2019 12:56:30 *1011 [7660]
08-05-2019 12:57:00 *1MA
08-05-2019 12:57:00 *1MA
08-05-2019 12:57:08 *1011
08-05-2019 12:57:08 *1011
08-05-2019 12:57:26 *1011*1MA*1011*1MA
08-05-2019 12:57:26 *1011*1MA*1011*1MA
08-05-2019 12:57:43 *1011*1011*1011
08-05-2019 12:57:43 *1011*1011*1011
08-05-2019 12:57:54 *1MA*1MA
08-05-2019 12:57:54 *1MA*1MA
08-05-2019 12:59:28 *1MA [5988]
08-05-2019 12:59:48 *1011 [5988]
08-05-2019 12:59:59 *1MA [5988]
08-05-2019 13:00:08 *1011 [5988]
08-05-2019 13:00:12 *1MA [5988]
08-05-2019 13:00:29 *1011 [5988]
08-05-2019 13:00:42 *1MA [5988]
08-05-2019 13:00:55 *1011 [5988]
08-05-2019 13:01:11 *1MA [5988]
08-05-2019 13:02:02 *1011 [5988]
08-05-2019 13:02:04 *1MA [5988]
08-05-2019 13:02:56 *1011 [16516]
08-05-2019 13:02:59 *1MA*1MA*1MA [16516]
08-05-2019 13:03:05 *1011 [16516]
08-05-2019 13:03:12 *1MA*1MA*1MA [16516]

Print
```

Digital I/O Audit Report

The Digital I/O (Input/Output) report allows you to review the Digital IO file for the day you choose.

This is mainly for Engineering and troubleshooting use.

The Digital IO file shows every relay input and output that the On Air processed on the day in question.

Click on the Digital IO - MMDDYYYY file you wish to look at.

You can Click File, then Save As to save a copy. You can click Print to bring up a Print Dialog.

You can click Edit, then Select All, then Copy to copy the text to the clipboard for pasting elsewhere.

Digital IO - 10022019.txt

File Edit

Digital IO - 10022019.txt

```

10-02-2019 14:51:22 BroadcastTool Command In 0000000000000001 [15216]
10-02-2019 14:51:22 Input Triggered 1 ON [15216]
10-02-2019 14:51:22 Checking sat grid for day - 4 [15216]
10-02-2019 14:51:22 Using Sat Grid Show - 0 [15216]
10-02-2019 14:51:22 Play the next event [15216]
10-02-2019 14:51:22 Input Triggered 1 OFF [15216]
10-02-2019 14:51:23 BroadcastTool Command In 0000000000000000 [15216]
10-02-2019 14:51:26 BroadcastTool Command In 0000000000000010 [15216]
10-02-2019 14:51:26 Input Triggered 2 ON [15216]
10-02-2019 14:51:26 Checking sat grid for day - 4 [15216]
10-02-2019 14:51:26 Using Sat Grid Show - 0 [15216]
10-02-2019 14:51:26 Input 2 triggered () [15216]
10-02-2019 14:51:26 Input Triggered 2 OFF [15216]
10-02-2019 14:51:27 BroadcastTool Command In 0000000000000000 [15216]
10-02-2019 14:51:29 BroadcastTool Command In 0000000000000100 [15216]
10-02-2019 14:51:29 Input Triggered 3 ON [15216]
10-02-2019 14:51:29 Checking sat grid for day - 4 [15216]
10-02-2019 14:51:29 Using Sat Grid Show - 0 [15216]
10-02-2019 14:51:29 Input 3 triggered () [15216]
10-02-2019 14:51:29 Input Triggered 3 OFF [15216]
10-02-2019 14:51:31 BroadcastTool Command In 0000000000000000 [15216]
10-02-2019 14:51:34 BroadcastTool Command In 0000000000001000 [15216]
10-02-2019 14:51:34 Input Triggered 4 ON [15216]
10-02-2019 14:51:34 Checking sat grid for day - 4 [15216]
10-02-2019 14:51:34 Using Sat Grid Show - 0 [15216]
10-02-2019 14:51:34 Input 4 triggered () [15216]
10-02-2019 14:51:34 Input Triggered 4 OFF [15216]
10-02-2019 14:51:35 BroadcastTool Command In 0000000000000000 [15216]
10-02-2019 14:51:49 BroadcastTool Command In 0000000001000000 [15216]
10-02-2019 14:51:49 Input Triggered 7 ON [15216]
10-02-2019 14:51:49 Checking sat grid for day - 4 [15216]
10-02-2019 14:51:49 Using Sat Grid Show - 0 [15216]
10-02-2019 14:51:49 Input 7 triggered () [15216]
10-02-2019 14:51:49 Input Triggered 7 OFF [15216]
10-02-2019 14:51:50 BroadcastTool Command In 0000000000000000 [15216]

```

Print



This concludes our overview of the DJB Radio Production software.
For more information, or if we've missed anything, please contact support@DJBRadio.com.
The next section of this manual covers the DJB Radio OnAir playout software.

DJB Radio On Air

Automation Mode - Jock Assist Mode - Hot Keys

A green square icon with a white outline of a circle and the word "AIR" in white, sans-serif font.	<p>[GREEN] ON AIR ICON [Automation Mode - Jock Assist Mode] [Hot Keys - Audition - Weather] [Audio and Event Library] [Razor Blade Editor]</p>
--	---

Launch The DJB Radio On Air by clicking on the **[GREEN] ON AIR ICON**

The screenshot displays the DJB Radio On-Air interface with the following elements:

- Top Bar:** Shows 'Current Time' (3:01:49 PM), 'Automation Mode', 'Intro' (13), 'Hour Content Countdown Timer' (63:18), 'OnAir Item Countdown Timer' (03:24), 'Current Temp' (72°), and 'Feels Like' (72°, High 75°, Low 44°).
- Audio/Station Info:** 'Audio Database - Connected', 'Station Database - Connected', '1 - Schedule Loaded : Saturday April 27, 2019', and 'Schedule Load Time : 1.563'.
- Current Song:** Maroon 5 - 'Makes Me Wonder (2007)'. It won't be soon before long. Includes 'Play Next (Segue)', 'CUT: 00072', 'INTRO : 17', 'Music (A) 03:28', and 'Stop Log Audio'.
- Coming Up Next:** Mike Carta - '93.7 DJB'. Includes 'CUT: 00006', 'INTRO : 01', 'Liner (00) 00:06 (Fade)', and 'www.supersweepers.com'.
- Hot Keys:** A grid of buttons for various audio effects like 'Hand Clap Stomp', 'It's Friday', 'It's the Long Weekend', 'Mexican Hat Dance', 'Reveille', 'Drum Roll', 'Rim Shot', 'Short Buzzer', 'Bouy Bell', 'Thunder Clap', etc.
- Playlist Table:**

Time	Type	Artist	Track	Start	End	Action
14:63:03	Command	9999	Hourly time Update - Last Event in hour			SKIPPED
15:00:00	Music	Mike Carta	Hi This is Mike Carta (0)	:00	00:09 (Fade)	DONE
15:00:09	Music (A)	Maroon 5	Makes Me Wonder (2007) It Won't Be Soon Before Long	:17	03:28 (Fade)	ON-AIR
15:03:37	Liner	Mike Carta	93.7 DJB www.supersweepers.com	:01	00:06 (Fade)	DELETE
15:03:44	Music (A)	Steve Winwood	Higher Love (1990) Back In The High Life	:10	03:59 (Fade)	DELETE
15:07:43	Voicer	Mike Carta	Fleetwood Mac Intro	:01	00:01 (Fade)	DELETE
15:07:44	Music (A)	Fleetwood Mac	Little Lies (1987) Tango in the Night	:17	03:25 (Fade)	DELETE
15:11:10	Liner	Mike Carta	Smiles Worldwide www.supersweepers.com	:01	00:10 (Fade)	DELETE
15:11:20	Commercial	Nestles Crunch	Radio Spot (1980)	:01	00:30 (Fade)	DELETE
- Bottom Bar:** Includes 'Go To On Air Item', 'Go To Hour', 'Disable Screen Follow', 'Cue To Be Next', 'Audio & Event Library', 'Cut', 'Copy', 'Paste', 'Delete Item', 'Insert Jock Break', 'Razor Blade Editor', 'Hot Keys', 'Audition', 'Weather', and 'System Menu'.

The On Air Screen

This section will take you through all of the functions of the DJB Radio On Air Interface

Jock Assist Mode/Automation Mode Button

Hour Content Countdown Timer

On Air Countdown Timer

Intro Timer

Stop Log Audio!

On Air Countdown Gauge

The screenshot shows the DJBRadio On-Air - WDAV interface. At the top, it displays the current time (9:18:44 AM), date (Thursday - October - 24), and a large digital clock (16:58:51). To the right, there's a weather widget showing 43° and a gauge for 'On Air Countdown Timer' at 02:34. The main area is divided into sections: 'On Air Item' (Fun Boy Three & Bananarama), 'Next To Air Item' (Dire Straights), and a 'Schedule Area' with a list of upcoming items. A 'Hot Keys Area' is on the right with various control buttons. At the bottom, there's a 'Go To On Air Item' section with buttons for navigation and control.

1 Clock Area

2 Database Status

3 Schedule Info Area

4 Segue Button

5 On Air Item

6 On Air Item Progress Indicator

7 Next To Air Item

8 Schedule Area

9 Past Schedule

10 Currently Loaded Schedule

11 Upcoming Schedule

12 Go To On Air Item

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Go To Hour

Disable/Enable Screen Follow

Schedule Update Area

Cue To Be Next

Audio & Event Library

Cut

Copy

Paste

Delete Item

Insert Jock Break

Razor Blade Editor

Hot Keys

Audition

Weather

System Menu

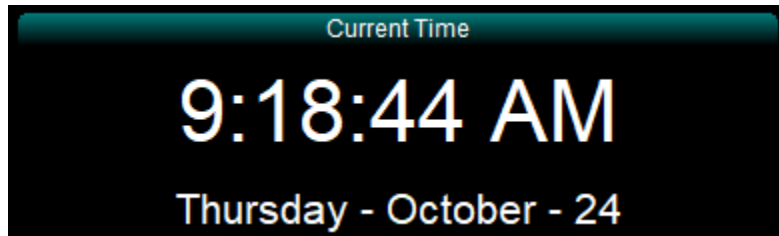
29 Current Weather Info

30 Player Status

34 Hot Keys Area

1

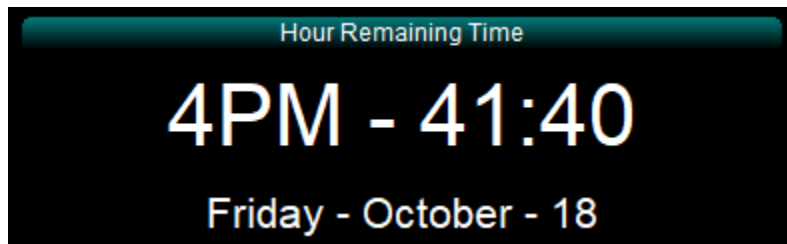
Clock Area



This area shows the date and time.

If you click on the time, the display changes from a clock to a "time remaining in hour" display.

Click again to return to a classic clock.



2

Database Status



These indicators should say connected while operating the software.

3

Schedule Info Area



This area shows the currently loaded schedule and how long (in seconds) it took to load.

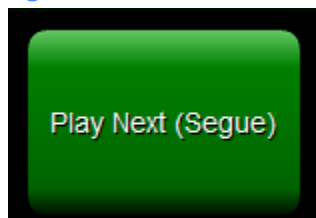
You can use this as a quick check to make sure the schedule is today's schedule.

If no schedule file was ready at midnight, DJB Radio would have reloaded yesterday's log for a second day.

Also as a side note, the color of this bar changes to match the deck that is currently playing (See [Deck Status](#) below).

4

Segue Button



If DJB Radio is playing, this button fades the currently playing item and starts the next.
If it is not playing already this plays the next event but does not put it into Automation Mode.

5

On Air Item

Fun Boy Three & Bananarama	CUT: 00227	INTRO : 22
It Aint What You Do (Its The Way That You Do It)	Music (A)	02:40
Living In Oblivion - The 80's Greatest Hits - Volume		

This left side of this area shows the artist, title, and album.
The middle shows the cut number and audio type (Category).
The bottom right shows the On Air Item Progress Indicator.
This right side of this area shows the intro time and length.

6

On Air Item Progress Indicator



This gauge also moves across as the item plays. It starts out green....



...changes to orange...



...and finally before the cut ends it turns red. This is a great visual cue for the on air staff.

There is also a seldom used feature; you can click on the white bar and drag it to move the current file to a different place in the song. Not very useful for On Air, but useful for testing purposes for the engineers.

7

Next To Air Item

Coming Up Next...		
Dire Straights	CUT: 90036	INTRO : 01
Money For Nothing (1985)	Music (A)	04:00 (Fade)
Brothers in Arms		

This area shows the same info as the On Air item but has no progress indicator.

Schedule Area

08:60:49	Command Cmnd: 9999	9999 Hourly time Update - Last Event in hour			SKIPPED
09:00:00	Legal ID Cut: 1	Mike Carta 93.7 DJB Legal ID www.supersweepers.com	:01	00:09 (Fade)	DONE
09:00:09	Music (A) Cut: 227	Fun Boy Three & Bananarama It Aint What You Do (Its The Way That You Do It) (1993) Living In Oblivion - The 80's Greatest Hits - Volume 2	:22	02:40 (Fade)	ON-AIR
09:03:00	Music (A) Cut: 90036	Dire Straights Money For Nothing (1985) Brothers in Arms	:01	04:00 (Fade)	DELETE
09:07:00	Voicer Cut: 31	Mike Carta Fleetwood Mac Intro	:01	00:01 (Fade)	DELETE
09:07:01	Music (A) Cut: 70	Fleetwood Mac Little Lies (1987) Tango in the Night	:17	03:25 (Fade)	DELETE
09:10:27	Liner Cut: 7	Mike Carta You're Listening to the Digital Jukebox www.supersweepers.com	:01	00:09 (Fade)	DELETE
09:10:37	Commercial Cut: 90	TV Commercials Slinky (It's Slinky) Jingle...They're fun for girls and boys	:01	00:53 (Fade)	DELETE
09:11:30	Command Cmnd: 9990	9990 Announce The Time			DELETE

This area show the active schedule (log).

The button on the left shows the calculated time the item will air. It also doubles as a start button allowing you to start an item that is not next to air. It also shows the color of the deck (blue, purple, or green) which corresponds to the number of the deck. If you have a multi-channel sound card with different decks on different pots, this helps you determine which pot is playing. It also becomes a gauge of the On Air item's progress gradually filling up with red until it changes to the next cut.

The second field has the Audio Type, (Category), and cut number. This is also the area you need to click if you wish to drag an item in the current schedule. When your mouse is over the area it turns to a lighter shade of gray indicating dragability.

