

Ready2Talk

PA 5AV Installation and Setup Manual

The PA 5AV is extremely versatile as it offers both RCA audio inputs and RCA audio outputs. It can be connected two different ways depending on your need. When connected to the AUX input on a car stereo, it allows the connection of a video player or TV to a factory stereo, or it can be installed between a stereo and an amplifier through the RCA's, which is perfect for Limo or Boat applications where a stereo and amplifier are already installed.

Connecting into stereo AUX Input method with Video Player / TV

Connections

- Connect power and ground (NOTE: the yellow wire is 12V output trigger and is optional)
- Connect the male RCA output on the PA 5AV to the AUX input on the stereo. (Use the included RCA to 3.5mm adaptor cable if required)
- Connect the RCA audio output from the DVD or TV into the female RCA audio input on the PA 5AV.
- The single female RCA is only used with the optional PA RME (rear mic extension), allowing a second mic port.

Testing

- Turn on the vehicle power, PA 5AV and stereo.
- Put stereo into AUX mode.
- Turn on mic and talk, set desired mic level by adjusting stereo volume.

If connected to an external audio input (like DVD player or TV Audio output)

- Turn off mic, start playing DVD / TV, and use the DVD / TV to adjust the desired sound level. (e.g. half volume is loud as normal). If too loud or soft, see "Fine Adjustments" section below to adjust the DVD audio input level.
- Turn on mic, and DVD / TV sound will dim. To adjust the amount of sound dimming, see "Fine Adjustment" section below.

Connections between stereo output and amplifier input

Connections (Basically, the PA 5AV goes between the stereo RCA output and the amp RCA input)

- Connect power and ground (NOTE: the yellow wire is 12V output trigger and is optional)
- Connect the RCA audio output from the stereo to the female RCA input on the PA 5AV. You will need a male to male RCA cable.
- Connect the male RCA output from the PA 5AV to the RCA input on the amplifier. If you are using a 4 channel amp, you'll need RCA Y Adaptors to connect to all 4 x RCA inputs.
- The single female RCA is only used with the optional PA RME (rear mic extension), allowing a second mic port.

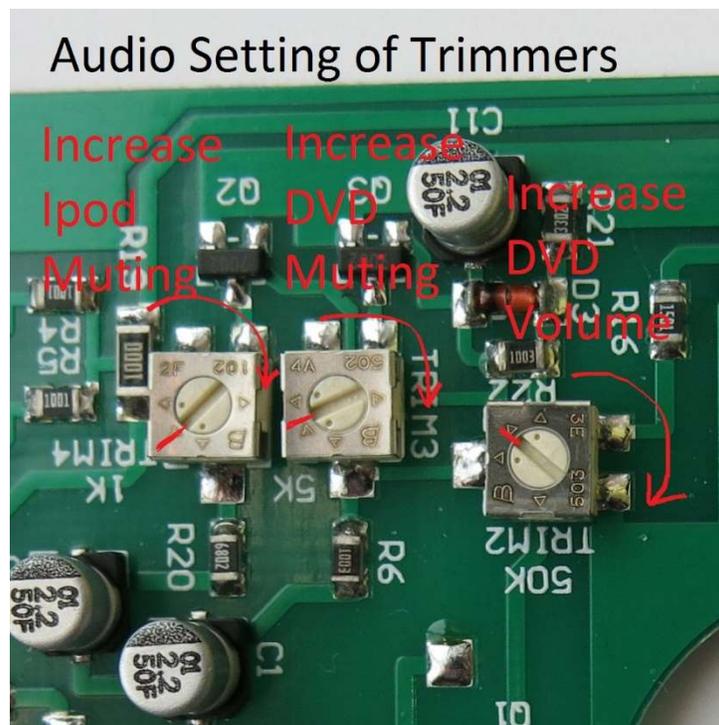
Testing

- Turn on the vehicle power, PA 5AV and stereo, which will activate the amplifier.
- Turn the stereo volume down to the lowest setting so no music is playing.
- **Important!** Set the amplifier input gain to the lowest setting.
- Turn on the mic. Increase the mic gain while talking to the desired microphone sound level.
- Turn off the mic. Turn up the stereo volume and confirm the stereo volume level is acting normal. (e.g. half volume is as loud) If too loud or soft, see “Fine Adjustments” section below to adjust the audio input level.
- Once the stereo volume is correct, turn on the mic, and the stereo volume will automatically dim. To adjust the amount of dimming, see “Fine Adjustment” section below.

Fine Adjustments (if required)

- Remove the 4 screws holding the case together and separate the front from back. On the PC board there are 4 adjustments.
- Mic Gain (not shown) **the mic is set at the lowest setting and DO NOT adjust.**
- RCA Audio Input from the stereo / DVD - it has a swing of .5 to 2V and is factory set at mid-point. (marked as “Increase DVD Volume”)
- Muting Adjustment for the RCA Audio Input - this is factory set at 50% muting. (marked as “DVD Muting”)
- Muting Adjustment for the 3.5mm Front AUX input - factory set at 100% muting. (marked as “Ipod Muting”)

Note: If held like in this picture the wires would be on your left.



If you have ANY questions, please contact us at 1 888 724-5351 or info@ready2talkpa.com

