



**WestwoodOne**

**STORQ2**

FLEXIBLE | VERSATILE | LOCALIZABLE

# **Introduction and Operational Guide For MicroCasting on the Wegener i8640**

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## Section 1: How to Access the Interface

Access to the interface of this system is all web-based. There is no access via a direct connection to the back of the unit.

To access the system, you will need the IP address of the unit after it has been connected to you network.

The IP Address can be either dynamic (DHCP) or static. It is highly recommended that you set a Static IP address in order to ensure the address does not change, rendering access to the interface difficult.

To lookup the IP address of the unit, from the front panel of the receiver, follow the below steps.



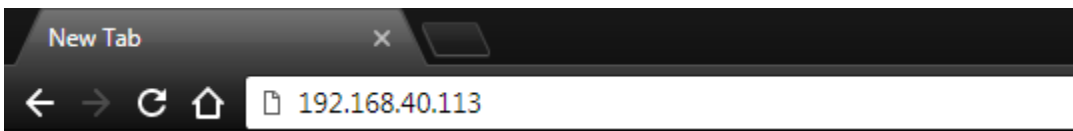
*Front View of Receiver*

To Lookup IP Address:

- 1) Use the left/right arrow keys to locate Unit Setup, press ENT
- 2) Locate IP Setup, press ENT
- 3) Locate LAN IP Settings, press ENT
- 6) Use the left/right arrow keys to view LAN IP, NetMask & Gateway addresses

Once you have the IP address, go to a computer with access on that network and open a web browser.

With the browser open, input the IP address as you found on the front panel, and hit “Enter”, like below:



*Inputting IP into Google Chrome Browser*

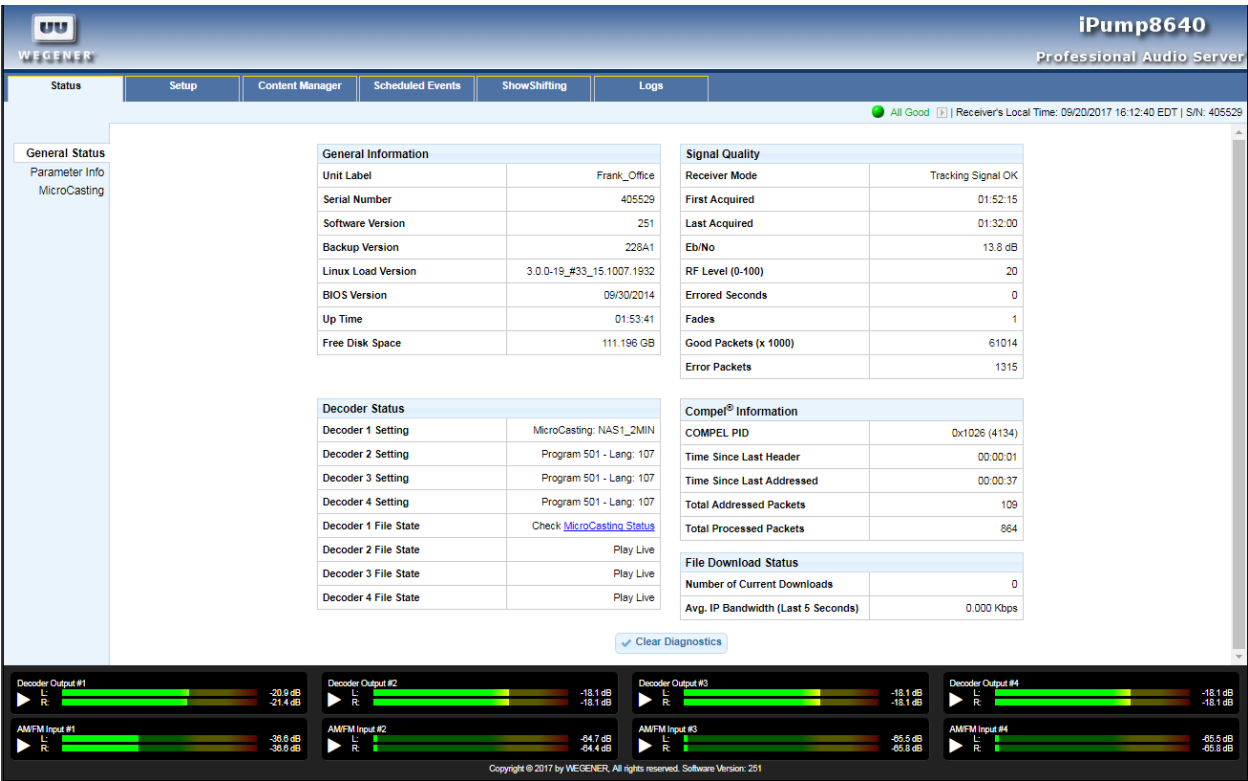
This will bring you to the home page on the web interface, discussed on the next page of this guide.

### **Note:**

*Google Chrome is Strongly Recommended as the browser of choice, Firefox will do, and Internet Explorer is not supported.*

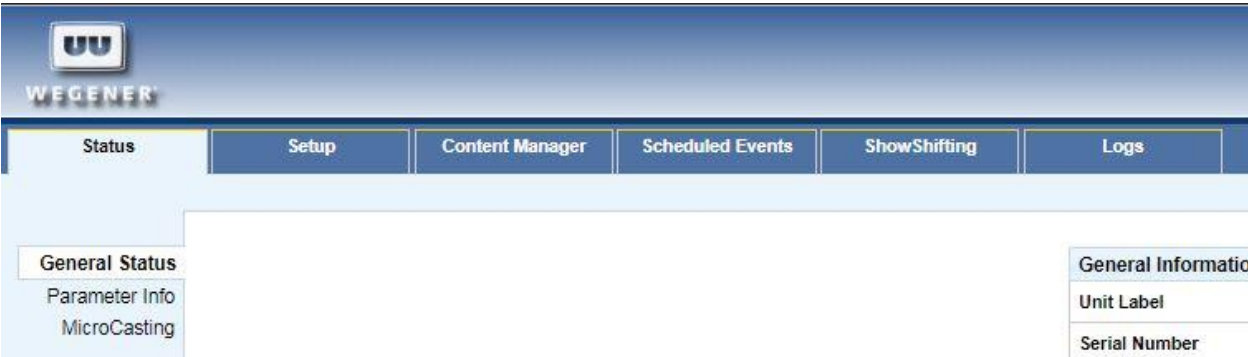
## Section 2: The Home Page of the System

The homepage of the web interface includes links to several tabs, and some basic diagnostic information. The image below shows the basic layout of the home page.



Main Page

You will see several tabs across the top, and links along the left-hand side. Each of these are documented in depth further on in this guide.



Tabs on Upper Left of Main Page

The information you see here on this home page includes a couple of interesting items.

First, in the middle of the page is where you will find the basic status information of the system.

General Information		Signal Quality	
Unit Label	Frank_Office	Receiver Mode	Tracking Signal OK
Serial Number	405529	First Acquired	00:06:55
Software Version	251	Last Acquired	00:06:55
Backup Version	228A1	Eb/No	14.0 dB
Linux Load Version	3.0.0-19_#33_15.1007.1932	RF Level (0-100)	20
BIOS Version	09/30/2014	Errored Seconds	0
Up Time	00:08:21	Fades	0
Free Disk Space	111.370 GB	Good Packets (x 1000)	3769
Decoder Information		Error Packets	1115
		Signal Information	
Decoder Status		Compel® Information	
Decoder 1 Setting	MicroCasting: NAS1_1MIN	COMPEL PID	0x1026 (4134)
Decoder 2 Setting	Program 501 - Lang: 107	Time Since Last Header	00:00:00
Decoder 3 Setting	Program 501 - Lang: 107	Time Since Last Addressed	00:00:32
Decoder 4 Setting	Program 501 - Lang: 107	Total Addressed Packets	3
Decoder 1 File State	Check <a href="#">MicroCasting Status</a>	Total Process	50
Decoder 2 File State	Play Live	Download Information	
Decoder 3 File State	Play Live		
Decoder 4 File State	Play Live	File Download Status	
		Number of Current Downloads	0
		Avg. IP Bandwidth (Last 5 Seconds)	0.000 Kbps

Clear Diagnostics

General Status Information on Main Page

Next, on the upper right corner of the screen you will find a Status Indicator, the time, and the Serial Number of the unit.