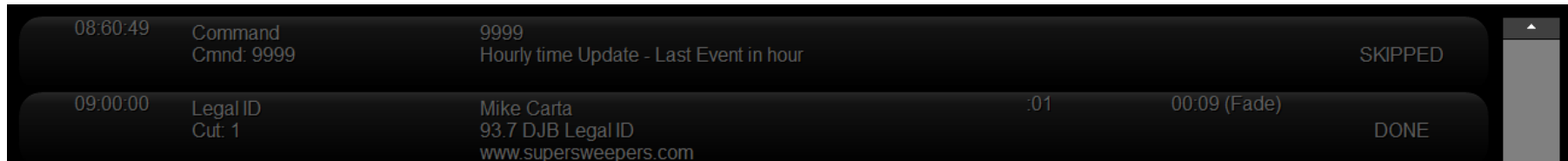
The 3rd field contains the Artist, Title, Album, Intro, Duration, and Ending (Fade/Cold). You should know that the Duration value reflects the duration up to the Segue mark. This allows you to know how much time you have before the next item triggers.

The button on the right says ON-AIR for the currently playing item. For past items, the button will say DONE if the item played and SKIPPED if the item was skipped. For future items the button will say DELETE allowing you to quickly delete unwanted items. You can delete loaded items, but not the item currently playing.

Schedule Area Continued

The last item in this area is the gray scroll bar. You can click the up and down arrows to move one line at a time. You can click the dark gray slider and drag it up and down to move rapidly. You can click above or below the dark gray slider to move a page at a time up or down. Finally, if your mouse is over the scroll bar area, you can use the wheel on your mouse to scroll the schedule.

9 Past Schedule



08:60:49	Command Cmnd: 9999	9999 Hourly time Update - Last Event in hour			SKIPPED
09:00:00	Legal ID Cut: 1	Mike Carta 93.7 D.JB Legal ID www.supersweepers.com	:01	00:09 (Fade)	DONE


Grayed out items are in the past.

On the far right the button will change to DONE if the item played or SKIPPED if it didn't.

You can still click in the audio type field and drag past items into the schedule if you need to.

You can also scroll back into the past, click an item, and click Cue To Be Next to effectively go back in time.

10 Currently Loaded Schedule



09:00:09	Music (A) Cut: 227	Fun Boy Three & Bananarama It Aint What You Do (Its The Way That You Do It) (1993) Living In Oblivion - The 80's Greatest Hits - Volume 2	:22	02:40 (Fade)	ON-AIR
09:03:00	Music (A) Cut: 90036	Dire Straights Money For Nothing (1985) Brothers in Arms	:01	04:00 (Fade)	DELETE
09:07:00	Voicer Cut: 31	Mike Carta Fleetwood Mac Intro	:01	00:01 (Fade)	DELETE

The 3 playback decks are color coded:

Blue: Player 1

Green: Player 2

Purple: Player 3

This is very useful if you are running multiple pots on the console.

The currently playing item says ON-AIR in the button at the far right.

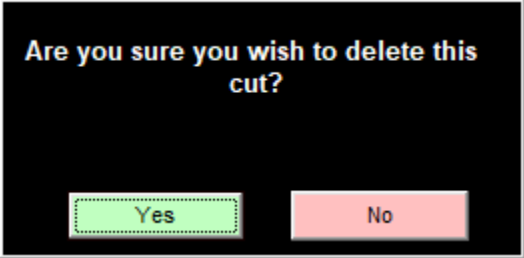
And the start button of the playing item will gradually fill with red.

11

Upcoming Schedule

09:07:01	Music (A) Cut: 70	Fleetwood Mac Little Lies (1987) Tango in the Night	:17	03:25 (Fade)	DELETE
09:10:27	Liner Cut: 7	Mike Carta You're Listening to the Digital Jukebox www.supersweepers.com	:01	00:09 (Fade)	DELETE
09:10:37	Commercial Cut: 90	TV Commercials Slinky (It's Slinky) Jingle...They're fun for girls and boys	:01	00:53 (Fade)	DELETE
09:11:30	Command Cmnd: 9990	9990 Announce The Time			DELETE

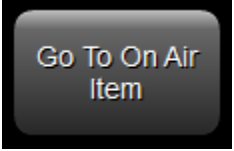
Future events show their approximate time to air and if you click that button they will play immediately. You can click in the audio type field and drag items around the schedule if you want to. The delete button will remove that item from the schedule after answering this prompt:



You can also select an item and click the Cue To Be Next button to advance the schedule to that position. That feature is useful if you need to jump ahead to catch up.

12

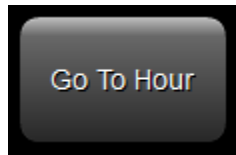
Go To On Air Item



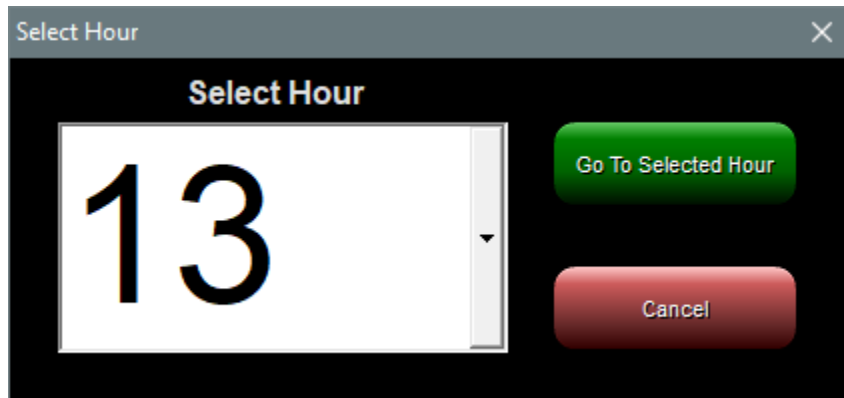
This button causes the schedule window to take you to the currently playing item.

13

Go To Hour

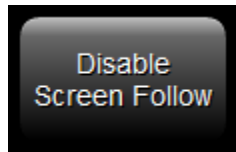


This allows you to look at a different hour by number (0-23).



14

Disable/Enable Screen Follow



If you intend to look ahead or into the past, this button will prevent the schedule window from jumping to the current item every time it changes.

Schedule Update Area

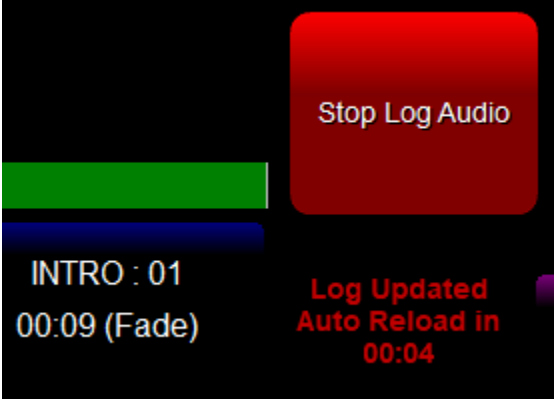
While a Log Editor or Voice Tracker is attached in "After Exit" mode an indicator will appear notifying the On Air user. Any changes made in the studio will be replaced when the Log Editor or Voice Tracker disconnects.



After each edit (or after exiting either editor) a button will appear at the bottom of the On Air screen "Log Updated Press to Reload":



Also under the Stop Log Audio button there is a countdown timer (the delay is set in the On Air settings).

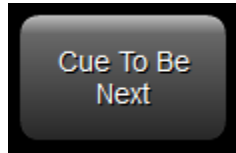


Otherwise this area will remain mysteriously blank....



16

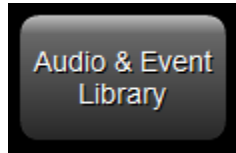
Cue To Be Next



By selecting a line in the schedule, either future or past and pressing this button, the schedule will jump to that point in time.

17

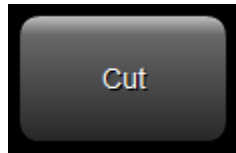
Audio & Event Library



This brings up the Audio and Event Library which is covered in detail [HERE](#).

18

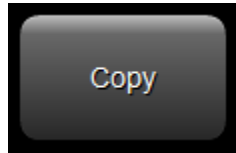
Cut



After clicking to select an item from the schedule, the cut button will remove the item and place it in the memory buffer for pasting. Only one item may be in the buffer at once, so if you cut or copy twice the first item is lost.

19

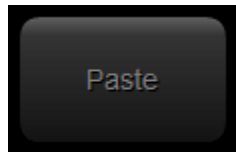
Copy



After clicking to select an item from the schedule, the copy button will place it in the memory buffer for pasting. Only one item may be in the buffer at once, so if you copy or cut twice the first item is lost.

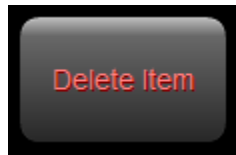
20

Paste

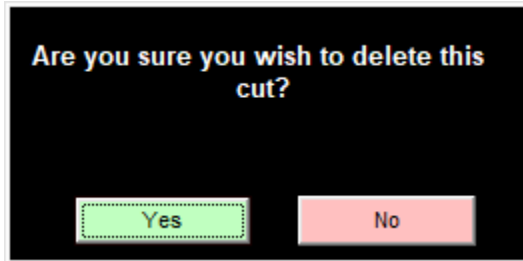


The Paste button is grayed out as seen above until something has been Cut or Copied. Click on the item in the schedule and click Paste to paste the item above the selected item. You can paste multiple times to place the same cut multiple times.

21 Delete Item

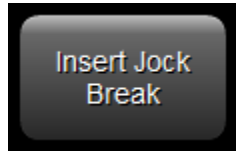


As you might expect, Delete Item will delete the selected schedule item after this warning:



Selecting Yes will delete the item, selecting No will close the window and leave the item in place.

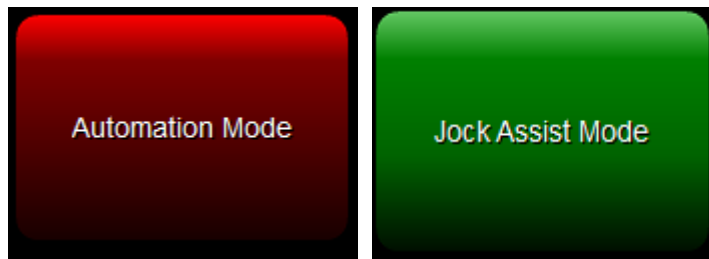
22 Insert Jock Break



This button inserts a command 9996 Jock Assist Jock Break which will stop the schedule and allow manual control in the studio.



23 Jock Assist Mode/Automation Mode Button



This Button will Toggle the system between Automation Mode and Jock Assist Mode

In Automation Mode the system will continue to play audio until stopped by a command or a user button press.

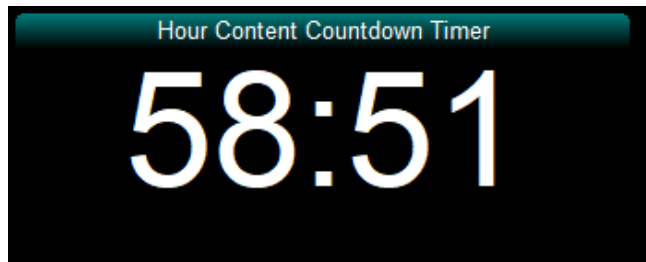
In Jock Assist Mode the user must start all events manually using the play next button or the individual start buttons on the left of each schedule item.

24 **Intro Timer**



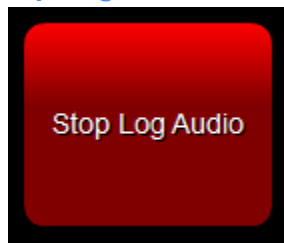
When a cut begins, this timer counts down from the beginning of the audio to the point marked as Intro in the Production software. Basically this is how long you have to pontificate over the music before you walk on the vocals.

25 **Hour Content Countdown Timer**



This countdown timer shows the amount of audio left in the current hour.

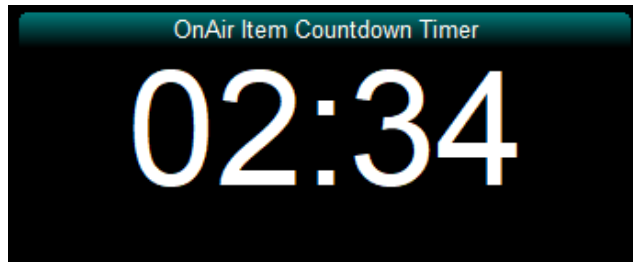
26 **Stop Log Audio!**



This big red button will kill the playing cut and place the system in Jock Assist Mode.

27

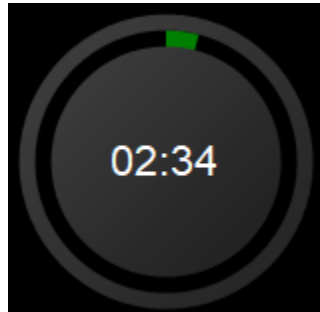
On Air Countdown Timer



This timer counts down to the Segue point on the currently playing cut.

28

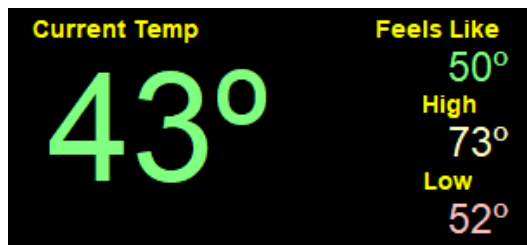
On Air Countdown Gauge



Like the On Air Item Countdown Timer, this gauge counts down to the Segue point on the currently playing cut. This gauge also gives a visual cue as the timer counts down, the gauge fills up. The color of the gauge changes from green to red as the Segue point approaches.

29

Current Weather Info



This shows the current weather information.
The DJB Weather updater checks every 60 minutes for new weather.

30

Player Status



This is a visual representation of the 3 players available to the DJB Radio On Air software. The colors match the currently loaded schedule items and as each item plays you can see the levels here.

31

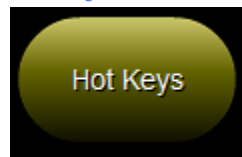
Razor Blade Editor



This opens the Razor Blade Editor which you can use to quickly trim cuts. You can also record quick audio files. They will be saved in C:\DJBRADIOAIR\RBrec\ For details about the Razor Blade Editor look [HERE](#).

32

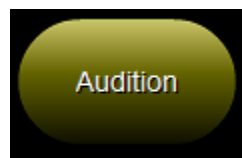
Hot Keys



This button causes the Hot Keys to be visible on the main screen.

33

Audition



This button causes the Audition page to be visible on the main screen. For details about the Audition Page look [HERE](#).

