



BE TRE

FEATURE

RS232 com port interface to Broadcast Electronic's advanced Data Management system

SOFTWARE VERSION

New~Wave

Version 1.0.2 or later

Date 8-14-2013 or later

Digilink-Xtreme

Windows OS: Windows 7

Version 1.60.0 or later

Date 8-13-2013 or later

Digilink-HD

Version 1.0.1 or later

Date 8-14-2013 or later

INSTALLATION

The automation PC will communicate with the BE TRE system via an RS232 com port connection. An RS232 com port must be assigned for the automation to talk to the BE TRE system. This is done by creating a text file that Xtreme reads for the RS232 setup.

PART 1

To set up an RS232 com port for BE TRE

- 1) create a text file named 'Streaming Comport Setup.txt'
- 2) In the first line in the text file, place the RS232 com port number (i.e- 3)
- 3) In the second line in the text file, place the baud rate (i.e- 9600)
Please note that the baud rate must be the same for both PCs.
- 4) Save the text file into the '\Streaming Services' directory.

A) Digilink-Xtreme

C:\Arrakis\Xtreme\Streaming Services

B) New~wave

C:\NEW~WAVE\Streaming Services

C) Digilink-HD

C:\DHD\Streaming Services

- 5) If the automation is open, restart the automation so that it will read the com port setup



PART 2

It is also necessary to tell the automation to activate the BE TRE interface. This is done by creating another text file. The file needs to have no actual text in it. The automation simply looks for a file with this name. The file is named 'BE TRE enabled.txt' and is also placed in the 'Streaming Services' directory.

- A) Digilink-Xtreme
C:\Arrakis\Xtreme\Streaming Services
- B) New~wave
C:\NEW~WAVE\Streaming Services
- C) Digilink-HD
C:\DHD\Streaming Services

If the automation is open, restart the automation so that it will read the command.

TESTING BE TRE

The automation sends BE TRE a line of text every time a new audio file is played. To make it easier to test the setup, the automation saves the line that it sends to BE TRE in a text file.

The line is located in 'Streaming Services\BE TRE.txt'

- A) Digilink-Xtreme
C:\Arrakis\Xtreme\Streaming Services
- B) New~wave
C:\NEW~WAVE\Streaming Services
- C) Digilink-HD
C:\DHD\Streaming Services

The line should look like:

^Title~Artist~Duration~Category~cutID|

where

- a) the first field is the title of the song
- b) the 2nd field is the artist of the song
- c) the 3rd field (duration) can be HH:MM:SS or MM:SS
- d) the 4th field is the category: C,O or M for Commercial, Other, or Music
- e) the 5th field (cutID) is the unique cart number for the song
- f) the start character is a caret (^)
- g) the end character is a pipe (|)