Status of Unit on Main Page

Finally, at the bottom of the screen you will find Meters which show both the current output of the receiver on each port, as well as the current input on your AM/FM antenna.



Decoder and AM/FM #1 VUE Meters

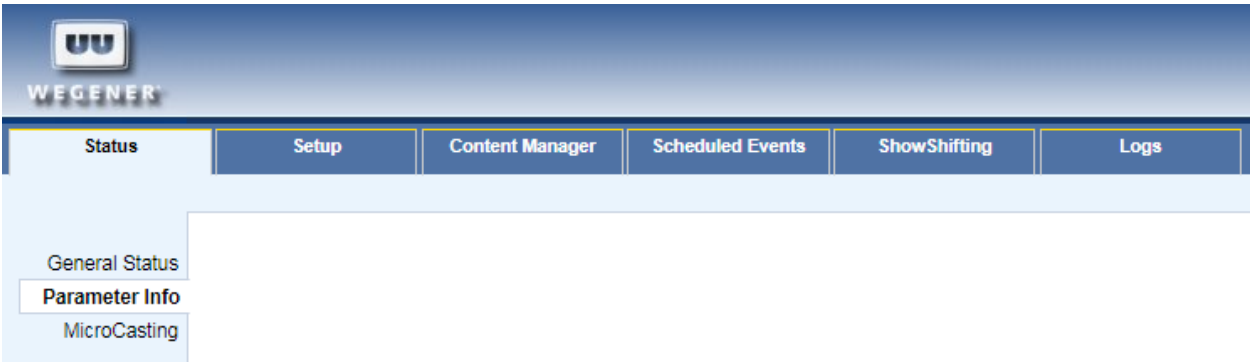
By selecting the “Play” button on either if these meters, you can stream the output through your web browser, to the computer you are logged in from. This means you can listen to your AM/FM input, through the browser, to the desk you are sitting at! This does not affect the output of the receiver at all.

Once selected, the play button will change to a “Pause” button to stop it.



Playing the Audio from Decoder Output 1

Parameter Info Tab:



Parameter Info

Now, working through the tabs on the left-hand pane, we will select “Parameter Info”. This page just includes some standard setting information for the unit. There are no adjustable features on this page.

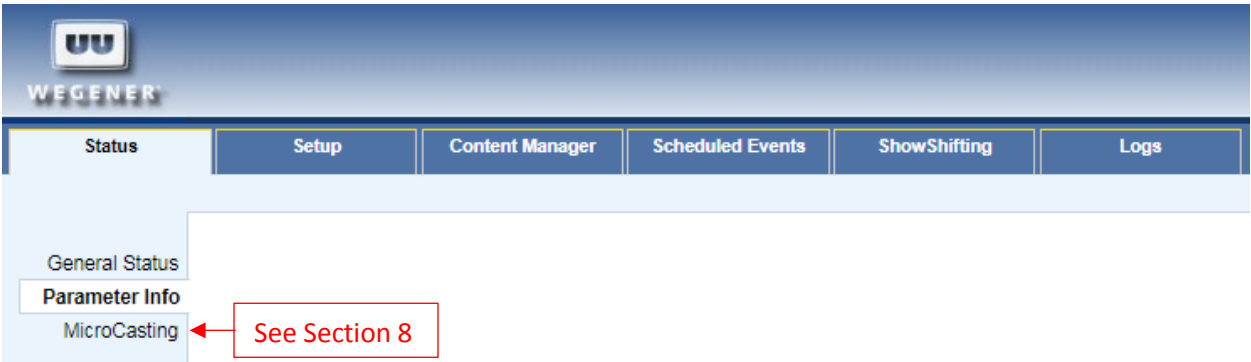
General Parameters

The parameters on this page are more than likely NOT found on any of the other web pages.

General Information	
Local Control	Disabled
LNB ASTRA Support	0
ReturnPath Alarm Delay	60 seconds
Content File Access	Read Only
Compel & CA Information	
Compel PID	0x1026 (4134)
Compel Locked	No
Compel Required	Yes
Compel Shared	No
Compel Timezone	America/New_York
Compel Method	DVB
CA PID	0x1026 (4136)
Service/Acquisition Timeouts	
Services Recovery	2:00
Network Recovery	2:00:00
Recovery Iteration	0:30
Local Control Recovery	10:00
IP Information	
MAC Address	00:07:5B:63:01:90
DVB/MPE IP Address	173.16.200.222
DVB/MPE IP Port	22221
Service Status	
ftp	Disabled
telnet	Disabled
nfs	Disabled
smb	Enabled
http	Enabled

View of Parameter Info Page

The Next Tab Down is the “MicroCasting” tab. This tab is documented in Section 8 of this guide. Please skip to section 8 for additional information.

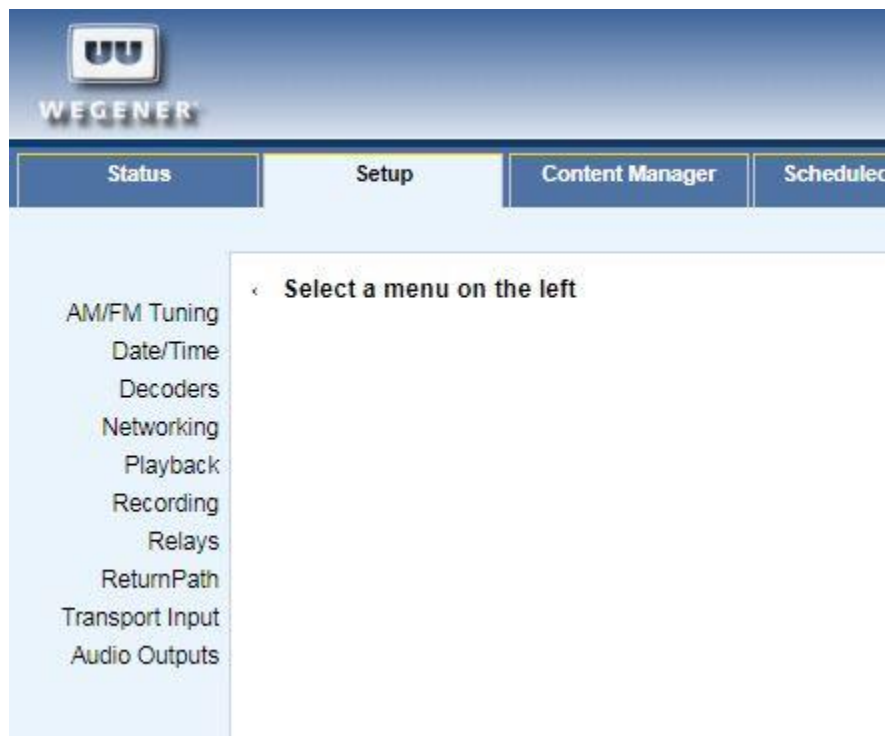


*See Section 8 for More Information on MicroCasting*



## Section 3: The Setup Tab

Now we will move to the “Setup” Tab on the upper left of the screen. This tab offers limited setup changes for local control.



*View of Setup Tab*

### AM/FM Tuning Tab:

The AM/FM Tuning Tab will show the status of your AM/FM signal on the input of the receiver. This will show a status but is not adjustable locally. The frequency is set by the network.