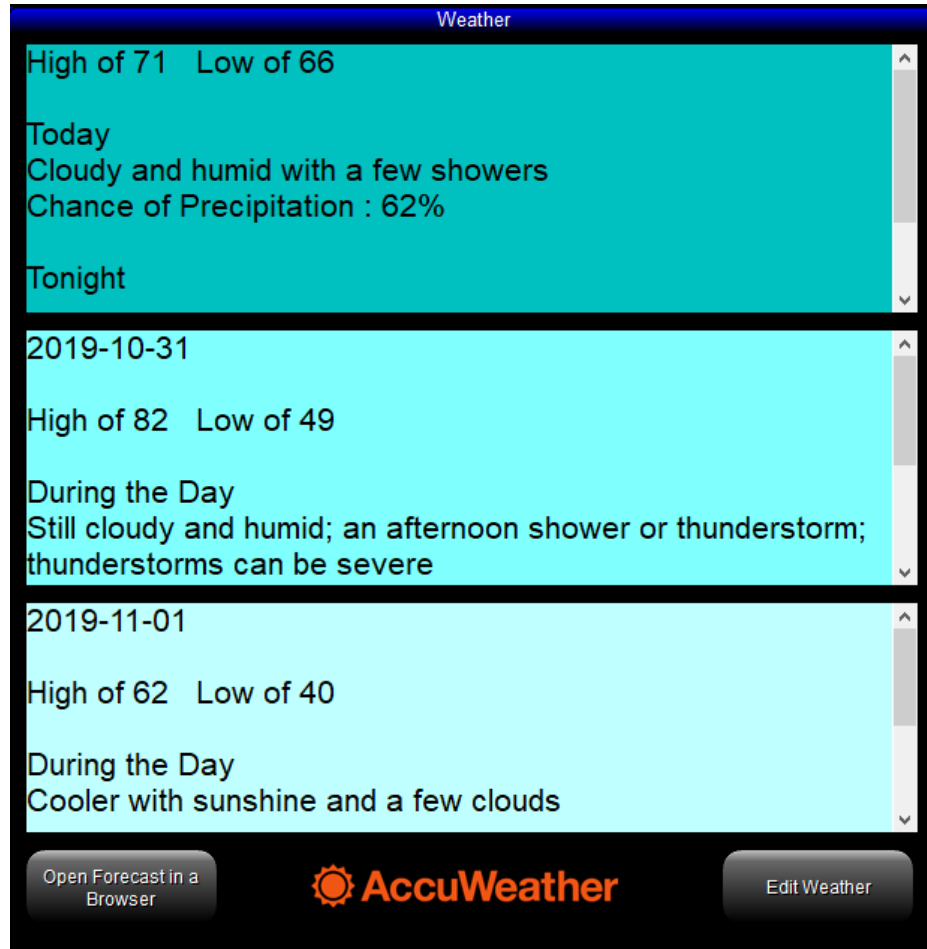
Hot Keys Area



Each Hot Key page has 20 assignable buttons. To Play a Hot Key simply click the button. When the audio is playing the button will turn red. If you wish to stop the button simply press the button again. You can play up to 4 Hot Keys at the same time. On Air settings has a Hot Keys entry in the sound card setup so you can choose where the Hot Keys play. For more on Hot Keys and how to configure them, look in the Production software [HERE](#).



This button causes the Weather page to be visible on the main screen.



The screenshot displays the AccuWeather mobile app interface. At the top, the word "Weather" is centered. Below it, the forecast for "Today" is shown: "High of 71 Low of 66", "Cloudy and humid with a few showers", and "Chance of Precipitation : 62%". The "Tonight" section is partially visible. The forecast for "2019-10-31" shows a "High of 82 Low of 49" and "During the Day" conditions: "Still cloudy and humid; an afternoon shower or thunderstorm; thunderstorms can be severe". The forecast for "2019-11-01" shows a "High of 62 Low of 40" and "During the Day" conditions: "Cooler with sunshine and a few clouds". At the bottom, there are three buttons: "Open Forecast in a Browser", the AccuWeather logo, and "Edit Weather".

Clicking Open Forecast in a Browser causes your PC to open your default browser and Head over to Accuweather.com

Weather Continued

Clicking Edit Weather brings up the window below allowing manual editing of the weather text displayed on the On Air screen when the Weather button is clicked. That info will be overwritten when the DJB Weather Updater grabs the latest temperatures every 60 minutes.

Temperature
64

High of 71 Low of 66

Today
Cloudy and humid with a few showers
Chance of Precipitation : 62%

Tonight

2019-10-31

High of 82 Low of 49

During the Day
Still cloudy and humid; an afternoon shower or

2019-11-01

High of 62 Low of 40

During the Day

Save and Exit Cancel

36

System Menu



This button causes the System Menu page to be visible on the main screen. We will cover the many functions of the [System Menu HERE](#)

System Menu



1

Info Area

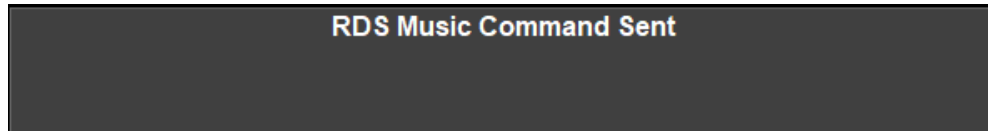
Watcher Disabled Last Edit Time Last Exact Time Sync : None	Watcher Enabled Last Log Update Loaded : 10/31/2019 12:49:34 PM Last Exact Time Sync : 13:00:00
---	---

This area shows several things:

1. The Watcher is enabled in Automation Mode. If a bad cut hangs up the schedule, Watcher will click the Play Next button to ensure the station doesn't stop.
2. Last Edit Time shows the date and time of the last schedule update caused by and edit function in Production Log Editor or Voice Tracking.
3. Last Exact Sync Time shows when an exact time item in the log caused the schedule to advance.

2

System Messages



This area will show various system messages including Digital I/O like RDS outputs and Relay Inputs.

3

Player Volume Area

Player 1 Volume : 100
 Player 2 Volume : 100
 Player 3 Volume : 100

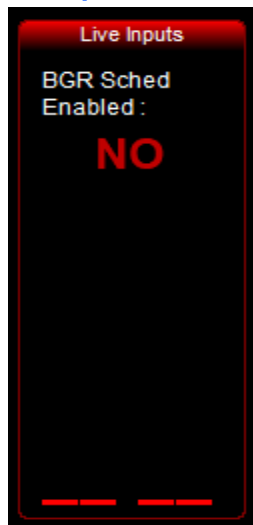
Reset Player Volumes

It is possible to reduce player volumes using command cuts.

If the players are set to anything less that 100%, clicking the Reset Player Volumes button will return them to 100%

4

Live Inputs



This area shows the audio levels of the REC and BGR inputs.

If a BGR event is recording, the red NO will change to YES.

Playback Processing

Show Playback Processing

This opens a software compressor that can be applied to the players' outputs.

Here is a simple rundown:

Gain: Increase or decrease volume with the compressor

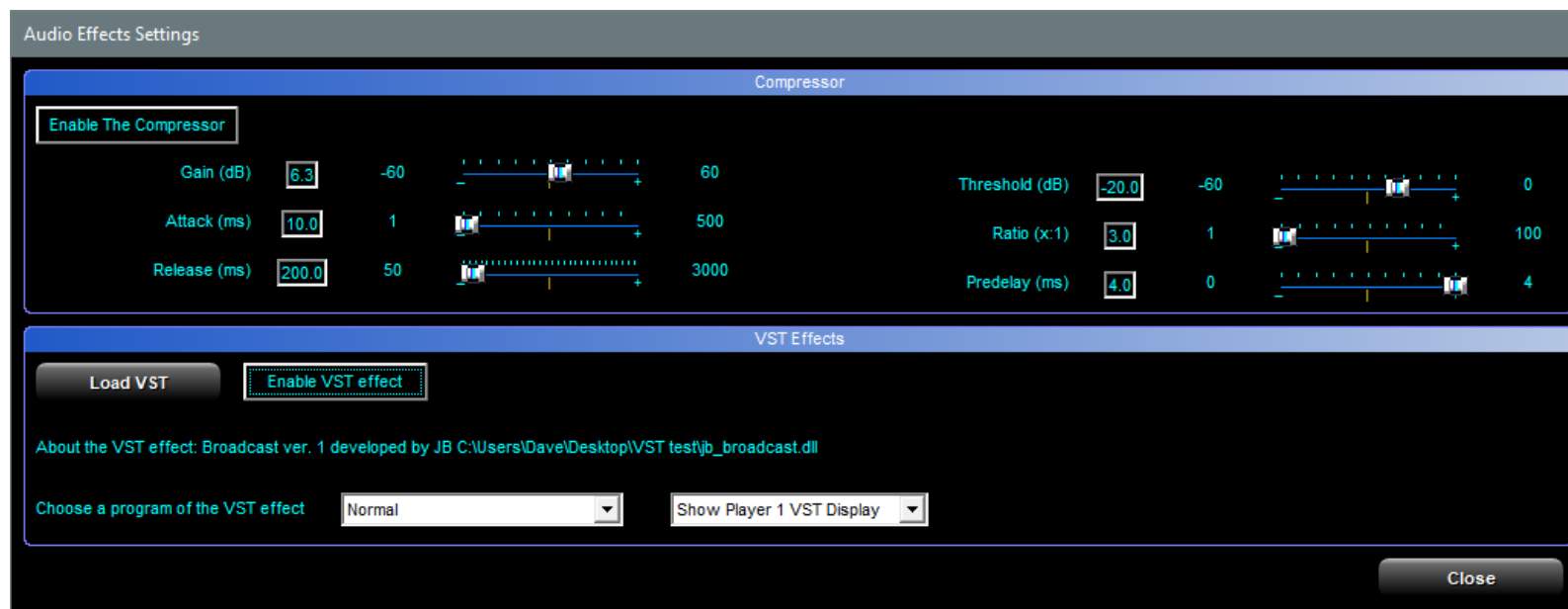
Attack: How quickly does the compressor react to changes in volume when the threshold is exceeded

Release: How long does the compressor take to return after adjusting volume when back below the threshold

Threshold: The level at which the compressor will begin to compress the audio

Ratio: 3.0 means for every 3dB the audio exceed the threshold, the compressor allows 1dB to pass

Predelay: The amount of time after the Threshold is reached before the attack phase is started.



There is also a VST (Virtual Studio Technology) Effects section.

If you load a compatible VST plug-in DLL file you can apply the effects to all output channels.

Note: VST files are supplied and maintained by their creator and not supported by DJB Support.

Use at your own risk.

6

Software Version and License Status

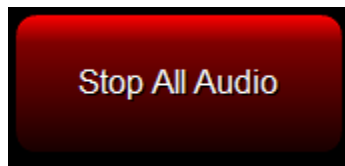
DJBRadio Version 3.5.52

Software Activated (63780559)

This area will show the software version you are running in case Tech Support asks. Also shown is the status of your license and the License ID of the software.

7

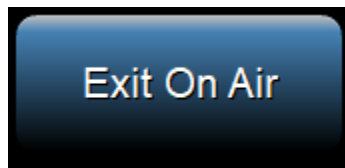
Stop Button



Like the emergency stop at the gas station, if you push the big, red button all audio stops and the system is placed in Jock Assist Mode.

8

Exit Button



This button will be grayed out if audio is playing to prevent accidental closure. If you stop the audio and then click Exit On Air, the program will close.

9

Sync Info

9999 Syncs	
Hour	Enabled
00	Yes
01	Yes
02	Yes
03	Yes
04	Yes
05	Yes
06	Yes
07	Yes
08	Yes
09	Yes
10	Yes
11	Yes
12	Yes
13	Yes
14	Yes
15	Yes

This box shows which hours in the log have a command 9999 Sync to remove any excess audio past the Sync time. Sync time can be changed in On Air settings, but defaults to 58:30 after the hour.

10

Pack DB Button

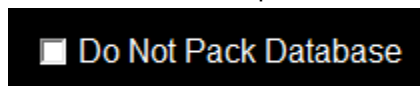


Clicking this button will initiate a database pack.

The Production must be closed and only one On Air connected to the database.

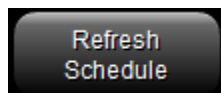
This is identical to the automatic pack performed at midnight each night (if Production is not left open).

Also if there are multiple On Airs only one should not have this checkbox checked in the program settings.



11

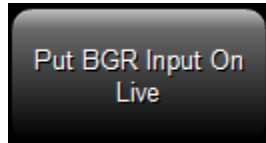
Refresh Schedule Button



If you have changed the database information for cuts in the schedule this button will allow the user to refresh and update that information in the schedule.

12

Put BGR Input On Live



This button allows you to put your Back Ground Record (BGR) audio source directly on the air. If you record a news feed periodically and a breaking news event is happening you might use this button to air the news feed.

13

Put REC Input On Live



This button allows you to put your Record (REC) audio source directly on the air.

14

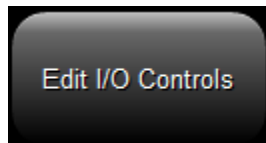
Closure Inputs Status



This button shows whether inputs are able to be received by the software. If it says "Inputs Are OFF" no satellite or other Digital I/O inputs will be registered or acted upon. Basically it prevents others from pushing you buttons. Command cuts 9801 (ON) and 9800 (OFF) can change this setting from the schedule.

15

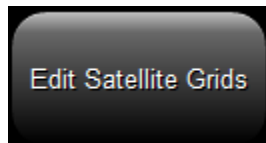
Edit I/O Controls



Allows you to change the I/O Control grids. It is explained in the Production suite [HERE](#).

16

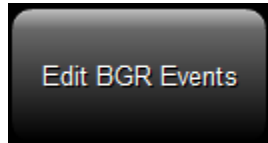
Edit Satellite Grids



Allows you to edit the Satellite grids. It is explained in the Production suite [HERE](#).

17

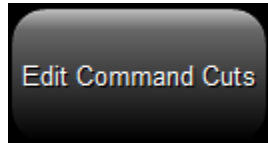
Edit BGR Events



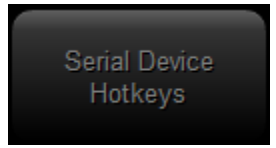
Edit Back Ground Recording Events (BGR) is covered in detail [HERE](#)

18

Edit Command Cuts



You can edit command cuts in On Air or Production. Click [HERE](#) for details.



This window gives you access to a window to send manual serial commands to your serial device that you have hooked up. Generally that serial Device is a Broadcast Tools Switcher. If I click Send Command 1 below the switcher would receive *1MA or Unit #1 Mute All.

Output Relays

Broadcast Tools Command Switches

	Description	Commands seperated by a "/" IE: *1014/*1026
Send Command 1	Mute ALL	*1MA
Send Command 2		
Send Command 3		
Send Command 4		
Send Command 5		
Send Command 6		
Send Command 7		
Send Command 8		
Send Command 9		
Send Command 10		
Send Command 11		
Send Command 12		
Send Command 13		
Send Command 14		
Send Command 15		
Send Command 16		

Close

Background Record Events

Recording Enabled Recording Enabled

Add Record Event Add Command Event Edit Event Delete Event

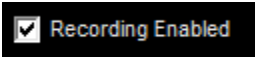
Record Device : Microphone (High Definition Audio Device)

Record Device : Master Volume

Time	Days	Event Name	Seconds
151800	NNNYNNN	- DJB_99039.mp3	300
161407	NYNNNNNN	- *BTSS*1MA	
161507	NYNNNNNN	- *BTSS*1011/*BTSS*1021/*BTSS*1031/*BTSS*1041	

DJB Radio can record audio based on a schedule

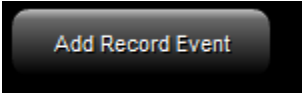
1 Recording Enabled



You can only enable and disable the BGR feature here.
 You can also create and edit BGR Events in the Production suite [HERE](#).

2

Add Record Event Button



Click this to begin creating a new audio recording event.
