



USER MANUAL

CP-6, CP-8, CPD-6, CPD-8
In-Ceiling Architectural Speakers

Choosing the Speaker Location

Before you install your speakers you should take careful consideration of their location. Make sure to note the location of lighting fixtures, electrical, plumbing and any other obstructions. If the house was pre-wired at construction time, make sure you know where the speaker cable is located in the wall or ceiling.

Ceiling Placement: When placing your speakers into the ceiling, if possible, they should be mounted above the listening area. Take in consideration furniture locations when finalizing your speaker locations. If the speakers are mounted away from the listening area, adjust the tweeter so it is pointing toward it.

Prep before Speaker Installation

If you're your speakers were pre-wired at construction time, your dealer might have used TRUAUDIO's Rough-in kits (ES & EL series) prior to drywall at each speaker location. (There should also be speaker cable at this location). After the drywall is installed and the hole is cut the speaker is then easily installed. Move on to Speaker Installation.

If the drywall has not been cut please read the following instructions:

Please note, speaker cable should be run to each speaker location prior to speaker installation.

Locate the desired location for the speaker to be mounted. Check the area for obstructions such as plumbing, heating ducts or electrical wiring.

Next, locate the wood studs or joists nearest the desired location. Use the supplied speaker cutout to get the recommended hole dimensions. Position the cutout in the desired location and outline the speaker opening. If you are not sure of possible obstructions, cut a small hole in the center of your outline. This will allow you to check for obstructions. If there are no problems with your mounting location, proceed and cutout the outlined hole.

If the wall or ceiling is not already insulated, we suggest adding insulation, Dacron or some other sound dampening

material. If this material has a foil layer, position the foil away from the speaker magnet.

Swivel Tweeters

The adjustable, swivel tweeter allows you to point the sound towards or away from the listening area, depending on the room design and furniture location. If your model includes this feature, gently push the edge of the tweeter housing to aim the tweeter to the desired area. Be careful not to damage the tweeter during this procedure.

Setting Level Controls

Tweeter Level control: Some models offers level control for tweeter volume. You can use this control to get more or less high frequency. Turn the knob to each setting until you get the desired amount of high frequency. The adjustments are 3dB, 0dB and -3 dB.

Woofer Level control: Some models also offer level control for the bass output of your speaker. Like the tweeter control, you can adjust the bass volume by turning the knob to each setting until you get the desired sound. The adjustments are 3dB, 0dB and -3 dB.

If only two channels (R & L) of your amplifier are driving more than one pair of speakers, TRUAUDIO suggests using the lowest output position for the woofer until you can make sure the amplifier can handle the additional woofer settings.

We also suggest setting your Tweeter levels first and then matching the bass output to get the overall sound you desire.

Speaker Installation

Remove the grill from the speaker frame. If needed, carefully push one or two of the dog ear (mounting legs) mounting screws inward to get the grill off. Attach the speaker wire. Caution: Make sure to observe polarity (positive + to positive + and negative - to negative -).

When hooking up the amplifier connect the right channel of the amplifier to the right channel of the speaker. Do the same for the left channel.



Now, turn all the dog ears in toward the speaker. This will allow the speaker to easily fit into the cut hole. Insert the speaker into the hole making sure to keep the speaker is level. Carefully tighten the mounting screws evenly to secure the speaker.

As you tighten the screws, the dog ear mounting feet will flip into position to grip into the drywall. DO NOT over tighten the mounting screws. Once again, check to make sure the speaker is level. Push on the grill into the grooves in the speaker frame.

Painting the Speaker

If you are going to paint your speakers, we suggest painting them prior to the installation. If you must paint them while they are still in the wall, remove the grill and replace it with the provided paint guards. Then you may proceed and paint the frame of the speakers. When painting the grills, paint them lightly and be careful not to clog the holes. Do not paint the grill while its still on the speaker, paint them separately.

Speaker Specifications

CP-6

Design: 2 way in-ceiling
Woofers: 6.5" polypropylene
Tweeter: 0.75" silk dome, swivel
Power: 5 - 80 watts
Impedance: 8Ω
Frequency Response: 52- 20K Hz.
Sensitivity: 90 dB (1W/ 1M)
Finish Dimensions: 9.5" diameter, 3" D
Cutout Dimensions: 8.13" diameter

CPD-6

Design: In-ceiling, dual voice coil speaker
Woofers: 6.5" polypropylene
Tweeter: (2).75" silk dome, swivel
Power: 5 - 80 watts
Impedance: 8Ω
Frequency Response: 52- 20K Hz.
Sensitivity: 90 dB (1W/ 1M)
Finish Dimensions: 9.5" diameter, 3" D
Cutout Dimensions: 8.1" diameter

CP-8

Design: 2 way in-ceiling
Woofers: 8" polypropylene
Tweeter: 1" silk dome, swivel
Power: 5 - 100 watts
Impedance: 8Ω
Frequency Response: 42- 20K Hz.
Sensitivity: 90 dB (1W/ 1M)
Finish Dimensions: 11.13" diameter, 3.25" D
Cutout Dimensions: 9.75" diameter

CPD-8

Design: In-ceiling, dual voice coil speaker
Woofers: 8" polypropylene
Tweeter: (2) 1" silk dome, swivel
Power: 5 - 100 watts
Impedance: 8Ω
Frequency Response: 42- 20K Hz.
Sensitivity: 90 dB (1W/ 1M)
Finish Dimensions: 11" diameter, 3.2" D
Cutout Dimensions: 9.7" diameter

SoundVision Technologies dba TRUAUDIO

SPEAKER PRODUCT WARRANTY

All in-ceiling, in-wall, in-room speakers and volume controls have a limited lifetime warranty. This warranty includes lifetime parts and repair labor on all components. The warranty extends only to the original purchaser of the product and not to any subsequent owner. TRUAUDIO's obligation under these warranties is limited to repairing or replacing any component found defective in material or workmanship under normal conditions of use with an equal and/or current product. These warranties shall not apply to products which have been abused, modified, or disassembled. Products to be repaired or returned under this warranty must be returned to the factory through an authorized TruAudio dealer with all transportation and insurance charges prepaid.

It is the policy of TRUAUDIO to continuously incorporate improvements into our products. All specifications are subject to change without notice. If you have any questions regarding this or any other TRUAUDIO products, please call 1-888-858-1555, Monday – Friday, 7:00 am – 6:00 pm MST.

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