AM/FM Tuner Setup	
AM/FM Tuner 1	
Signal Quality	✓ Good
Tuner Band	<input type="radio"/> AM <input checked="" type="radio"/> FM
Tuner Frequency	Use the slider below to edit the tuner frequency. <div><div></div><div></div></div> <div>102.7 MHz</div>
<div>✓ Save</div> <div>↺ Revert Changes</div>	

*AM/FM Signal Quality*

### Date/Time Tab:

The date and time tab will display the current date and time. The time for the receivers will always remain in ET. This setting is not adjustable locally.

#### Date/Time Setup

Time Settings	
Current Date	09/21/2017
Current Time	12:03:40

 Edit

Time Zone Setting	
Current Time Zone	America/New_York

 Edit

#### Date/Time Display

### Decoders Setup Tab:

This tab displays current decoder setup and status. These are not adjustable locally.

#### Decoders Setup

Decoder 1 Settings	
Setting	MicroCasting
Program Log	JFM_1MIN_NFS

 Edit

Decoder 2 Settings	
Setting	Live
Program Number	501
Audio Channel	107

 Edit

Decoder 3 Settings	
Setting	Live
Program Number	501
Audio Channel	107

 Edit

Decoder 4 Settings	
Setting	Live
Program Number	501
Audio Channel	107

 Edit

#### Decoders Setup Display

### Networking Tab:

The networking tab is a web interface for setting local IP information. You can use this tab to input Static IP settings and DNS settings. This tab allows for local input. Click the “Edit” buttons to adjust the settings.

#### Network Setup

LAN Settings	
Current IP Information (Obtained automatically via DHCP)	
IP Address	192.168.40.113
Subnet Mask	255.255.0.0
Network Gateway	192.168.40.1
Has Network Connection?	Yes

 Edit

Click Edit to Adjust

Domain Name Servers (DNS)	
Primary Server	8.8.8.8
Secondary Server	208.67.220.220
Third Server	1.0.0.0
Fourth Server	1.0.0.0

 Edit

## Playback Tab:

The playback tab is not in use for MicroCasting. This tab is turned off and does not provide any local control.

The screenshot shows the 'Decoder Playback' interface. On the left is a sidebar with navigation links: AM/FM Tuning, Date/Time, Decoders, Networking, Playback (highlighted), Recording, Relays, ReturnPath, Transport Input, and Audio Outputs. The main content area is titled 'Decoder Playback' and includes a status bar at the top right showing 'All Good' and 'Receiver's Local T'. Below the title is a 'Playback Source' section with a 'Choose a source to play from' dropdown menu, 'File', and 'Playlist' tabs. An 'Enter a Name' text field is present. Below this is a table titled 'or Choose from the List' with columns: Name, Last Modified, Duration, and Size. The table contains three rows: 'CNSV-capture1' (2015-11-18 12:37:52), 'esetst0' (2017-08-18 15:23:01), and 'testcontent1' (2014-08-12 15:58:38). Below the table is a 'Playback Options' section with a 'Decoder Number' dropdown (set to 1) and an 'Insertion Profile' dropdown (set to #0 - No Profile). The 'Playback Execution' section has two radio buttons: 'Immediate - Immediately play the specified content' (selected) and 'Scheduled - Schedule playback for later' (with a date/time field set to 09/22/2017 13:08:08). At the bottom are 'Submit' and 'Start Over' buttons.

*Playback Tab is Disabled*

## Recording Tab:

The recording tab is not in use for MicroCasting. This tab is turned off and does not provide any local control.

The screenshot shows the 'Recording Setup' interface. At the top is the title 'Recording Setup' and a subtitle: 'From this page, you can setup recordings to begin immediately or at some scheduled date in the future. Use the form below to perform the recording setup.' Below this is a 'Recording Source' section with a 'Transport Input - Record for the transport input source given the specified options' label. A 'DVB Program' dropdown is set to '501' and an 'Audio Descriptor' dropdown is set to 'All Audios'. The 'Record Length' section has two radio buttons: 'Record Duration - Record for the specified duration' (selected, with a text field set to 30:00:00 min) and 'Record Until Stopped - Continuously record until manually stopped by the user'. Below this is a 'Recorded File Name' section with a 'File Name' text field. The 'Record Execution' section has two radio buttons: 'Immediate - Immediately begin recording the specified source' (selected) and 'Scheduled - Schedule record for later' (with a date/time field set to 09/22/2017 13:08:08). At the bottom are 'Submit' and 'Start Over' buttons.

*Recording Tab is Disabled*

## Relays Tab:

The Relays Tab provides an interface to test outgoing closures to your local automation system.

By turning it “ON”, you will lock it on, which will provide a consistent closure for testing with automation.

You can also select “Pulse” to pulse the relay closed, testing it as it would fire in normal operation.

**Relay Setup**

Audio Po

Click to turn “ON”

Click to “PULSE”

Relay 1	<input type="checkbox"/> OFF	(Pulse)
Relay 2	<input type="checkbox"/> OFF	(Pulse)
Relay 3	<input type="checkbox"/> OFF	(Pulse)
Relay 4	<input type="checkbox"/> OFF	(Pulse)
Relay 5	<input type="checkbox"/> OFF	(Pulse)
Relay 6	<input type="checkbox"/> OFF	(Pulse)
Relay 7	<input type="checkbox"/> OFF	(Pulse)
Relay 8	<input type="checkbox"/> OFF	(Pulse)
Relay 9	<input type="checkbox"/> OFF	(Pulse)
Relay 10	<input type="checkbox"/> OFF	(Pulse)
Relay 11	<input type="checkbox"/> OFF	(Pulse)
Relay 12	<input type="checkbox"/> OFF	(Pulse)
Relay 13	<input type="checkbox"/> OFF	(Pulse)
Relay 14	<input type="checkbox"/> OFF	(Pulse)
Relay 15	<input type="checkbox"/> OFF	(Pulse)
Relay 16	<input type="checkbox"/> OFF	(Pulse)

*Relay Testing Display*

## ReturnPath:

The ReturnPath tab displays information for the unit connecting back to “home”, or our control system here. These are not adjustable locally and vital for diagnostics and network access.

ReturnPath Settings	
Server Address	65.121.35.35
Backup Server Address	172.16.1.63

[Edit](#)


*ReturnPath Address Display*

### Transport Input Tab:


This tab displays the current frequency, modulation, data rate, and other vital settings for downlink reception. These settings should not be altered unless specifically instructed to.

The LNB DC Power can be adjusted to remain ON or OFF in this window as well.


Current Input Settings	
Modulation	qpsk
Carrier Frequency (in MHz)	4043
Data Rate (in Mbps)	14
FEC Ratio	3/4
Tag Site	15
Program Number	0

 Edit

MPE Pids (in Hex)
0x1000

 Edit

LNB Settings	
LNB LO Type	Standard C Band
LNB LO Frequency (in MHz)	5150

 Edit


LNB DC Power	<input checked="" type="checkbox"/> ON <input type="checkbox"/>
--------------	---


*Transport Input Tab*

### Audio Outputs Tab:

The Audio Outputs tab display general information about each audio decoder. These settings are not adjustable locally. Any adjustments to audio levels or output need to be handled external to the receiver.

**Decoder 1 Audio Settings**

Audio Port 1 	
Routing	Stereo
Muting	Unmuted
Analog Attenuation	0 dB

 Edit

*Example of Decoder 1 Audio Settings Display*

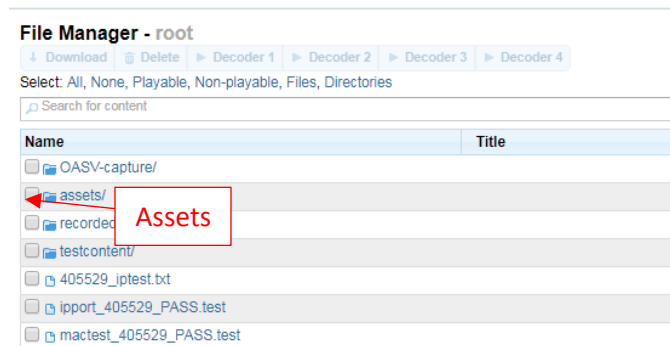
## Section 4: Content Manager

The Content Manager tab is the place to look at the files existing on the system. This tab provides access to local files, Network Imaging, and Network Commercial files and playlists.