On the box that pops up, you select the exact time (HHMMSS) and check the boxes for the days of the week you wish the event to record.
Enter a description for the BGR Event.
Enter the file name in the form DJB_xxxxx.mp3 (if recording is set to MP3).

****NOTE** BGR can only overwrite existing cuts in the database.**
If the database entry doesn't already exist, BGR will still record the cut into your JBMusic folder.
It will not show in the Audio & Event Library or on the Production screen.

Enter the recording duration in seconds.

A dark-themed dialog box titled "Background Record" with a close button (x) in the top right corner. It contains several input fields and checkboxes. At the top, there are three dropdown menus for "Hour", "Minute", and "Seconds", each showing "00". Below these are three text input fields: "Description", "Filename with the Extension .mp3", and "Record Duration in Seconds". To the right of these fields is a vertical list of days of the week with checkboxes: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday. Below the filename field is a label "Record these Triggers. Seperate with a comma" followed by a text input field. At the bottom, there are three dropdown menus: "Start Recording on Trigger #", "Stop Recording on Trigger #", and "When Playing Back this program,use the input/output controls number?". At the very bottom are two buttons: "Done" and "Cancel".

Add Record Event Continued

The next 4 sections only pertain to Input triggers.

If triggers are firing during the recording and you wish them to be fired when the BGR cut plays back, then you put the trigger number(s) in the "Record these Triggers" box.

So if you want triggers 3 and 4 to be recorded and played back, put "3,4" in the box (without the quotes).

The next 2 boxes allow you to receive a trigger to start and stop the BGR.

Example: you have a 1 minute recording that will start recording when input 4 is triggered and stop when input 5 is triggered.

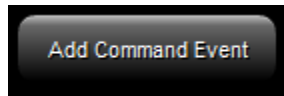
If the trigger is coming between 00 and 05, then set the minutes to 00 and the duration to 360 (6 minutes).

When input 4 is received it will begin recording and when input 5 is received 60 seconds later it will stop and save the 60 second file.

The last box selects the IO Grid number that will be used when the triggers that were recorded are replayed.

3

Add Command Event Button

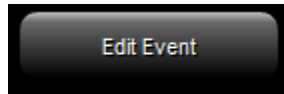


Click this to begin creating a new Command Event.

These can be used to send commands to a switcher before or after an audio BGR.

4

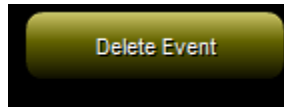
Edit Event Button



After selecting an existing event, click this button to make changes to it.

5

Delete Event Button



After selecting an existing event, click this button to delete the event.

6

Close Button



Click this X to close the BGR Event editor.

7

Recording Device Settings

Record Device : Microphone (High Definition Audio Device)
Record Device : Master Volume

This area shows the audio devices set in the On Air Program Settings

8

BGR Event List

Time	Days	Event Name	Seconds
151800	NNNYNNN	- DJB_99039.mp3	300
161407	NYNNNNN	- *BTSS*1MA	
161507	NYNNNNN	- *BTSS*1011/*BTSS*1021/*BTSS*1031/*BTSS*1041	

This list shows all existing BGR events.
You can see from the columns the time (HHMMSS) and days that the event will run as well as the name and duration of audio events.

Audio and Event Library

The Audio & Event Library allows you to look at the database and insert items into the schedule from here.
There are 3 screens which will be covered below:

- [Audio Library](#)
- [Multi-Cut Carts](#)
- [Commands](#)

Audio Library

Window and Select Buttons 1

Data Base Load Time 2

Headers and Sorting 3

Selection Area 4

Search Area 5

Info Area 6

Sync and Controls 8

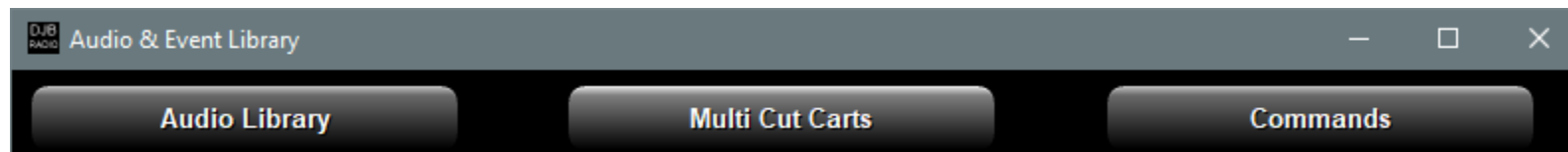
The screenshot shows the 'Audio & Event Library' window with three tabs: 'Audio Library', 'Multi Cut Carts', and 'Commands'. The 'Audio Library' tab is active, displaying a table of audio items. A blue header bar above the table indicates 'Database Load Time - 4 Items Loaded - 1183'. The table has columns for Cut #, Artist, Title, Intro, Length, Type, and Cat. Below the table is a search area with a dropdown menu set to 'Artist', a search input field, and 'Search' and 'Clear' buttons. An info area below the search contains a 'Play' button and a list of fields: Artist, Title, Artist2, Artist3, Activation Date, Expire Date, Year, CutNo, Album/Outcue, Length, Composer, and Intro. At the bottom, there is a 'Sync Item - Optional' section with a text input field, a 'Clear' button, and a checkbox for 'Exact Time item will play at the time entered'. To the right of this section is a checkbox for 'Keep Library Window On Top' and two buttons: 'Insert' (green) and 'Close' (red).

Cut #	Artist	Title	Intro	Length	Type	Cat
00049	Thunder Clap		01	00:03	Hot Keys	
00050	Crowd Cheer		01	00:06	Hot Keys	
00051	Gargle		01	00:06	Hot Keys	
00052	Big Rig Horn		01	00:02	Hot Keys	
00053	OOOOO What !		01	00:00	Hot Keys	
00054	Tarzan Yell		01	00:02	Hot Keys	
00055	CHICKEN DANCE		00	02:42	Hot Keys	
00056	Meep Meep !!		01	00:00	Hot Keys	
00057	Gasp Laugh !		01	00:00	Hot Keys	
00058	AC/DC	Back In Black	01	04:07	Music	D
00059	Chris Rice	Untitled Hymn	16	03:38	Music	A
00060	Katy Perry	Teenage Dream	04	03:43	Music	A
00061	Selena Gomez & The Scene	Love You Like a Love Song	04	03:04	Music	A
00062	Steve Winwood	Higher Love	10	03:59	Music	A
00063	Taylor Swift	Love Story	16	03:40	Music	A

7 Scroll Area

1

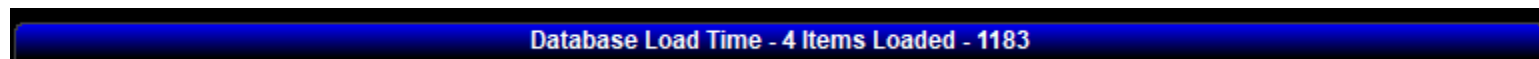
Window and Select Buttons



This top area (common to all 3 screens) contains window minimize, maximize, and close buttons as well as select buttons for all 3 screens.

2

Data Base Load Time



The Audio Library is the only one of the three screens that shows the database load time. In the picture above the database took 4 seconds to load and shows 1183 items.

3

Headers and Sorting

Cut #	Artist	Title	Intro	Length	Type	Cat
-------	--------	-------	-------	--------	------	-----

The column headers also allow for sorting by any of the headers. If you click the header once it sorts ascending, a second click sorts descending.



For example if you click Artist you get the artists from A to Z, if you click it again you get Z to A. The triangle pointing up indicates ascending.

4

Selection Area

00049	Thunder Clap		01	00:03	Hot Keys	
00050	Crowd Cheer		01	00:06	Hot Keys	
00051	Gargle		01	00:06	Hot Keys	
00052	Big Rig Horn		01	00:02	Hot Keys	
00053	OOOOO What !		01	00:00	Hot Keys	
00054	Tarzan Yell		01	00:02	Hot Keys	
00055	CHICKEN DANCE		00	02:42	Hot Keys	
00056	Meep Meep !!		01	00:00	Hot Keys	
00057	Gasp Laugh !		01	00:00	Hot Keys	
00058	AC/DC	Back In Black	01	04:07	Music	D
00059	Chris Rice	Untitled Hymn	16	03:38	Music	A
00060	Katy Perry	Teenage Dream	04	03:43	Music	A
00061	Selena Gomez & The Scene	Love You Like a Love Song	04	03:04	Music	A
00062	Steve Winwood	Higher Love	10	03:59	Music	A
00063	Taylor Swift	Love Story	16	03:40	Music	A

Click on the line you wish to select.

5

Search Area

Search :

You can use the first drop down box to select the header to search by.

- Artist
- Title
- Length
- Audio Type
- Category
- Cut #

Then enter a search term and click Search.

Search :

In the result below I had selected Artist and searched for "BA" so I got BAnd, BA,llet, BASil, and BANanarama.

Cut #	Artist	Title	Intro	Length	Type	Cat
00213	Tom Robinson Band	2-4-6-8 Motorway	23	03:09	Music	
00217	Spandau Ballet	Chant No. 1 (I Dont Need This ...	16	03:57	Music	A
00220	Toni Basil	Mickey	04	03:17	Music	A
00227	Fun Boy Three & Bananarama	It Aint What You Do (Its The W...	22	02:40	Music	A
00238	Toni Basil	Mickey (Spanish Version)	03	03:26	Music	A

Info Area

Play	Artist	Artist2
	Title	Artist3
CutNo	Album/Outcue	Activation Date
Length	Composer	Expire Date
Intro	Label	Year

After clicking on a line item the info fills in as shown below:

Stop	Toni Basil	
	Mickey	
00220	Living In Oblivion - The 80's Greatest Hits - Volume 2	
03:17		
:04		1993

If you click the Play button the item begins to play in the audio channel designated for Audition.

7

Scroll Area

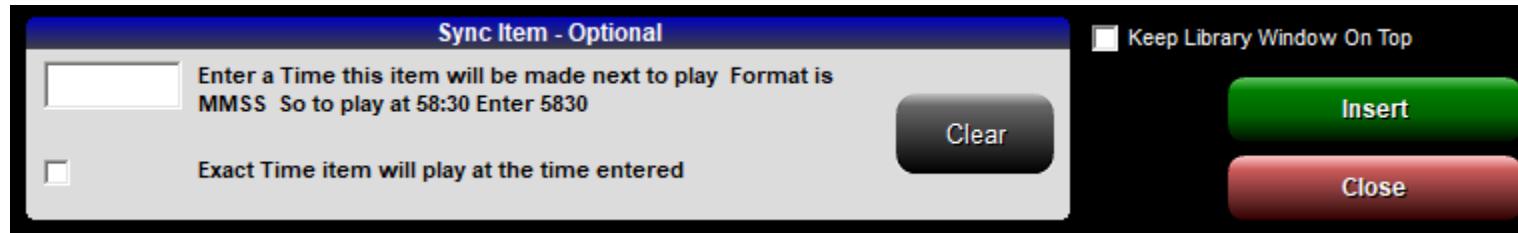


You can click the up and down arrows to move one line at a time.

You can click the dark gray slider and drag it up and down to move rapidly.

You can click above or below the dark gray slider to move a page at a time up or down.

Finally, you can use the wheel on your mouse to scroll the list.



Sync Item - Optional

Enter a Time this item will be made next to play Format is MMSS So to play at 58:30 Enter 5830

Exact Time item will play at the time entered

Clear

Keep Library Window On Top

Insert

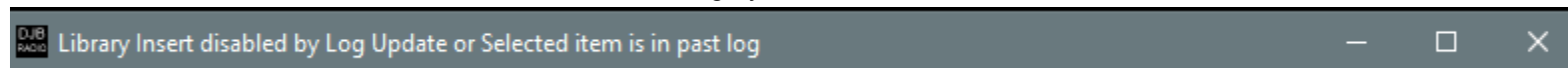
Close

Sync: If you put a time (MMSS) in the box, the item will be marked Next to Air at that time in the hour. Only enter Minutes and Seconds. If you enter a time AND check the Exact Time box, the event you insert will be triggered at that time in the hour.

The check box "Keep Library Window On Top" will keep the library window on top of any other windows. You can still click the Minimize button but clicking on a window behind the Event Library will cause it to lose focus but remain on top.

Once an item is select from one of the 3 screens, the insert button will place it in the schedule at the selected location.

The schedule location must be in the future or insert will be grayed out and disabled.



The Close button will close the Event Library.

Multi-Cut Carts

Window and Select Buttons

1

Audio Library Multi Cut Carts Commands

Multi Cut Carts

Cut #	Description
30000	Liners
30001	Dave Counting
30002	Test
30003	Not Used
30004	COM Rotate Test
30005	Not Used
30006	Not Used
30007	Not Used
30008	Not Used
30009	Radio 9
30010	Not Used
30011	Not Used
30012	Not Used
30013	Not Used
30014	Not Used
30015	Not Used
30016	Not Used
30017	Not Used
30018	Not Used
30019	Not Used

Sync Item - Optional

Enter a Time this item will be made next to play Format is MMSS So to play at 58:30 Enter 5830

Exact Time item will play at the time entered

Clear

Keep Library Window On Top

Insert

Close

Headers

2

Selection Area

3

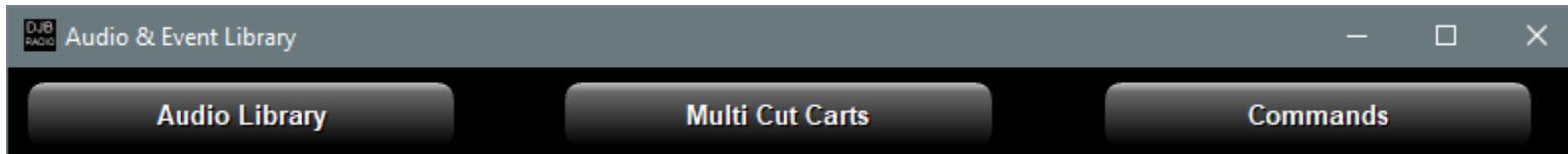
4 Scroll Area

Sync and Controls

5

1

Window and Select Buttons



This top area (common to all 3 screens) contains window minimize, maximize, and close buttons as well as select buttons for all 3 screens.

2

Headers

Cut #	Description
-------	-------------

These are headers only and are always sorted ascending.

3

Selection Area

30000	Liners
30001	Dave Counting
30002	Test
30003	Not Used
30004	COM Rotate Test
30005	Not Used
30006	Not Used
30007	Not Used
30008	Not Used
30009	Radio 9
30010	Not Used
30011	Not Used
30012	Not Used
30013	Not Used
30014	Not Used
30015	Not Used
30016	Not Used
30017	Not Used
30018	Not Used
30019	Not Used

Select the MCC line you wish to insert, then click the Insert Button.

4

Scroll Area



You can click the up and down arrows to move one line at a time.

