

Using the Xantech 791-40 Amplified Connecting Block with HomeVision

The HomeVision infrared transmit jack (IR TX) can directly drive the Xantech 791-40 amplified connecting block.

Requires: Cable with 3.5mm mono or stereo plug (mono preferred) on one end, and wires on the other end.

Connections: Plug the plug into HomeVision's IR TX jack. Connect the wires to the 791-40 terminal block as follows:

- For Mono Plug:
- Striped wire (the plug's tip) to "Input".
 - Plain wire (the plug's body) to "Ground".
- For Stereo Plug:
- Red wire (the plug's tip) to "Input".
 - Ground wire (the plug's body) to "Ground".
 - Gray wire (the plug's center ring) is left unconnected.

NOTE: If the wires don't match these descriptions, use an ohmmeter to determine which wires connect to the specified portions of the plug.

WARNING:

DO NOT CONNECT HOMEVISION TO THE 791-40 USING A CABLE WITH 3.5mm PLUGS ON EACH END. THIS COULD DAMAGE HOMEVISION, THE 791-40, AND/OR THE 791-40's POWER SUPPLY.

The 791-40's "Aux" input jack accepts a 3.5mm stereo plug (the body is 12V, center ring is ground, and the tip is the IR TX input). This "Aux" input **cannot** be used with HomeVision for the following reasons:

- If you plug a mono plug into the jack (regardless of whether the other end of the cable is connected to anything or not), **it will short the 791-40's power supply to ground.** It will overheat and may be permanently damaged.
- If you plug a stereo plug into the jack and the other end of the cable into HomeVision, improper operation will result. The cable will connect the 791-40's 12V line to HomeVision's ground, causing significant voltage shifts. The 791-40 may still work erratically and/or its LED may light when HomeVision is transmitting to it, but this setup should never be used.

Refer to Note 5 in the 791-40's installation instructions for more information.