### Local Imaging Files:

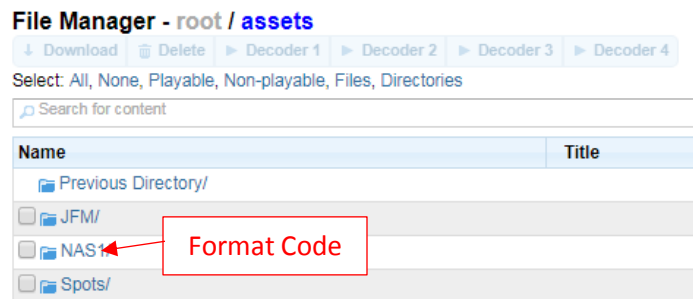
To view Local Imaging Files, you open the folders “Assets”, then the format code of the format you take, for example, Nash Icon is format code “NAS1” and then LN\_XXXXXX, where “XXXXXX” is the serial number of the receiver, starting with “405”.

First Open “Assets”



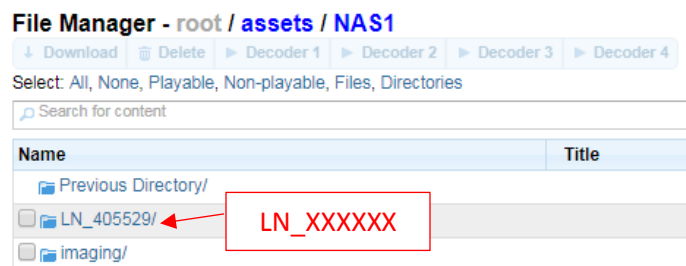
*Main Page of Content Manager*

Then the format folder

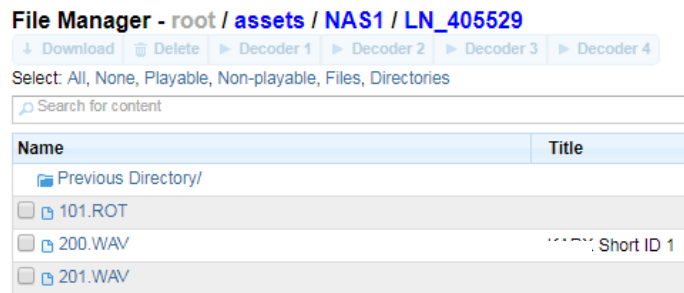


*Inside of “Assets”*

The Local Assets folder is LN\_XXXXXX

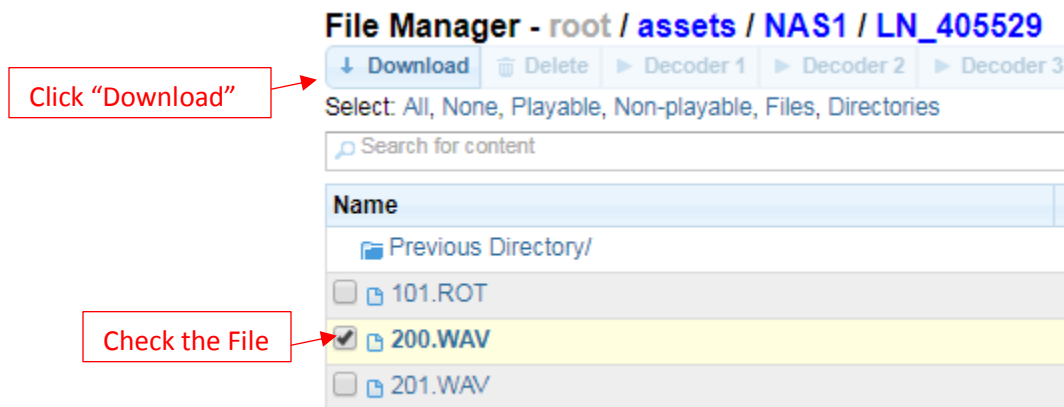


Then the LN\_XXXXXX folder. These are local imaging files and imaging rotator files.



*Inside of "LN\_XXXXXX" where local files are.*

To Download or Play a Local Imaging File (for review). Click on the file, and select "Download". This will not affect on-air output.



*Select a File and Download*

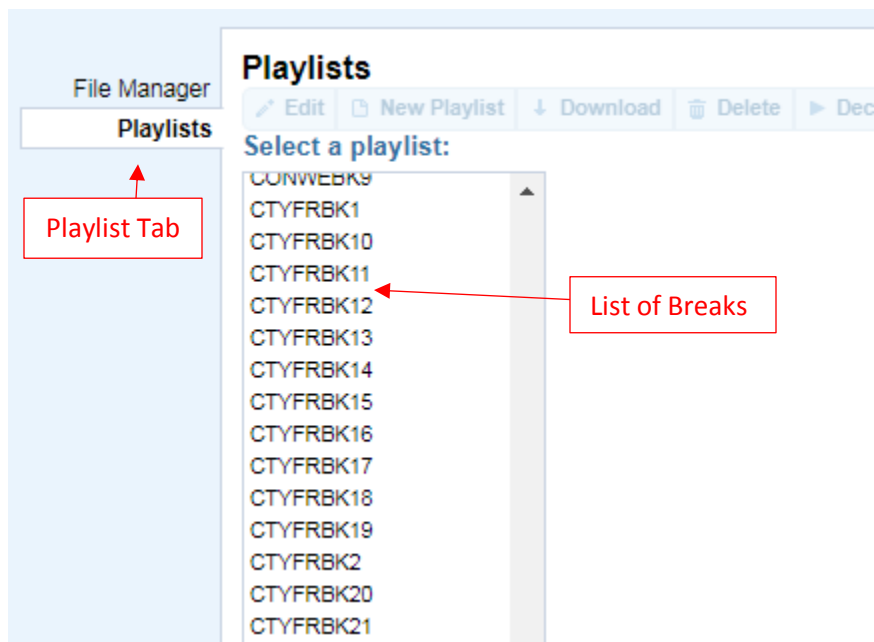
This will open a Playback window in the browser. By default, the file will just playback. To download the file, select the download arrow. This will save it in your default downloads folder. The example below is by using Google Chrome.



*Click to Download View*

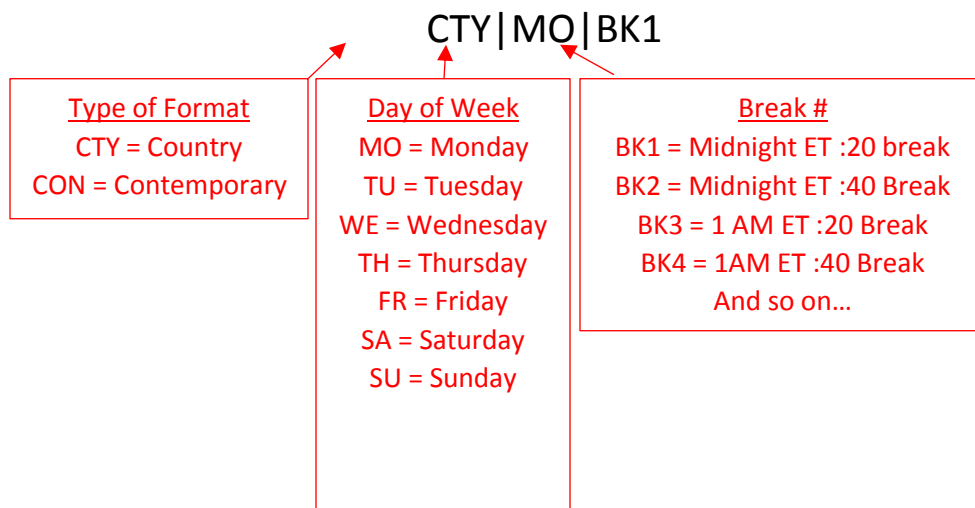
To View Network Commercial Playlists (Necessary for Make-Goods):

On the left-hand side, you will see a “Playlists” folder. This folder contains the commercial playlists as schedule for your station that week.