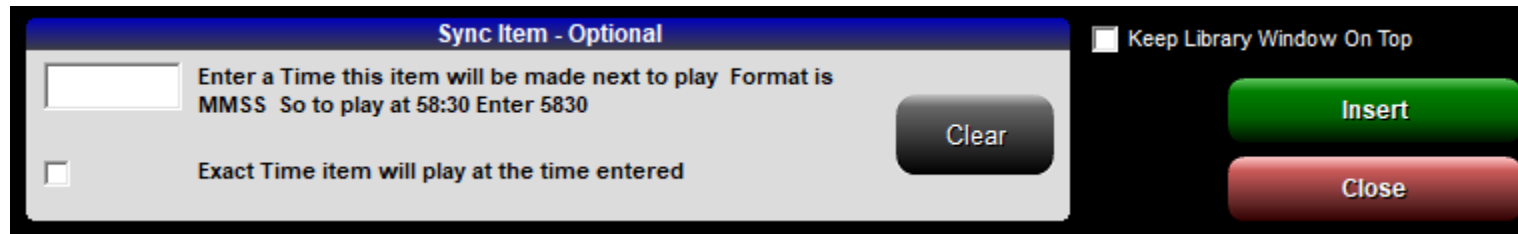
You can click the dark gray slider and drag it up and down to move rapidly.

You can click above or below the dark gray slider to move a page at a time up or down.

Finally, you can use the wheel on your mouse to scroll the list.

5

Sync and Controls



Sync Item - Optional

Enter a Time this item will be made next to play Format is MMSS So to play at 58:30 Enter 5830

Exact Time item will play at the time entered

Clear

Keep Library Window On Top

Insert

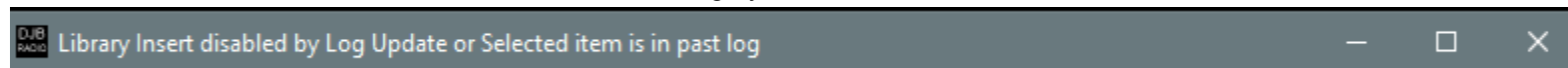
Close

Sync: If you put a time (MMSS) in the box, the item will be marked Next to Air at that time in the hour. Only enter Minutes and Seconds. If you enter a time AND check the Exact Time box, the event you insert will be triggered at that time in the hour.

The check box "Keep Library Window On Top" will keep the library window on top of any other windows. You can still click the Minimize button but clicking on a window behind the Event Library will cause it to lose focus but remain on top.

Once an item is select from one of the 3 screens, the insert button will place it in the schedule at the selected location.

The schedule location must be in the future or insert will be grayed out and disabled.



The Close button will close the Event Library.

Commands

Window and Select Buttons

1

Audio Library Multi Cut Carts Commands

Commands

Number	Command
9000	^WAIT120;Pause 2 Minutes
9001	*BTSS*1MA
9002	#PLAY125
9003	!9800
9004	PlayHooks
9005	!9994;EXACT TIME COMMAND GO AUTO
9006	FileCopy C:\jbmusic\DJB_99037.mp3 c:\jbmusic\DJB_99038.mp3
9007	RDSText This is a test
9008	Half Hour Time Sync;AUSTIN KELLY SYNC
9009	Half Hour Time Sync
9010	*BTSS*1071!/9996;SIMULCAST FM STUDIO
9011	*BTSS*1MA!/9994;FM STUDIO OFF AND AUTO ON
9012	FileDelete C:\JBMusic\DJB_99038.mp3
9013	*BTSS*1041!/9996;CHURCH SERVICE OVER PHONE LINE
9014	*BTSS*1MA1!/9994;PHONE LINE OFF
9016	*BTSS*1OR4L;Start CD Player Closure
9017	*BTSS*1081;CD CH on SWITCHER
9018	*BTSS*1MA1!/9994;CD CHANNEL OFF
9020	*BTSS*1061!/9996;BACK ROOM STUDIO CHURCH ON
9021	*BTSS*1MA!/9994;BACK ROOM STUDIO CHURCH OFF

Sync Item - Optional

Enter a Time this item will be made next to play Format is MMSS So to play at 58:30 Enter 5830

Exact Time item will play at the time entered

Keep Library Window On Top

Clear

Insert

Close

Headers

2

Selection Area

3

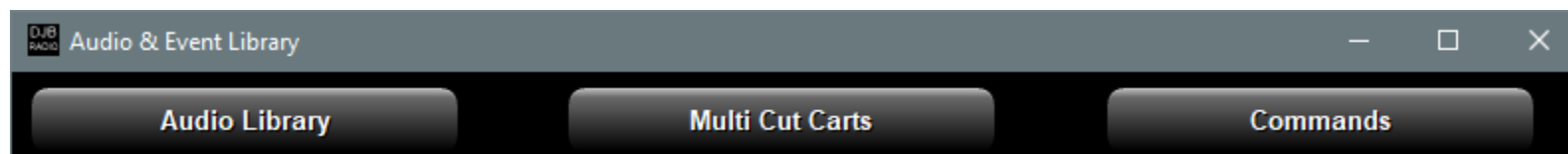
4 Scroll Area

Sync and Controls

5

1

Window and Select Buttons



This top area (common to all 3 screens) contains window minimize, maximize, and close buttons as well as select buttons for all 3 screens.

2

Headers

Number	Command
--------	---------

These are headers only and are always sorted ascending.

3

Selection Area

9000	^WAIT120;Pause 2 Minutes
9001	*BTSS*1MA
9002	#PLAY125
9003	!9800
9004	PlayHooks
9005	!9994;EXACT TIME COMMAND GO AUTO
9006	FileCopy C:\jbmusic\DJB_99037.mp3 c:\jbmusic\DJB_99038.mp3
9007	RDSText This is a test
9008	Half Hour Time Sync;AUSTIN KELLY SYNC
9009	Half Hour Time Sync
9010	*BTSS*1071!/9996;SIMULCAST FM STUDIO
9011	*BTSS*1MA!/9994;FM STUDIO OFF AND AUTO ON
9012	FileDelete C:\JBMusic\DJB_99038.mp3
9013	*BTSS*1041!/9996;CHURCH SERVICE OVER PHONE LINE
9014	*BTSS*1MA1!/9994;PHONE LINE OFF
9016	*BTSS*10R4L;Start CD Player Closure
9017	*BTSS*1081;CD CH on SWITCHER
9018	*BTSS*1MA1!/9994;CD CHANNEL OFF
9020	*BTSS*1061!/9996;BACK ROOM STUDIO CHURCH ON
9021	*BTSS*1MA!/9994;BACK ROOM STUDIO CHURCH OFF

Select the Command you wish to insert, then click the Insert Button.

4

Scroll Area



You can click the up and down arrows to move one line at a time.
You can click the dark gray slider and drag it up and down to move rapidly.
You can click above or below the dark gray slider to move a page at a time up or down.
Finally, you can use the wheel on your mouse to scroll the list.

5

Sync and Controls

Sync Item - Optional

Enter a Time this item will be made next to play Format is MMSS So to play at 58:30 Enter 5830

Exact Time item will play at the time entered

Clear

Keep Library Window On Top

Insert

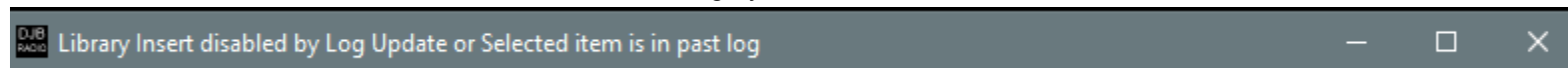
Close

Sync: If you put a time (MMSS) in the box, the item will be marked Next to Air at that time in the hour. Only enter Minutes and Seconds. If you enter a time AND check the Exact Time box, the event you insert will be triggered at that time in the hour.

The check box "Keep Library Window On Top" will keep the library window on top of any other windows. You can still click the Minimize button but clicking on a window behind the Event Library will cause it to lose focus but remain on top.

Once an item is select from one of the 3 screens, the insert button will place it in the schedule at the selected location.

The schedule location must be in the future or insert will be grayed out and disabled.



The Close button will close the Event Library.

Audition

Audition

Fleetwood Mac
Little Lies
Tango in the Night

Check Schedule Hour Lengths




Cut Number : 70
 Intro : :17
 Segue : 08.25
 Length : 03:25
 Ending Type : (Fade)
 Year : (1987)
 Category :

Audition Play Scheduled History

Audition

Fleetwood Mac
Little Lies
Tango in the Night

Check Schedule Hour Lengths



Cut Number : 70
 Intro : :17
 Segue : 08.25
 Length : 03:25
 Ending Type : (Fade)
 Year : (1987)
 Category : (A)

12 am	0h:58m:07s
1 am	1h:04m:34s
2 am	1h:04m:30s
3 am	1h:01m:37s
4 am	1h:00m:09s
5 am	1h:01m:00s
6 am	1h:04m:21s
7 am	1h:04m:21s
8 am	1h:00m:49s
9 am	0h:55m:30s
10 am	1h:04m:12s
11 am	1h:02m:39s
12 pm	1h:03m:11s
1 pm	0h:59m:05s
2 pm	1h:02m:25s
3 pm	1h:08m:37s
4 pm	1h:18m:02s
5 pm	1h:12m:17s
6 pm	1h:17m:58s
7 pm	1h:04m:25s
8 pm	1h:00m:46s
9 pm	0h:59m:11s
10 pm	1h:04m:04s
11 pm	1h:02m:59s
Total	25h:35m:04s

Audition Stop Scheduled History

If you click on a schedule item and the Audition page is open you will see a Picture like the above-left.
 If you were to click the blue Audition Play button you would see something like the picture above-right.



Both pictures show Artist, Title, Album, Album Art, Cut number, Intro time, Segue time, Length, Ending Type, Year, and Category.

While playing the level are visible above the blue progress bar and the white vertical bar can be dragged to fast forward or rewind.
 The Audition audio comes out of the sound channel set in the Program Settings [HERE](#).

Clicking Check Schedule Hour Lengths will recalculate the audio in each hour and display it in the box under the button.

Clicking Scheduled History will cause the software to check the schedule files for how often this cut has been scheduled. It looks like the picture below:

Song Play History x

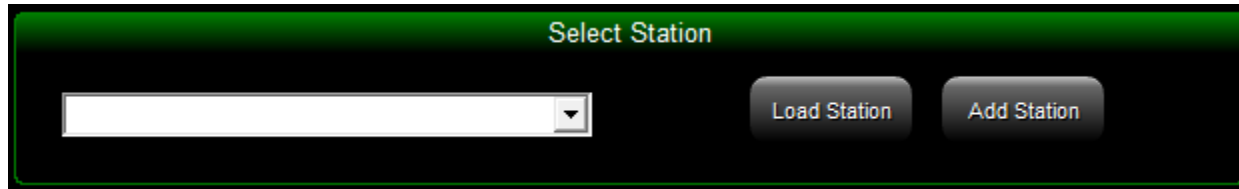
Fleetwood Mac - Little Lies  

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
04/24/2019																								
04/25/2019																								
04/26/2019																								
04/27/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06/14/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06/15/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06/16/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06/17/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06/18/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06/19/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06/20/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08/13/2019																								
08/23/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X
08/26/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X
08/27/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
08/28/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X
10/10/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
10/11/2019																								
10/17/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
10/18/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10/19/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
10/24/2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X

DJB Radio On Air Settings



1 Select Station



In this section, you can create and load stations. For most On Air situations this will not be used.

2

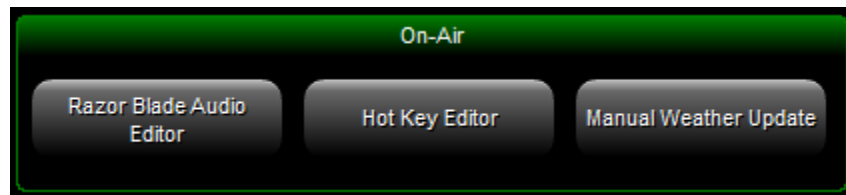
Station Info



This area shows the Station Info you set in the Program Settings [HERE](#).

3

On Air Section



These controls are duplicates of the buttons in production.

Click the links below for info:

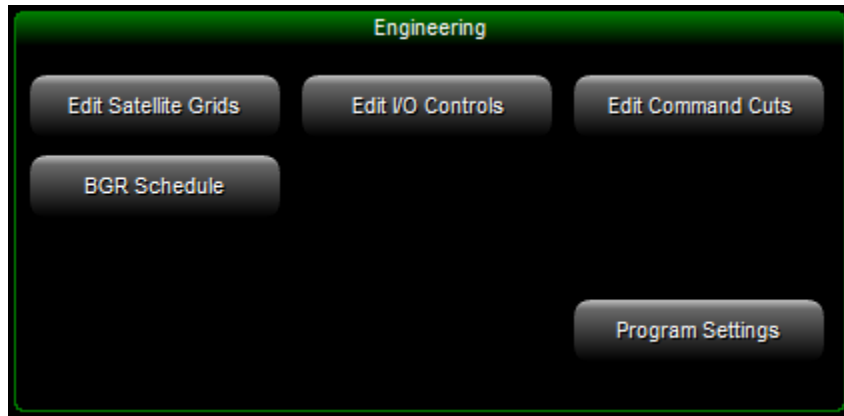
[Razor Blade Audio Editor](#)

[Hot Key Editor](#)

[Manual Weather Update](#)

4

Engineering Section



These controls are duplicates of the buttons in production.

Click the links below for info:

[Edit Satellite Grids](#)

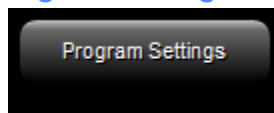
[Edit I/O Controls](#)

[Edit Command Cuts](#)

[BGR Schedule](#)

5

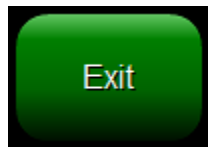
Program Settings Button



There are so many important settings, this button gets its own section:
[CLICK HERE](#) for the Program Settings Section.

6

Exit Button



Clicking this button will close the On Air Settings windows.

Program Settings

Station Setup

Call Letters: WDAV Location: Anywhere, USA Slogan: Greatest Hits of the 80's!

Station Files: M:\JBdata\ Weather Files: M:\JBdata\ Album Art Dir: M:\BCOVERART\

Audio Drive: m:\ Audio Dir: jmusic\

Hourly Update Time (4 Digits): 5830 Do Not Pack Database

Digital I/O Setup

BT-SSx.2 Type: SS4.4 Turn off Input 1 Sensing?: No

Default Port #: 3 Input Polling Interval in ms: 500

Broadcast Tools ID: 1 Pulse Relays Length in ms: 100

Test Digital I/O

Default Relay Settings: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Misc Settings

VoiceTracking Settings
 33 Duck Music Percentage
 5 Music Ramp Up Time

IVT Settings
 Enable IVT Server
 IVT Server Port Number: 21
 Default is 21 or use a port above 8200

Log Reload Time: 0:05

Enable Courier: No

Titling Options

HTML: Enable Now Playing Software
 Now Playing Format: A

RDS: Inovonics
 Default Port #: 1

Non-Titling Item Replacement Text: Greatest Hits of the 80's!

