

Configuring AVAir for use with theradioexperience

THE INFORMATION IN THIS ARTICLE APPLIES TO:

All AVAir and TRE versions

SUMMARY

TRE software processes information sent by an automation system (in this case AVAir) and formats it for use with RDS, HD Radio, and Web applications. AVAir must send Filename, Category, Artist, Title, and Duration. The connection can be either serial or TCP.

TCP/IP (preferred)

- Use if dedicated serial cables are unavailable, or the distances exceed 1000 feet.
- Use if there are insufficient COM ports on either AVAir or TRE PC.
- Use if there are several instances of TRE running on one PC.

COM port

- Use if especially concerned about Internet security issues.
- Use if TCP/IP is not desired on either the AVAir PC or the TRE PC.
- Use RS-232 if the serial cable between the AVAir PC and the TRE PC is no more than 50 feet in length.
- Use RS-422 if the serial cable between the AVAir PC and the TRE PC is no more than 1000 feet in length.
- Use if there are enough spare COM ports in the AVAir and TRE PCs.

To date, TRE has only been tested on a Windows PC. Until Broadcast Electronics has tested other configurations, TRE should be installed on a dedicated PC and should not be installed on the same PC as AVAir.

MORE INFORMATION

Before modifying the **audiovau.ini**, or any other AudioVAULT or TRE file, be sure to make a backup!

AVAir can be configured to send metadata related to the current on-air cut (CurrentEvent) and the next-to-play cut (NextAudioEvent) while in both Live and Auto modes. It's necessary to define the output format, and then add the actual IDD commands into the correct AVAir section in the **audiovau.ini** on the AVAir PC.

It is recommended you copy and paste the lines from this document into the INI to maintain spelling and spacing. If you are unable to extract the text, contact Customer Service and we can email the INI sections to you.

DEFINING THE OUTPUT FORMAT

Add these two lines to the correct AVAir section in the **audiovau.ini**:

```
RemoteEventViewFormat="CutID=%n Type=%c ArtistName=%{Client}F SongTitle=%{Description}F Duration=%D"
```

```
RemoteDeckViewFormat="CutID=%{n}E Type=%{c}E ArtistName=%{Client}F SongTitle=%{Description}F Duration=%{D}E"
```

CONFIGURING IDD COMMANDS: SERIAL

Add these lines to the correct AVAir section in the **audiovau.ini** on the AVAir PC if you will be using a serial link:

```
IDD_Preview1=COM<x>:+Preview:;COM<x>:-\n\r;  
IDD_Preview2=COM<x>:+Preview:;COM<x>:-\n\r;  
IDD_Preview3=COM<x>:+Preview:;COM<x>:-\n\r;  
IDD_Preview4=COM<x>:+Preview:;COM<x>:-\n\r;  
IDD_Preview5=COM<x>:+Preview:;COM<x>:-\n\r;  
IDD_Preview6=COM<x>:+Preview:;COM<x>:-\n\r;  
IDD_Preview7=COM<x>:+Preview:;COM<x>:-\n\r;  
IDD_Preview8=COM<x>:+Preview:;COM<x>:-\n\r;
```

```
IDD_CurrentEvent=COM<x>:+CurrentEvent:;COM<x>:-\n\r;  
IDD_NextAudioEvent=COM<x>:+NextEvent:;COM<x>:-\n\r;
```

COM<x> should be replaced with the COM port you are using to send the data, COM2 or COM3 for example.

CONFIGURING IDD COMMANDS: TCP

Add these lines to the correct AVAir section in the **audiovau.ini** on the AVAir PC if you will be using TCP communication:

```
IDD_Preview1=TCP:+Preview:;TCP:-\n\r;  
IDD_Preview2=TCP:+Preview:;TCP:-\n\r;  
IDD_Preview3=TCP:+Preview:;TCP:-\n\r;  
IDD_Preview4=TCP:+Preview:;TCP:-\n\r;  
IDD_Preview5=TCP:+Preview:;TCP:-\n\r;  
IDD_Preview6=TCP:+Preview:;TCP:-\n\r;  
IDD_Preview7=TCP:+Preview:;TCP:-\n\r;  
IDD_Preview8=TCP:+Preview:;TCP:-\n\r;
```

```
IDD_CurrentEvent=TCP:+CurrentEvent:;TCP:-\n\r;  
IDD_NextAudioEvent=TCP:+NextEvent:;TCP:-\n\r;
```

It is also necessary to define the TCP remote control device by adding this section to the **audiovau.ini** on the AVAir PC:

```
[RemoteControl.TCP]  
DeviceType=SOCKET  
SocketType=Called  
ServiceName=4500
```

The ServiceName is the TCP Port AVAir will use.

Once the **audiovau.ini** has been configured, AVAir must be restarted for the changes to take effect.

For additional information on this topic, please contact Broadcast Electronics Digital Customer Service at 217.224.4700. You can also email specific questions to service@bdcast.com.