*View of Playlist Tab*

The playlist syntax is as follows:



*How the playlist is viewed*



Once you select a playlist to view, it will open the spots scheduled in that position, like below.

### Playlist: CTYFRBK28

"0\_56905367\_CTYFRBK28 from xml definition file."

Duration: 0:59

	File
1	/assets/Spots/WW_STAG259317WR.MP2
2	/assets/Spots/WW_WALG12370000.MP2

*Viewing the Country, Friday, Break #28 schedule*

Once you have the schedule of spots for a specific break, you can download the spots from the “Assets”, “Spots” folder.

### Search Results for 'WW\_STAG'

↓ Download    🗑 Delete    ▶ Decoder 1    ▶ Decoder 2    ▶ Decoder 3    ▶ Decoder 4

Select: All, None, Playable, Non-playable, Files, Directories

🔍 WW\_STAG

Use “Search” to find the Spot by name

Name	Title	Artist
📁 Return to Directory Listing (/assets/Spots/)		
<input type="checkbox"/> 📄	/assets/Spots/WW_STAG259317WR.MP2	
<input type="checkbox"/> 📄	/assets/Spots/WW_STAG418317R0.MP2	

*Finding a Spot by Name*

Once you have located the spot, you can download and import into your automation system to playback as a make-good.

## Section 5: Scheduled Events Tab

The “Scheduled Events” tab will contain, in most instances, two events, which are simply a weekly sync to ensure the system is on the correct channel.

There is no local control over the schedule.

### Scheduled Events

This page contains a list of all remotely and locally scheduled events. These events are split into 3 sections: [Playback Events](#), [Record Events](#), and [Miscellaneous Events](#). Note the time zone.

All of the events that are “grayed out” are currently deactivated. To activate them, select each one and click the “Activate” button.

Select: [All](#), [None](#), [Play Events](#), [Record Events](#), [Miscellaneous Events](#).

#### Play Schedule

No Scheduled Events

#### Record Schedule

No Scheduled Events

#### Miscellaneous Events

	Next Event Date	Time	Event
<input type="checkbox"/>	09/23/2017 (Saturday)	00:00:01	AUTOMATION 1 NAS1_1MIN BLAH
<input type="checkbox"/>	09/25/2017 (Monday)	00:00:00	AV/DECODER SELECT 1,PROGRAM,501

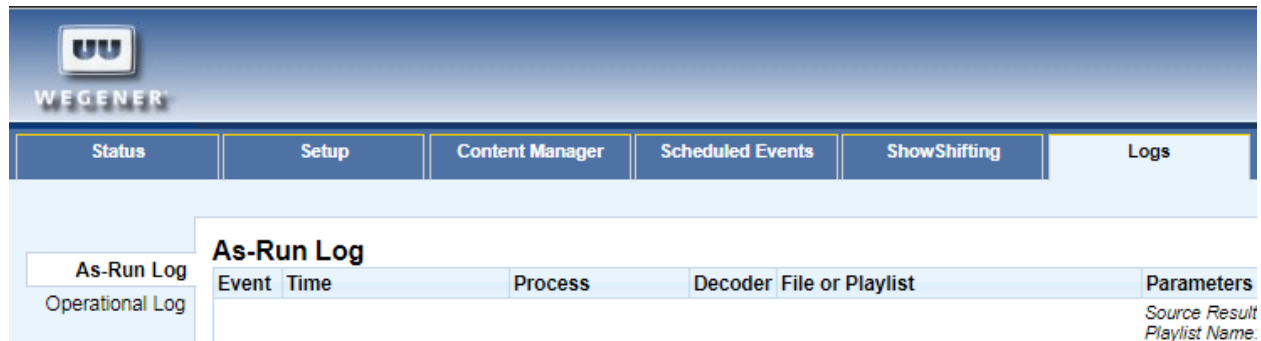
*View of Schedule*

## Section 6: ShowShifting Tab

The “ShowShifting” tab is not in use for MicroCasting. There are no locally controlled features in this tab.

## Section 7: Logs Tab

The logs tab is where you can find important diagnostic information about the device and the playback of the files.



View of Logs Tab

There are 2 types of log files stored in the Logs tab of the receiver.

### As-Run Logs:

As-run logs will show specific information about the event, time, process, decoder, File, and required parameters of each and every file as it plays, as it ends, or any errors.

Some examples are highlighted below.

As-Run Log					
Event	Time	Process	Decoder	File or Playlist	Parameters
488802	2017-09-25 12:41:24.74	End of File Play	1	/assets/Spots/WW_XGGA40931000.MP2	Source Result Code: Playlist Name: On Air Status: Correlation R Value: Audio System Delay: Tuner AM/FM Mode: AM/FM Tuner Frequency: AM/FM Tuner Signal Quality: AM/FM Tuner Metric: AM/FM Tuner Checked Time:
488801	2017-09-25 12:40:55.17	End of File Play	1	/assets/Spots/WW_NHVM08770000.MP2	Source Result Code: Playlist Name: On Air Status: Correlation R Value: Audio System Delay: Tuner AM/FM Mode: AM/FM Tuner Frequency: AM/FM Tuner Signal Quality: AM/FM Tuner Metric: AM/FM Tuner Checked Time:
488800	2017-09-25 12:40:55.08	Play a File	1	/assets/Spots/WW_XGGA40931000.MP2	Playlist Name:
488799	2017-09-25 12:40:25.80	Play a File			Playlist Name:
488797	2017-09-25 12:40:25.04	Command to Play Playlist			Playlist Style: Playlist Loop Count:

View of As-Run Log

### Operational Log:

The operational log provides some specific technical details on the operation of the unit.

The operational log will log outgoing relays, incoming GPIO relays, song title/artist information sent over the RBDS port, Signal Loss, Glitch count, AM/FM signal quality, and more information.

This will be the place to look and track down if a relay was missed, if a return GPIO was missed, or technical details such as that.

Some examples are highlighted below.

## Operational Log

Event	Time	Event Group	Index	Parameters
488833	2017-09-25 13:18:49.73	Relays	Port 1, Relay 6 (#6)	Current Relay State:
488831	2017-09-25 13:18:37.15	Relays	Port 1, Relay 2 (#2)	Current Relay State:
488830	2017-09-25 13:14:39.18			Program Associated Data:
488829	2017-09-25 13:14:29.39		Port 1, Relay 3 (#3)	Current Relay State:
488828	2017-09-25 13:10:59.78			Program Associated Data:
488827	2017-09-25 13:10:54.86		Port 1, Relay 4 (#4)	Current Relay State:
488826	2017-09-25 13:07:24.73	Serial Port	Port 1	Program Associated Data:
488825	2017-09-25 13:03:41.12	Serial Port	Port 1	Program Associated Data:
488824	2017-09-25 13:03:31.29	Relays	Port 1, Relay 3 (#3)	Current Relay State:
488823	2017-09-25 13:03:23.81	AM/FM Tuner Status	Port 1	AM/FM Tuner Frequency: Tuner AM/FM Mode: AM/FM Tuner Signal Quality: AM/FM Tuner Checked Time:
488822	2017-09-25 13:03:17.84	On Air Status	Port 1	On Air Status: Correlation R Value: Audio System Delay: Audio Port Setting: AM/FM Tuner Signal Quality: AM/FM Tuner Metric:

When a Relay is Fired,  
and Which Relay

RBDS Data

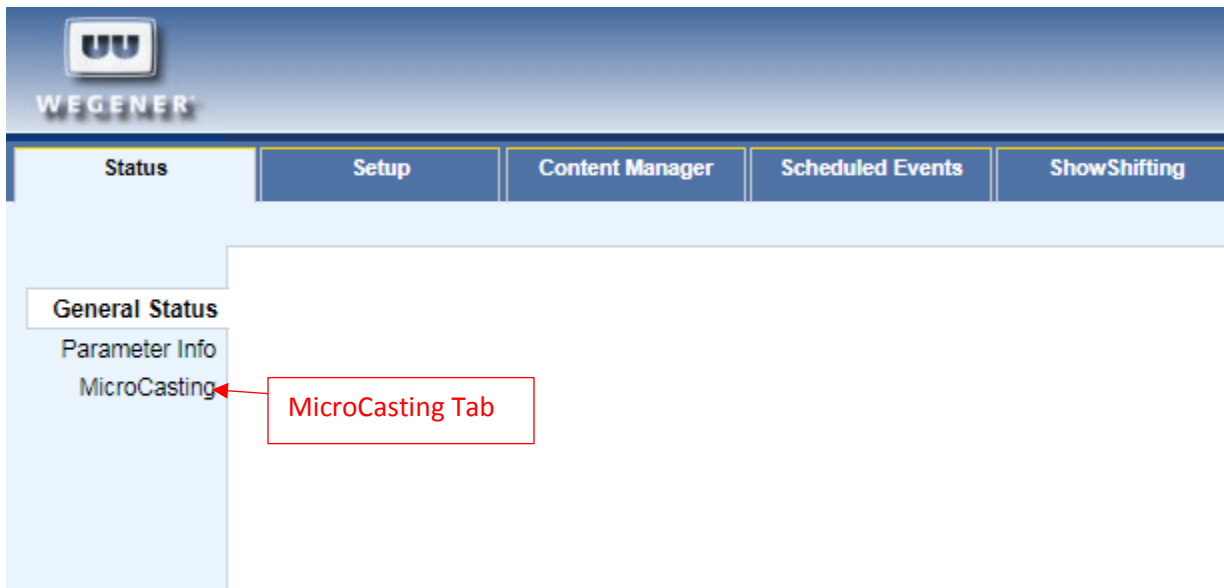
AM/FM Status

View of Operational Log

## Section 8: MicroCasting

This section will review the fundamental operations of “MicroCasting”, the newest version of STORQ delivered on your Wegener receiver.

To access the MicroCasting playlist for all the following functions, click on “MicroCasting” from the home page of the system.



*MicroCasting Tab on Home Page*

This will lead you to the MicroCasting web application. This is a live view of the playlist that is currently playing, and looks something like the below:

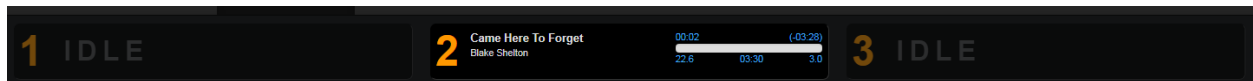


*MicroCasting*

From this view, we will start by reviewing the functions and items surrounding the playlist.

## Playback Devices:

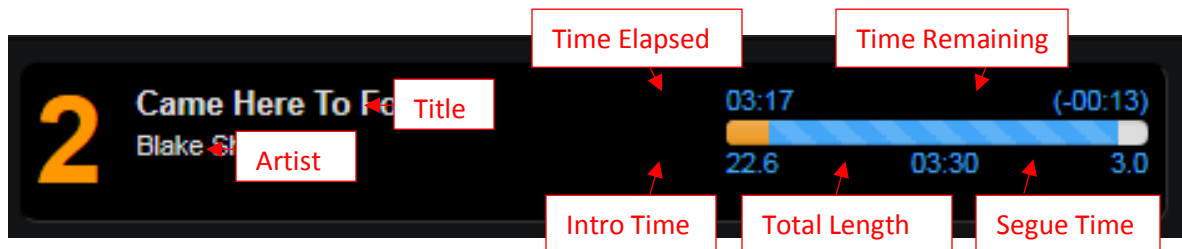
At the top of the screen, you will see 3 playback devices.



*Playback Devices*

The system will use all 3 playback devices to cycle through audio files as the system plays out. Only if a device is currently playing out will the playback device have an indicator of the file playing.

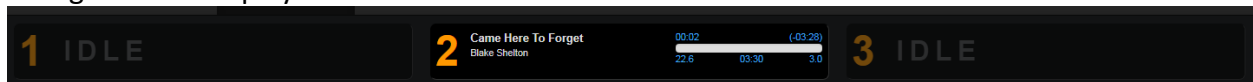
As a file plays, it will display the progress of the file, the total length, the time remaining, the intro time, and the segue point of the file, as below:



*File Information during Playout*

The Playback devices will also indicate the current status, as below:

**IDLE:** Waiting for a file to play on this device



*Normal Device playback, 2 devices IDLE*

**STOPPED:** Someone hit “Stop” and all devices are stopped until someone hits “Play” again.



*Playback Devices “STOPPED”*

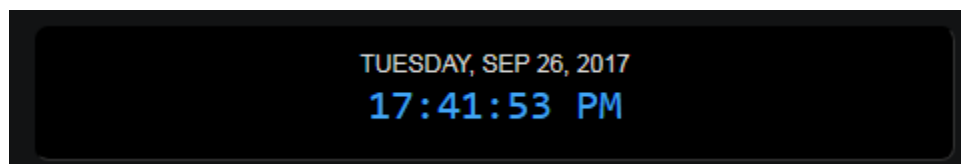
**WAITING:** The devices are waiting for a relay from Automation to begin playback once more.



*Playback Devices “WAITING” for relay*

## Clock:

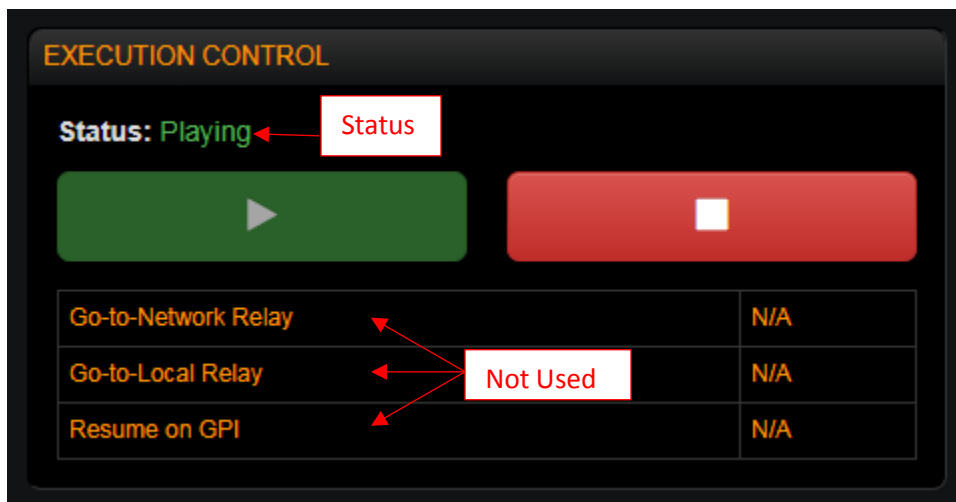
The clock in the upper right of the window will display the current Date and Time (in 24-hour clock in Eastern Time). The system must remain in Eastern Time always.



*On-Screen clock in Eastern Time*

### Execution Control:

On the right-hand side, you will find “Execution Control” functions. This is where you can manually force a stop or a start of the playlist. This includes a status line, a Play and Stop button, and a few pieces boxes which are not yet in use by the system.