Buttons: ShoutCast, TuneIn, Tcpip

Audio Card Settings

Player 1: Speakers (High Definition Audio Device) Send Relay 1 On Start and 4 Stop

Player 2: Speakers (High Definition Audio Device) Send Relay 2 On Start and 5 Stop

Player 3: Speakers (High Definition Audio Device) Send Relay 3 On Start and 6 Stop

Satellite Triggered: Speakers (High Definition Audio Device) Fade Music at Segue

Satellite Delayed: Speakers (High Definition Audio Device)

Internet Audio: Speakers (High Definition Audio Device)

Audition: Speakers (High Definition Audio Device)

Hot Keys: Speakers (High Definition Audio Device)

Record: Microphone (High Definition Audio Device)

Record Input: Master Volume

BGR: Microphone (High Definition Audio Device)

BGR Input: Master Volume

VT: Microphone (High Definition Audio Device)

VT Input: Master Volume

Record Options:
 Format: WAV
 Sample Rate: 44100
 Bit Rate: 192
 Record In Stereo

1 Default Intro Time
 3 Default Segue
 0 Music Playback Pitch %
 1 Fade Duration

Hook Promo Settings

Include how many songs in each promo?: 3

Number of Songs to Skip while selecting for the promo: 1

Opening Cut: DJB_20.mp3

Transition Cut 1: DJB_21.mp3

Transition Cut 2: DJB_22.mp3

Transition Cut 3: DJB_23.mp3

Transition Cut 4: DJB_22.mp3

Closing Cut: DJB_24.mp3

Security Setup

Save And Exit

Station Setup Area 1

Digital I/O (Input/Output) Setup Area 2

Miscellaneous Settings Area 3

Titling Options Area 4

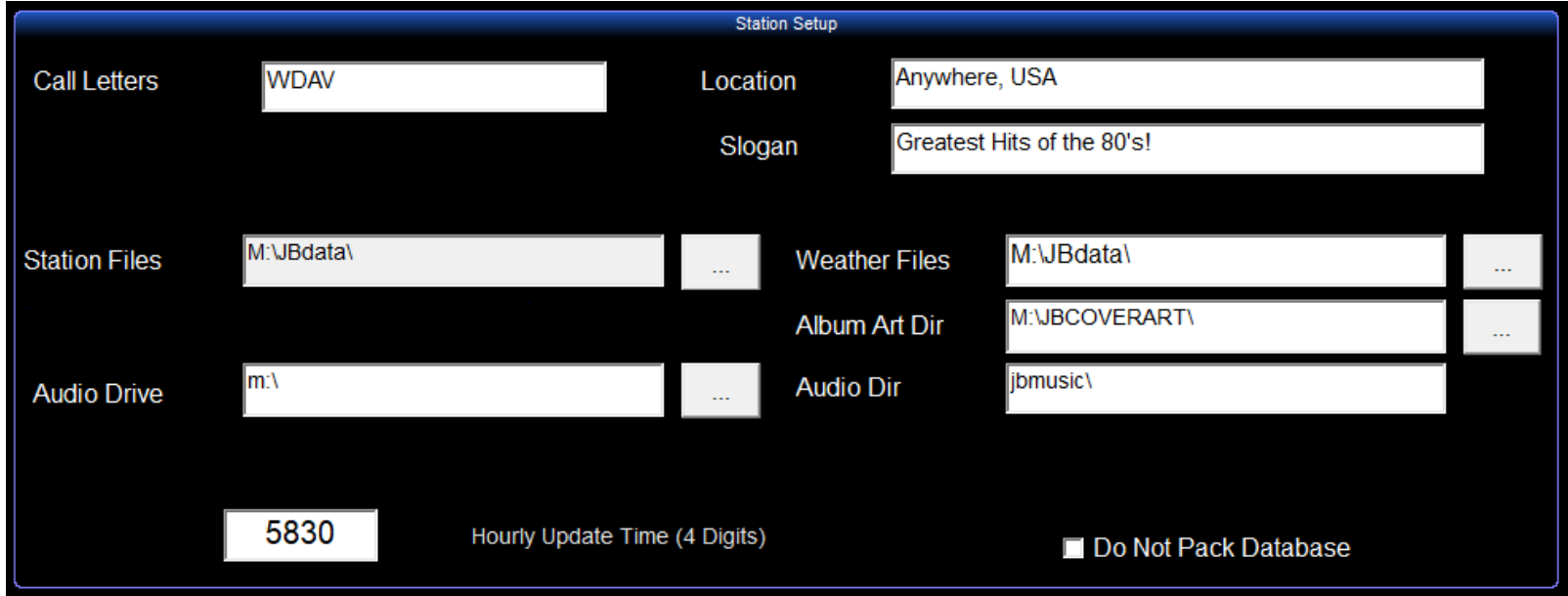
Audio Card Settings Area 5

Hook Promo Settings Area 6

Security Setup Button. 7

Save and Exit Button 8

1 Station Setup Area

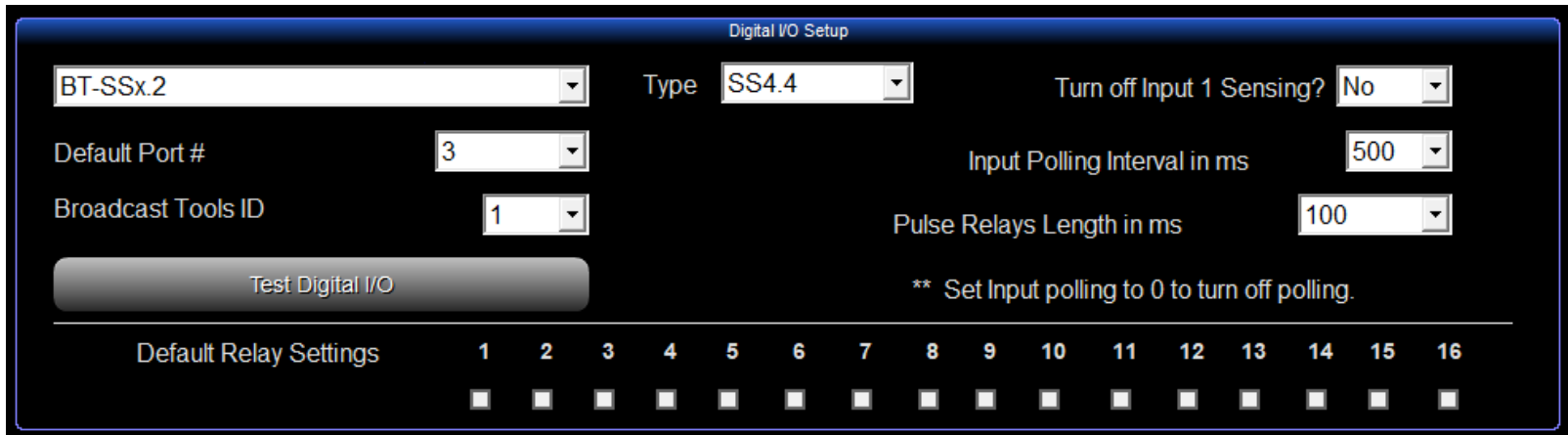


The Station Setup dialog box contains the following fields and controls:

- Call Letters: WDAV
- Location: Anywhere, USA
- Slogan: Greatest Hits of the 80's!
- Station Files: M:\JBdata\
- Weather Files: M:\JBdata\
- Album Art Dir: M:\JBCOVERART\
- Audio Drive: m:\
- Audio Dir: jbmusic\
- Hourly Update Time (4 Digits): 5830
- Do Not Pack Database:

Click [HERE](#) or on the picture for detailed information.

2 Digital I/O (Input/Output) Setup Area



The Digital I/O Setup dialog box contains the following fields and controls:

- BT-SSx.2 (dropdown)
- Type: SS4.4 (dropdown)
- Turn off Input 1 Sensing?: No (dropdown)
- Default Port #: 3 (dropdown)
- Input Polling Interval in ms: 500 (dropdown)
- Broadcast Tools ID: 1 (dropdown)
- Pulse Relays Length in ms: 100 (dropdown)
- Test Digital I/O button
- ** Set Input polling to 0 to turn off polling.
- Default Relay Settings table:

Default Relay Settings	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Click [HERE](#) or on the picture for detailed information.

3

Miscellaneous Settings Area

Misc Settings

VoiceTracking Settings

33 Duck Music Percentage

5 Music Ramp Up Time

IVT Settings

Enable IVT Server

IVT Server Port Number 21

Default is 21 or use a port above 8200

Log Reload Time

0:05

Enable Courier

No

Click [HERE](#) or on the picture for detailed information.

4

Titling Options Area

Titling Options

HTML

Enable Now Playing Software

A Now Playing Format

RDS

Inovonics

Default Port # 1

ShoutCast

TuneIn

Tcp/Ip

Non-Titling Item Replacement Text

Greatest Hits of the 80's!

Click [HERE](#) or on the picture for detailed information.

Audio Card Settings

Player 1	Speakers (High Definition Audio Device)	<input type="checkbox"/> Send Relay 1 On Start and 4 Stop
Player 2	Speakers (High Definition Audio Device)	<input type="checkbox"/> Send Relay 2 On Start and 5 Stop
Player 3	Speakers (High Definition Audio Device)	<input type="checkbox"/> Send Relay 3 On Start and 6 Stop
Satellite Triggered	Speakers (High Definition Audio Device)	<input type="checkbox"/> Fade Music at Segue
Satellite Delayed	Speakers (High Definition Audio Device)	
Internet Audio	Speakers (High Definition Audio Device)	
Audition	Speakers (High Definition Audio Device)	
Hot Keys	Speakers (High Definition Audio Device)	
Record	Microphone (High Definition Audio Device)	
Record Input	Master Volume	
BGR	Microphone (High Definition Audio Device)	
BGR Input	Master Volume	
VT	Microphone (High Definition Audio Device)	
VT Input	Master Volume	

Record Options

Format	WAV
Sample Rate	44100
Bit Rate	192
Record In Stereo	<input checked="" type="checkbox"/>

1	Default Intro Time
3	Default Segue
0	Music Playback Pitch %
1	Fade Duration

Click [HERE](#) or on the picture for detailed information.

6 Hook Promo Settings Area

Setting	Value
Include how many songs in each promo?	3
Number of Songs to Skip while selecting for the promo	1
Opening Cut	DJB_20.mp3
Transition Cut 1	DJB_21.mp3
Transition Cut 2	DJB_22.mp3
Transition Cut 3	DJB_23.mp3
Transition Cut 4	DJB_22.mp3
Closing Cut	DJB_24.mp3

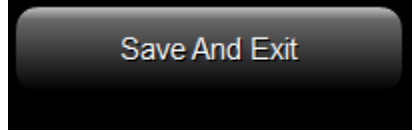
Click [HERE](#) or on the picture for detailed information.

7 Security Setup Button.



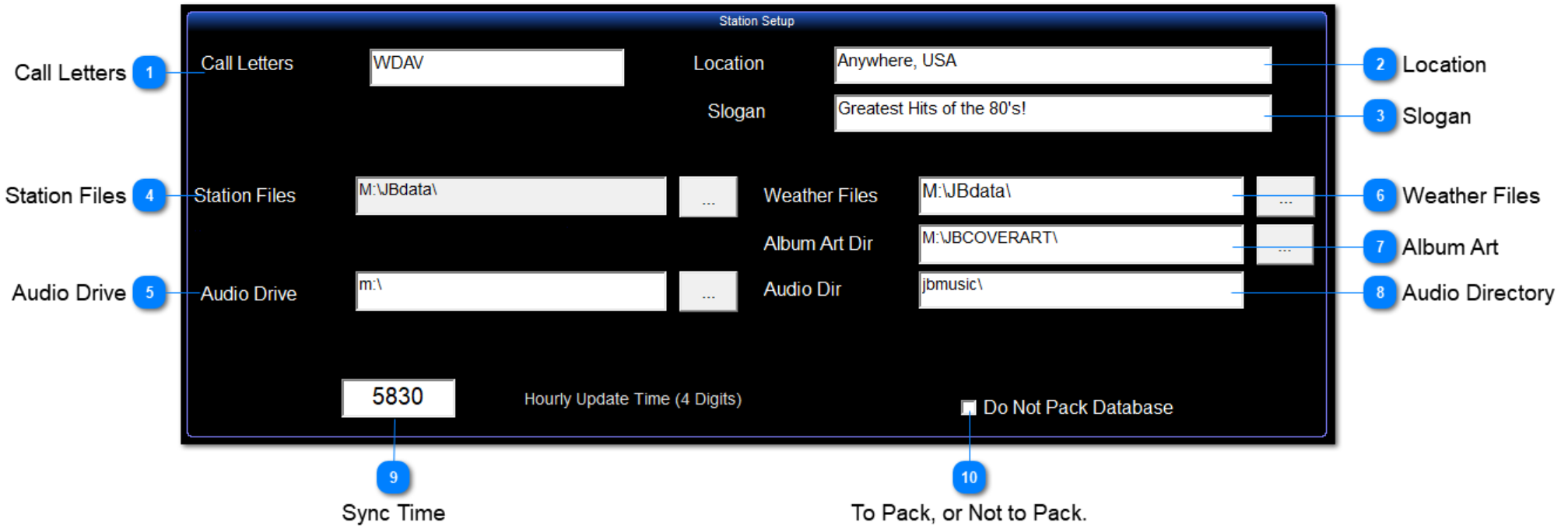
Click [HERE](#) or on the Button for detailed information.

8 Save and Exit Button



Saves Changes you have made and then closes the Program Settings.

Station Setup Area



This area contains the basic info about your station.

1 Call Letters

Call Letters

Call letters will be your station's call letters. You can add AM, LP, or FM to distinguish if you have more than one signal. Make sure the naming convention is consistent. Voicetracking uses the Call Letters for voicetrack folders.

2 Location

Location

Location is typically your city and state.

3 Slogan

Slogan

Slogan can be your generic positioning statement like, "Greatest Hits of the 80's!"


4

Station Files



Station Files is the all important location of your JBData folder.

Best practice is to have the On Air software running on an SSD drive C and the JBData and JBMusic folders on a separate audio drive like M (M for Music).


To set the location, click on the gray browse button  and browse to the JBData folder.

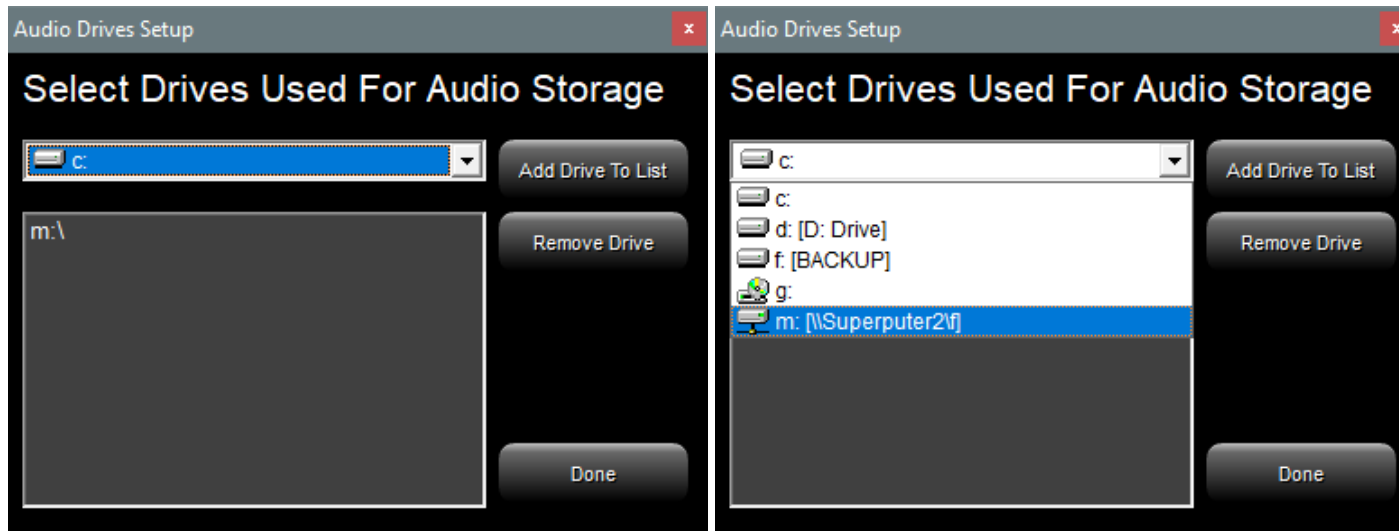
5

Audio Drive



Audio Drive is the Drive Letter where your JBMusic folder is located.

To set the drive letter, click on the gray browse button . Then you will see the window below:




If the drive you want is not already on the list, click the drop down box and select the drive letter you want and click "Add Drive To List." You can also select unnecessary drives and click "Remove Drive."

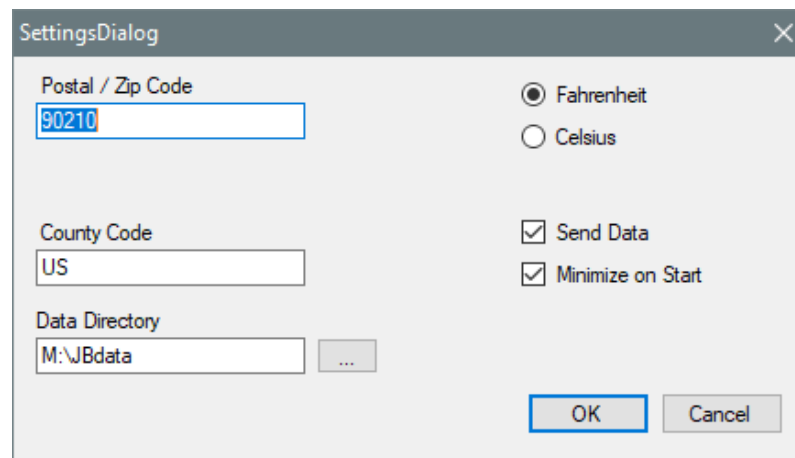
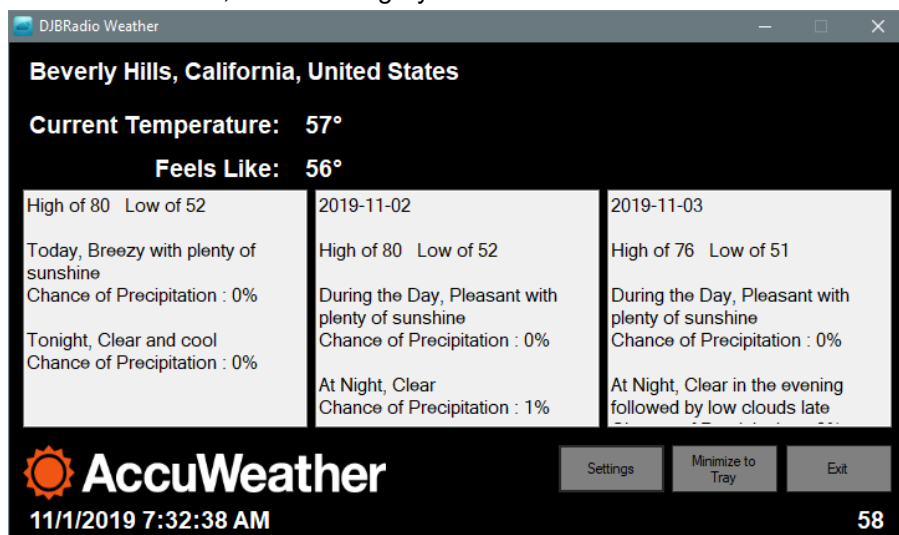
6

Weather Files



Weather Files should also be set to the JBData folder and in the settings of the DJB Radio Weather Updater the Data Directory must match.

To set the location, click on the gray browse button  and browse to the JBData folder.




7

Album Art

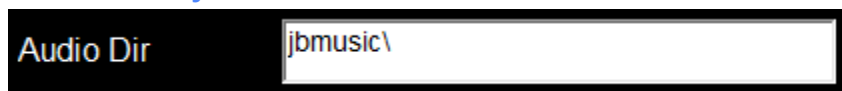


This is the location of the JBCoverArt folder, typically the root of the audio drive where the JBMusic folder is located.

To set the location, click on the gray browse button  and browse to the JBCoverArt folder.

8

Audio Directory



Audio Directory is the path on the audio drive to the JBMusic folder.

9

Sync Time

5830	Hourly Update Time (4 Digits)
------	-------------------------------

Hourly Update Time is the time in the hour when command 9999 will remove any unplayed items and makes the first item in the next hour next to air. If you have shorter items, you can tweak the time closer to 5930.

If you find that you are dropping numerous items, it is a good indicator that you need to reduce the overall number of items in the shell or in your music scheduling software.

10

To Pack, or Not to Pack.

<input type="checkbox"/> Do Not Pack Database

The last item is a Do Not Pack Database checkbox.

If you have multiple On Air computers sharing the same database, only ONE On Air can leave this box UNCHECKED.

If 2 computers both try to pack the database at midnight, the database will not get packed.

It defaults to unchecked as most stations only have one On Air for each database.

Digital I/O (Input/Output) Setup Area

The screenshot shows the 'Digital I/O Setup' window with the following settings and callouts:

- 1** Device and Type: BT-SSx.2
- 2** Default COM Port Number: Default Port # 3
- 3** Broadcast Tools ID: Broadcast Tools ID 1
- 4** Test Digital I/O (Input/Output): Test Digital I/O button
- 5** Default Relay Settings: Default Relay Settings 1-16 (all unchecked)
- 6** Turn Off Input 1 Sensing: Turn off Input 1 Sensing? No
- 7** Input Poling Interval: Input Polling Interval in ms 500
- 8** Relay Pulse Time: Pulse Relays Length in ms 100

** Set Input polling to 0 to turn off polling.

1

Device and Type

The 2 most common devices are a Broadcast Tools Switcher (BT-SSx.2) and WheatNet Interface (Wheatnet). The other interfaces are only there for backward compatibility and not recommended for use now.

If you are not using an I/O device, select "None".

Here is the complete list:

If you select BT-SSx.2 for a Broadcast Tools device, you will also see the Type drop down box where you can select which model you are using. You will also see the Broadcast Tools ID box appear below and have to choose an ID in the range 0 though 2. ID 1 is recommended and set by dipswitch on the unit itself.

2

Default COM Port Number

If you I/O Device is serial (RS-232), put the COM Port number in this box. The supported range is 1 through 8.

3

Broadcast Tools ID

This box only appears if you have selected BT-SSx.2 for a Broadcast Tools device. ID 1 is recommended and set by dipswitch on the unit itself.

Test Digital I/O (Input/Output)



Test Digital I/O brings up the box below and can test communication with the I/O device attached to the COM port.

The image shows three sequential screenshots of the 'Test Digital I/O Card' interface. Each window has a title bar with a close button (X) and a main area divided into sections for outputs, inputs, and serial commands.

- Left Screenshot:** Shows the 'Test IO Outputs' section with two rows of buttons numbered 1-8 and 9-16. A 'Reset Relays' button is below. The 'Test IO Inputs' section shows a 'Read Inputs' button and a display showing '0'. The 'Serial Command' section has an empty input field and a 'Send Command' button.
- Middle Screenshot:** Shows the 'Test IO Outputs' section where button '1' is highlighted in red. The 'Test IO Inputs' section shows a 'Stop Read' button and a display showing '0'. The 'Serial Command' section has an empty input field and a 'Send Command' button.
- Right Screenshot:** Shows the 'Test IO Outputs' section with all buttons unhighlighted. The 'Test IO Inputs' section shows a 'Stop Read' button and a display showing '2'. The 'Serial Command' section has an input field containing '*MA' and a 'Send Command' button.

Test IO Outputs: Click an output relay number and the relay in the device should close (Turn ON) and the relay number lights up red. Click the Reset Relays Button to open (Turn OFF) all of the relays.

If you click the Read Inputs Button you will see the Polling information in the box like the picture above-middle. This indicates a good COM port, but no communication to a device.

If a serial I/O device is connected and communications are established you would see other information like the picture above-right. A field of comma separated zeros and a big Zero to the right of the Stop Read Button indicates that no PIP relays are currently being pulsed. The 1 in the picture above-right and the big 2 to the right of the Stop Read Button indicates that PIP 2 is being closed.

DJB Radio On Air will interpret that as Input 2 being triggered. The info below will appear in the [System Messages Area](#) in the [System Menu](#) of the On Air program.

Input 2 triggered ()
Input 2 triggered.

Send Command: You can type in a command to send to the I/O Device and click the Send Command Button. If a serial I/O device is connected and communications are established the switcher will execute the command. In the above-right picture, the command *1MA will tell Broadcast Tools device ID1 to Mute All.

5 Default Relay Settings

Default Relay Settings	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Some of the devices on the list support checking the default relays to be turned on at startup.

6 Turn Off Input 1 Sensing

Turn off Input 1 Sensing?

This will disable input 1.

7 Input Poling Interval

Input Polling Interval in ms

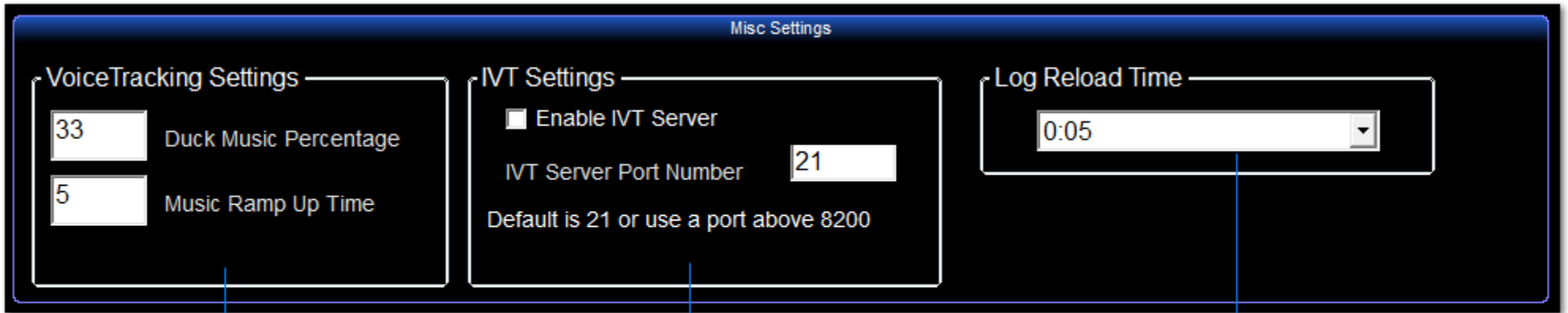
The time in milliseconds between polls. The DJB Radio On Air polls the I/O device to see if any inputs are active. If you set the polling interval to zero, it disables the polling function thus disabling Inputs.

8 Relay Pulse Time

Pulse Relays Length in ms

The length of time in milliseconds a relay is held closed when it is Pulsed. Relays can be:
Closed (Turned ON),
Opened (Turned OFF), or
Pulsed (Turned ON for the number of milliseconds in the box and then turned OFF)
by various [Command Cuts](#).

Miscellaneous Settings Area



1

Voice Tracking Settings

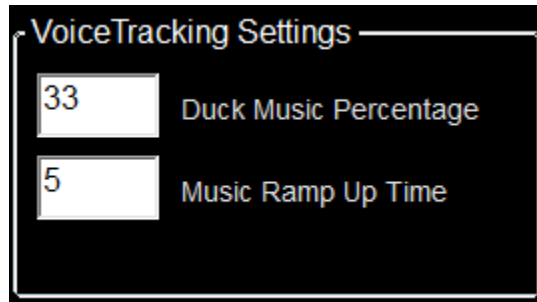
2

IVT Settings

3

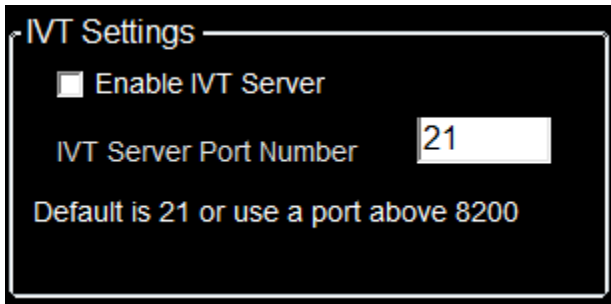
Log Reload Time

1 Voice Tracking Settings



Duck Music Percentage: 33 will reduce the intro of the song TO 33% of normal when playing under the voicetrack.
Music Ramp Up Time: The time in seconds for the volume to return to 100%.

2 IVT Settings



IVT Settings

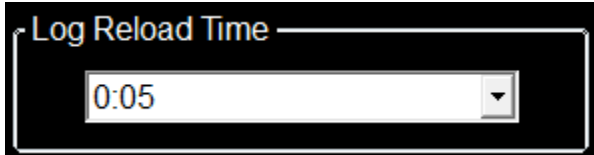
Enable IVT Server

IVT Server Port Number

Default is 21 or use a port above 8200

For Internet Voice Tracking to be active you must check "Enable IVT Server"
The port number for IVT defaults to 21, or you can change it to a port above 8200.
IVT Client users will need to be on a VPN (Like Hamachi VPN) and know the VPN IP Address of the server and the port number.

3 Log Reload Time



Log Reload Time

This controls the amount of time On Air will count down before reloading the log after Log Editor or Voice Tracker makes a change.

Titling Options Area



Titling Options

HTML

Enable Now Playing Software

Now Playing Format

RDS

Default Port #

ShoutCast

TuneIn

Tcp/Ip

Non-Titling Item Replacement Text

Non-Titling Replacement Text

2 HTML Section

3 RDS Section

4 ShoutCast Button

5 TuneIn Button

6 TCP/IP Button

1

Non-Titling Replacement Text

Non-Titling Item Replacement Text
Greatest Hits of the 80's!

This is the text sent to RDS and Now Playing when an event plays that is NOT set for Now Playing in the [Edit Audio Types](#) window.

2 HTML Section

HTML

Enable Now Playing Software

A Now Playing Format

The checkbox enables the Now Playing interface below to launch with DJB Radio On Air. You can use this to send the title and artist information of any Audio Type that has the Now Playing checkbox checked in the [Edit Audio Types](#). You can also select the style of now playing output. If you are going to use the now playing software provided by DJB then set the version to A

DJB RADIO Now Playing

Location of your Now Playing File

C:\JBdata\nowplay.txt

Your Websites FTP Address

ftp.eg.com

Your FTP User Name Password

nowplay *****

Folder to Send the NowPlaying.html File to:

/

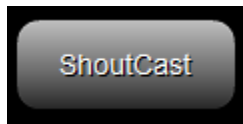
Start Sending NowPlaying DJB Status : DJBRADIO is Running

3 RDS Section

The screenshot shows a dark-themed interface with the title 'RDS'. Below the title is a dropdown menu currently displaying 'Inovonics'. Underneath that is a label 'Default Port #' followed by another dropdown menu displaying the number '1'.