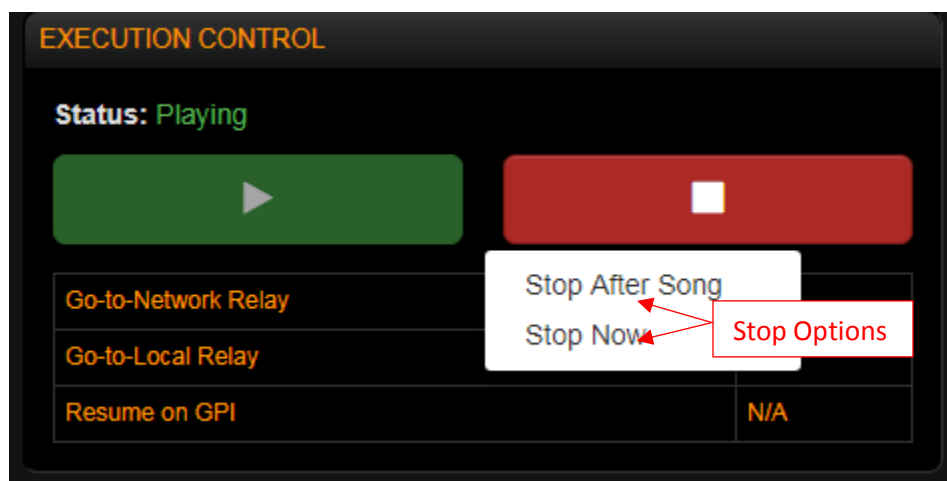


In Normal Operation, while it is playing, the “Play” button is disabled and shaded. This is to prevent accidentally playing two files on top of each other. If the system is in either a “WAITING” period, or a “STOPPED” period, the play button will automatically enable and be ready for your input.

### Stopping the playback:

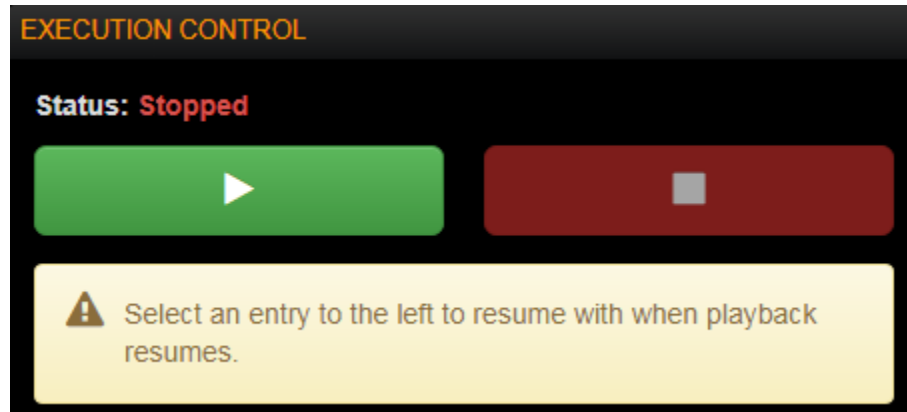
To stop the playback manually, you can hit the “STOP” button. This will provide two different options for stopping the playback:

- 1) Stop After Song – will stop playback after the current element finishes
- 2) Stop Now – will bring audio down instantly



*Stop options*

Once you have selected either “Stop After Song”, or “Stop Now”, the execution control will display the message below.



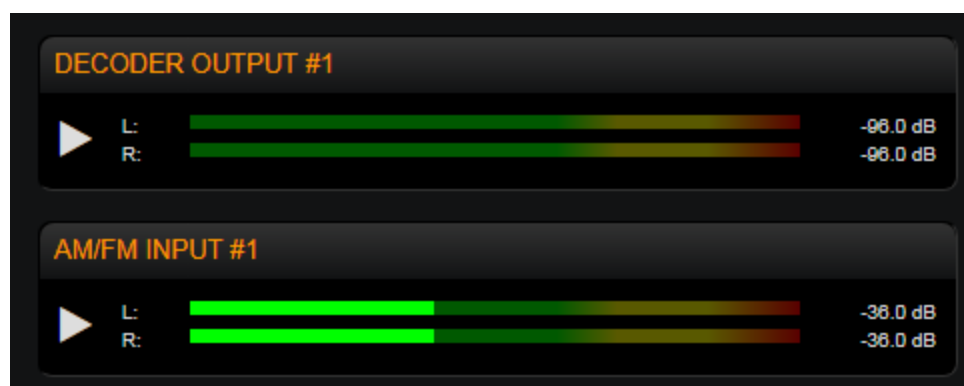
At this point in time, it will play the item in the playlist that is next-to-play, which is indicated by the blinking “Play button” on the log.



*Next-to-Play is Blinking*

## Meters:

The meters on this page work the same way that the meters on the home page work, please see page 6 for specific information.

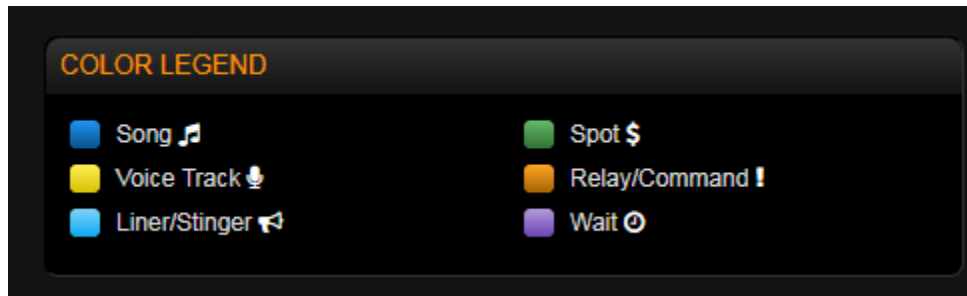


*Meters on MicroCasting Page*



### Color Legend:

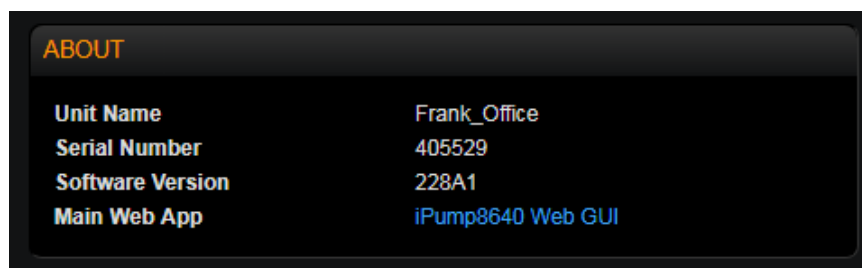
The Color Legend displays the specifics on the color-coded elements in the log.



*Color Legend*

### About:

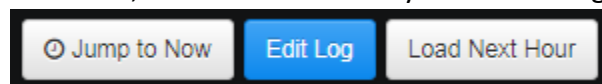
The “About” box simply provides some basic information about the unit and a link back to the home page.



*About*

### Function Buttons:

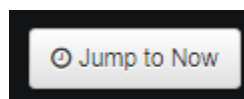
Back in the upper-left portion of the screen, we will find the main functional buttons for MicroCasting. Here is where you will find a couple of shortcuts, and the functionality to edit the log.



*Function Buttons*

### Jump To Now:

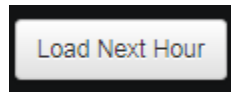
Selecting the “Jump to Now” button jumps the log to the currently playing position, this is helpful if a user was looking several hours ahead in the log, and instead of manually scrolling back up, this will jump you to the current place.



*Jump to Now Button*

### Load Next Hour:

The “Load Next Hour” button will load the next hour into the viewable Window. This is to force load the next hour in the window if the log ends after the current hour (for viewing). Otherwise, the log will automatically load the next hour once the end of the schedule is reached.



*Load Next Hour Button*

Note: If you select “Load Next Hour”, and it does not load the next hour, refresh the browser window and it will appear

### Edit Log:

The “Edit Log” button is the button where the most functionality is saved. This is the button to select if you want to:

- Remove a Song
- Add a song
- Remove Imaging
- Add imaging
- Delete a voicetrack
- Change the sequence of events
- More.

After selecting “Edit Log”, the button changes to display “Done Editing” and changes green, like below. This functionality is protected behind this button to prevent accidental log changes.



Once you have selected “Edit Log”, a few functional buttons will present themselves in the playlist window.



*View of Functional Buttons while Editing*

There are 3 main functions while editing the log:

- 1) Moving Elements
- 2) Adding Elements
- 3) Deleting Elements

### Moving Elements:

To move the sequence of elements, such as to play back-to-back songs, or move a break to a different location in the log, you can put your cursor over anywhere on that line item and drag and drop it to your desired location. For instance, let's take the following sequence of events.