This area allows you to activate Serial RDS commands on the RS-232 COM Port listed under Default Port #. Inovonics' standard RDS output preamble is "DPS=" For Example DPS=Back in Black by AC/DC on WDAV If you are not using Serial port RDS select None from the drop down menu.

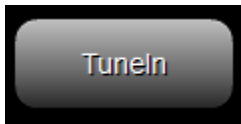
4 ShoutCast Button



Clicking the button will bring up the window below where you can enter the Host IP Address, Port number, and password for ShoutCast. This information will be available from your provider. Don't forget the checkbox to enable it after you enter the info.

The screenshot shows a 'Shoutcast Setup' dialog box with a close button (X) in the top right corner. At the top left, there is a checkbox labeled 'Enable Shoutcast'. Below this, the dialog is organized into three columns: 'Stream 1', 'Stream 2', and 'Stream 3'. Each column contains three text input fields: 'Remote Host', 'Port', and 'Password'. At the bottom right of the dialog, there are two buttons: a green 'Save' button and a red 'Cancel' button.

5 Tuneln Button



Clicking the button will bring up the window below where you can enter the Station ID, Partner ID, and Partner Key. Don't forget the checkbox to enable it after you enter the info.

Tuneln Setup

Enable Tuneln

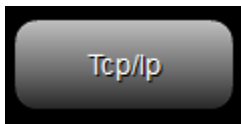
Station ID
[Text Input Field]

Partner ID
[Text Input Field]

Partner Key
[Text Input Field]

Save Cancel

6 TCP/IP Button



Clicking the button will bring up the window below where you can enter a TCP/IP address and port number to receive the Now Playing info. Don't forget the checkbox to enable it after you enter the info.

TCPIP Setup

Enable TCPIP

IP Address and Port including http:// IE: http://192.168.0.110:9000
[Text Input Field]

Save Cancel

Audio Card Settings Area

The screenshot shows the 'Audio Card Settings' window. On the left, there are labels for different audio settings: 'On Air Player Audio Cards' (1), 'Satellite Audio Cards' (2), 'Internet Audio Sound Card' (3), 'Audition Player Audio Card' (4), 'Hot Keys Audio Card' (5), 'Record Input Settings' (6), 'Back Ground Record Input Settings' (7), and 'Voice Track Input Settings' (8). On the right, there are callouts for 'Fade on Segue' (9), 'Recording Options' (10), 'Default Intro Time' (11), 'Default Segue Time' (12), 'Music Playback Pitch' (13), and 'Fade Duration' (14). The interface includes dropdown menus for audio devices, checkboxes for relay and fade options, and a 'Record Options' section with dropdowns for format, sample rate, and bit rate, along with a 'Record In Stereo' checkbox and numeric input fields for intro time, segue time, pitch, and fade duration.

1 On Air Player Audio Cards

This section shows three rows of settings for 'Player 1', 'Player 2', and 'Player 3'. Each row has a dropdown menu set to 'Speakers (High Definition Audio Device)' and a checkbox labeled 'Send Relay [Player Number] On Start and [Player Number] Stop'.

This is where the audio for the 3 On Air Players is setup.

2 Satellite Audio Cards

This section shows two rows of settings for 'Satellite Triggered' and 'Satellite Delayed'. Each row has a dropdown menu set to 'Speakers (High Definition Audio Device)'.

Audio fired from the I/O Controls will play over the Satellite Triggered output.

3 Internet Audio Sound Card

Internet Audio	Speakers (High Definition Audio Device)
----------------	---

Audio from the URL Command Cut will play through this output.

4 Audition Player Audio Card

Audition	Speakers (High Definition Audio Device)
----------	---

Audio selected in the playlist can be previewed by the Audition Play button on this sound device.

5 Hot Keys Audio Card

Hot Keys	Speakers (High Definition Audio Device)
----------	---

Hot Keys play out through this device. Up to 4 Hot Keys may play simultaneously.

6 Record Input Settings

Record	Microphone (High Definition Audio Device)
Record Input	Master Volume

This is the main Record Input.

7 Back Ground Record Input Settings

BGR	Microphone (High Definition Audio Device)
BGR Input	Master Volume

This is the Back Ground Record Input.

8 Voice Track Input Settings

VT	Microphone (High Definition Audio Device)
VT Input	Master Volume

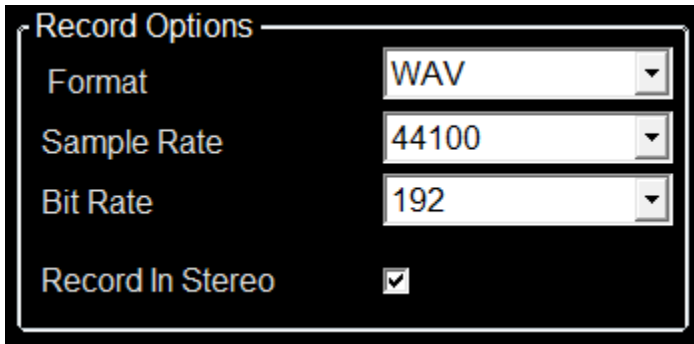
This is the Voice Tracking Input.

9 Fade on Segue

Fade Music at Segue

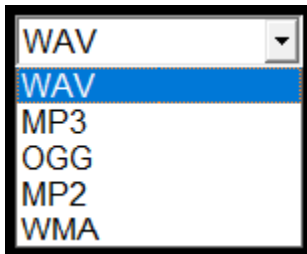
If this box is checked, tracks designated as music will begin to fade when they reach the Segue marker and start the next event. If not checked, the song will continue to play until the end of file after starting the next event.

10 Recording Options



This box allows you to select the various formats and quality DJB Radio's Recording, Back Ground Recording, and Voice Tracking.

You may choose from the following formats:



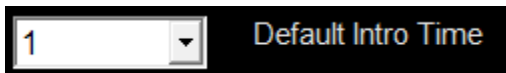
WAV is the only uncompressed PCM, lossless format and is recommended for the best audio quality. All of the others are compressed and suffer from some quality loss.

The Sample rate should be 44100 unless you are using a Digital Audio System where your digital sample rate is set to something different like 48000.

The Bit rate is the quality setting if you choose a compressed format. We suggest not going below 192

Record in Stereo will cause your recordings to be in stereo, if unchecked you will record in mono.

11 Default Intro Time



When you import a new cut, this is the default Intro time that will be applied. You can edit Intro times in Production Database Editor [HERE](#).

12 Default Segue Time

 Default Segue

When you import a new cut, this is the default Segue time that will be applied. You can edit Segue times in Production Database Editor [HERE](#).

13 Music Playback Pitch

 Music Playback Pitch %

This allows you to pitch (speed) up your music.

This is similar to the top 40 radio trick of turning up the speed on the turntables slightly to make the music sound brighter and pick up the tempo.

You can adjust in increments of 1/10th of a percent from 0 to 5 percent.

This is not recommended for audiophiles.

14 Fade Duration

 Fade Duration

This is the amount of time in seconds for an event to fade out once it reaches its Segue marker if Fade On Segue is checked.

If the user clicks the Play Next (Segue) button while audio is playing, it will also use this value to fade out.

Hook Promo Settings Area

Hook Promo Settings		
Include how many songs in each promo?	Opening Cut	DJB_20.mp3
	Transition Cut 1	DJB_21.mp3
Number of Songs to Skip while selecting for the promo	Transition Cut 2	DJB_22.mp3
	Transition Cut 3	DJB_23.mp3
	Transition Cut 4	DJB_22.mp3
	Closing Cut	DJB_24.mp3

Hook Promos are built on the fly by On Air when the PlayHooks command is scheduled.

You will have to assign PlayHoos to a user command number in the [EDIT COMMAND CUTS](#) window.

On Air looks for scheduled songs each hour from Audio Types that have the "Music" checkbox checked.

To determine which songs will be selected for a Hooks Promo use the "Number of Songs to Skip" drop down box.

For instance... you can play hooks for the next three songs in the schedule by leaving a 0 in the "Number of Songs to Skip" drop down box or you can increase that number to 1 or 2 or 3.

In the example above if a PlayHooks command cut is sent the software will look at the next 6 songs and build a promo using every other cut.

DJB_20.mp3 will be the intro

Then it will skip the first song and play the Hook of the second song. If you need info on setting up Hook, look [HERE](#).

Then it will play DJB_21.mp3

Then it will play the Hook of the fourth song.

Then it will play DJB_22.mp3

Then it will play the Hook of the sixth song.

Then since I only told it to promo 3 songs, it will play DJB_24.mp3 as the closing cut.

Security Setup Button

The "Security Setup" button allows you to create or modify passwords for DJB Radio Production Suite.



You can have different passwords for the [Production, Programming, On-Air, and Engineering boxes](#).

Security

Enable Security

Production Password

Save

Used to Access Items Grouped in the Production Box

Programming Password

Save

Used to Access Items Grouped in the Programming Box

On-Air Staff Password

Save

Used to Access Items Grouped in the On-Air Box

Engineering Password

Save

Used to Access Items Grouped in the Engineering Box

Click the "Enable Security" checkbox.
Enter a password and click the "Save" button next to EACH password you enter.
You do not have to use all 4 passwords; you may restrict any box you wish.

When you are done, close the box by clicking the red "X".

Keyboard Shortcuts

Disable Keyboard Shortcuts:

To disable all keyboard commands, create an empty text file named "nokeys.txt" in the install folder (C:\DJBRADIOAIR\).
To re-enable them you can delete the "nokeys.txt" file.
This can be done while the On Air software is running.

Log Editor

Space - Audition Play and Stop
Insert - Event Library
Delete - Delete
Home - Go to Air Item

F2 - Check Hour Run Times
F3 - Go To Hour
F4 - Toggle Log Display Mode

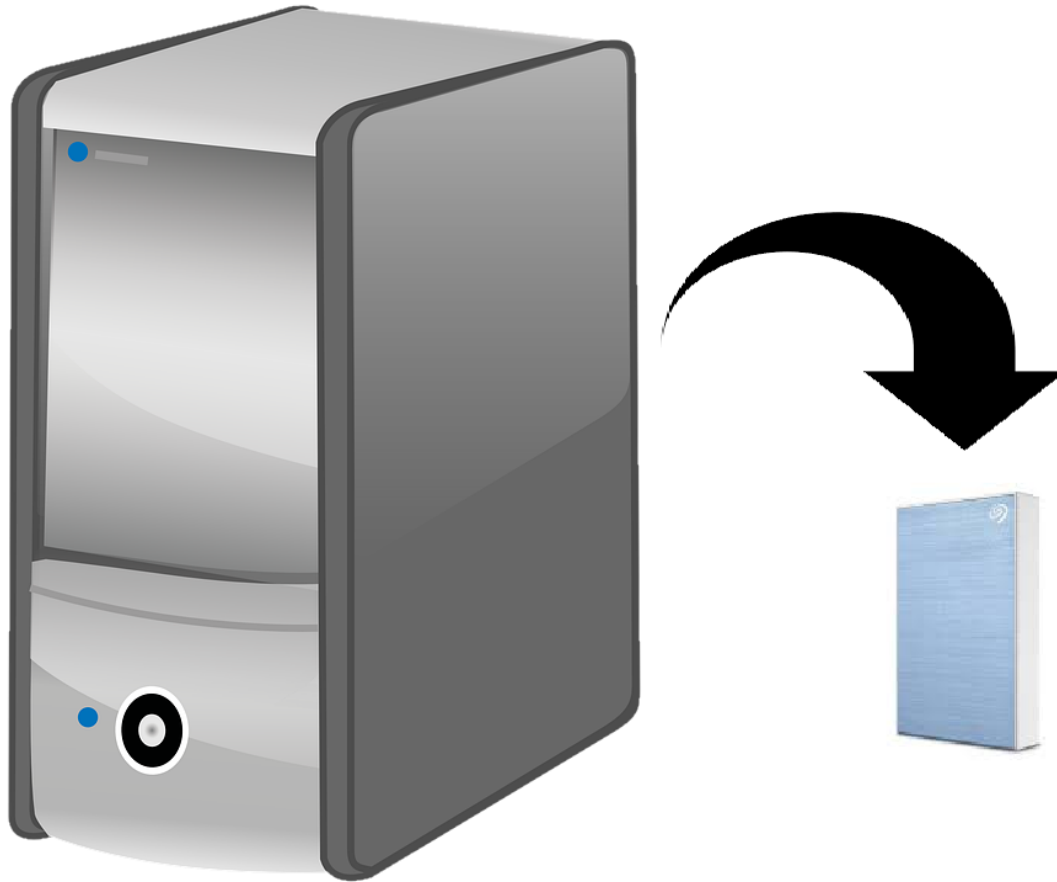
VT

Space - Start Stop Record
Insert - Event Library
Delete - Delete
Home - Go to Air Item
F2 - Check Hour Run Times
F3 - Go To Hour
F4 - Toggle Log Display Mode
F5 - Audition Play / Stop
F6 - Stop Hot Key Audio
F9 - Find Next VT

On Air

Insert - Event Library
Delete - Delete
Home - Go To Air Item
F1 - Automation / Jock Assist
F2 - Insert Jock Break
F3 - Go To Hour
F4 - Toggle Log Display Mode
F5 - Display Toggle
F6 - Hotkeys
F7 - Audition
F8 - Weather
F9 - System
ESC - Stop Log Audio
Space - Play Next
1-9 - Load Hot Key Page 1-9
0 - Load Hot Key Page 10

Backing Up Your System



Backing up your system is fairly easy, there are just 3 folders you need in the case of disaster

You need to Backup your Station Files, Your Audio Files and your Coverart

To find out where those files are located refer you your on air settings.

Station Setup

Call Letters	<input type="text" value="WDAV"/>	Location	<input type="text" value="Anywhere, USA"/>
		Slogan	<input type="text" value="Greatest Hits of the 80's!"/>
Station Files	<input type="text" value="M:\JBdata\"/> ...	Weather Files	<input type="text" value="M:\JBdata\"/> ...
		Album Art Dir	<input type="text" value="M:\JBCOVERART\"/> ...
Audio Drive	<input type="text" value="m:\"/> ...	Audio Dir	<input type="text" value="jbmusic\"/>

Hourly Update Time (4 Digits)
 Do Not Pack Database

Using our demo setup as an example....

The Stations Files are in M:\JBDATA, so this is the first folder that needs to be backed up

Using the audio drive and audio directory settings we can see that the audio files are located in M:\JBMUSIC this is the second folder that needs to be backed up

The third folder will be M:\JBCOVERART. The cover art is always stored in JBCOVERART on the Audio drive M:\

We suggest using a 3rd party Product such as SyncBack Free

<http://www.2brightsparks.com/syncback/syncback-hub.html>

The Best Solution would be to backup the files every week to an external USB drive attached to the On Air