≡ + -	18-0048	▶	Of Red Blake Shelton	00021214	19:02:06	14.0	4.3
≡ + -	18-0049	▶	Replaceable Element	926	19:05:40		
≡ + -	18-0050	▶	Be My Baby Tonight John_Michael Montgomery	00017469	19:05:34	6.0	4.5

If we want to move the Blake Shelton song to after the John Michael Montgomery song, we can simple click on the Blake Shelton song, and drag it below the John Michael Montgomery Song, and it will result in the following:

≡ + -	18-0048	▶	Replaceable Element	926	18:52:06		
≡ + -	18-0049	▶	Be My Baby Tonight John_Michael Montgomery	00017469	18:52:00	6.0	4.5
≡ + -	18-0050	▶	Of Red Blake Shelton	00021214	18:54:41	14.0	4.3

This works for all elements in the log.

### Adding an Element:

If we want to add a new element to the log, we can select the “Plus” function on the left-hand side. The add function always places the element **above** the line you select.



*Add function*

This will create a search and add function above the current line, like below:

**New Log Entry:**

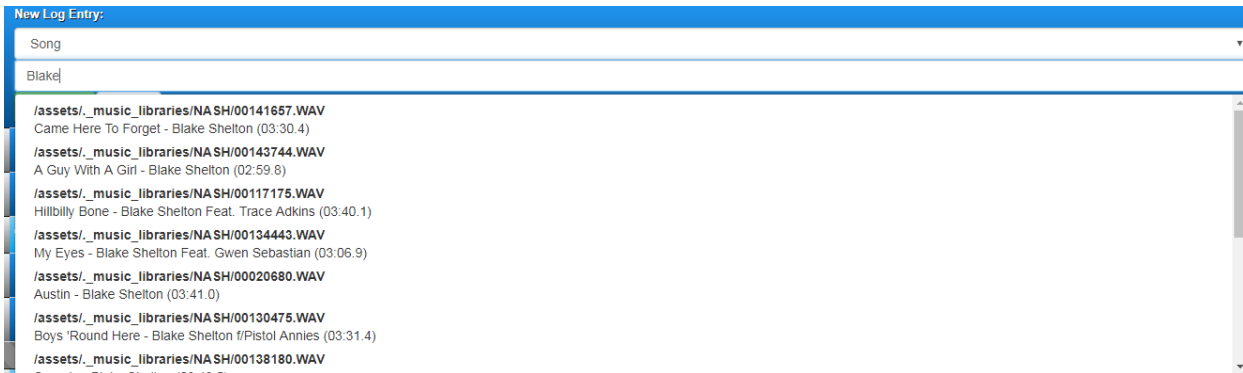
*Search and Add*

You can search for 3 things

- 1) Liner
- 2) Song
- 3) Voicetrack

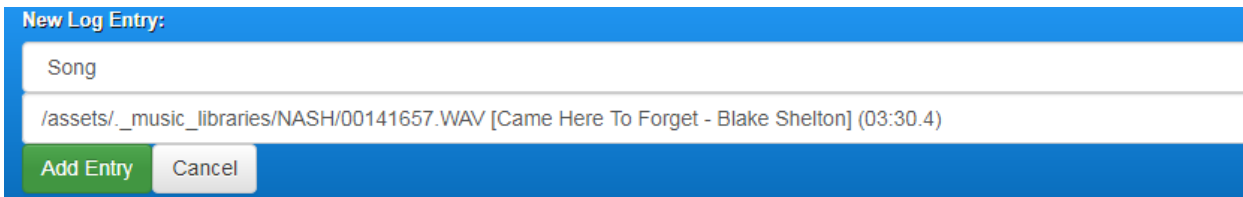
We will show here how to search for and add a song.

Let's say you wanted to add a second Blake Shelton song, so that you can play Blake Shelton back-to-back. In the search and add box, simply start typing either the name of the song, or the artist, and all items matching that string will be displayed in a drop-down.



*Searching for Blake Shelton*

Once you have found the song you would like to add, select it from the drop-down. It will fill the search box with all the information about that song.



*After Selecting "Came Here to Forget" by Blake Shelton*

Once you have the item inserted here, click "Add". And it is now in the playlist.



*Back-to-back Blake Shelton*

### Deleting an Element:

To delete an element completely from the log, select the "Delete" function.

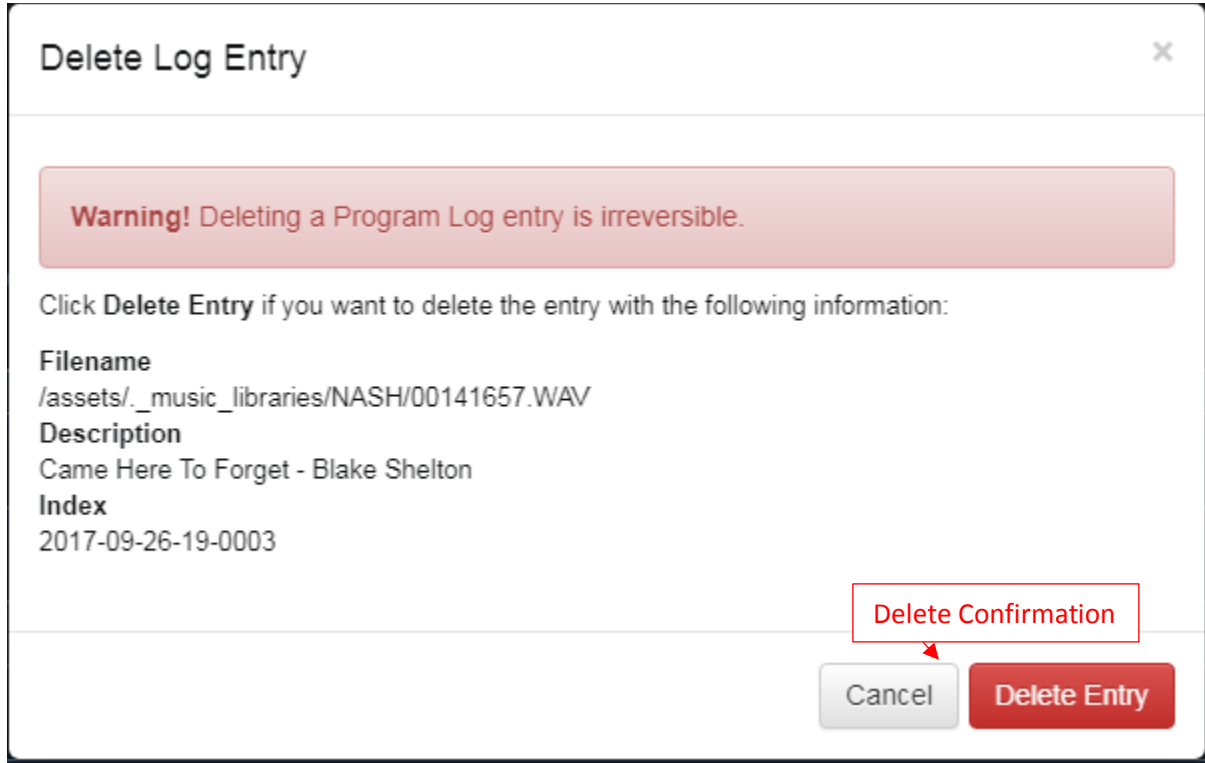


If we wanted to delete the Blake Shelton song we just added, select the delete function on that line.



*Deleting Blake Shelton*

Once you select the delete option, a Window will display requesting confirmation. A deleted item is lost unless added back into the log manually, so a warning is displayed.



*Delete Confirmation Window*

If you are certain you want to remove the element, select "Delete Entry", and it will now be gone from the playback Window.

This covers all the basic functionality of the system, the operations tabs, functions, and execution control.