PHASE TECHNOLOGY

Install instructions for CI round flush mount models:

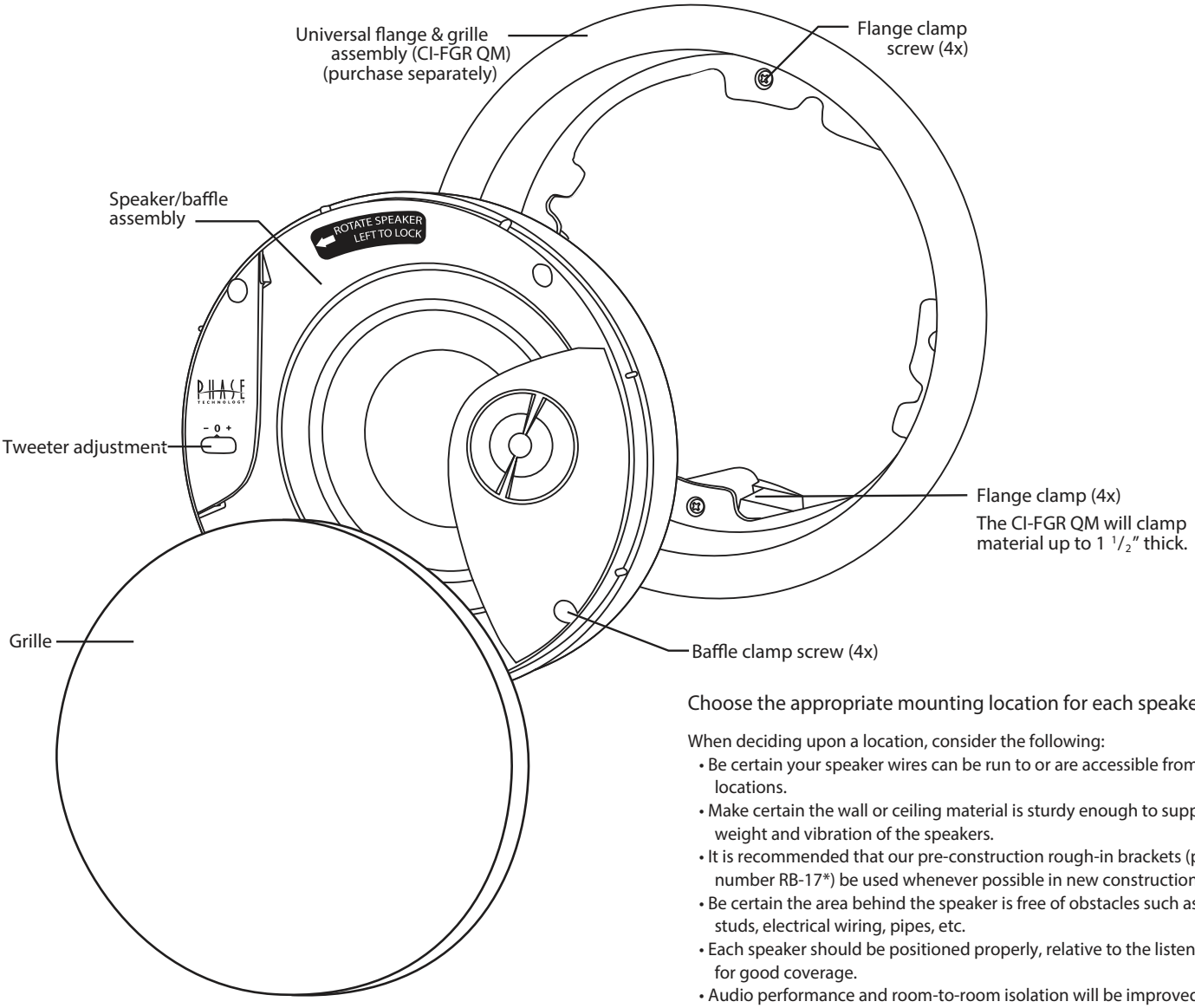
CI-6.0 VIII QM CI-6.1 VIII QM CI-6.2s VIII QM CI-7.2 VIII QM CI-7.3 VIII QM

Thank you for purchasing Phase Technology CI custom installation speakers. This eighth generation of high performance ceiling mounted speakers features the same superb sonic performance as our acclaimed PC Series cabinet speakers in addition to great flexibility and easy installation. The most striking change to the series VIII QM is a new look with the off-axis tweeter design. This feature maximizes the speaker's clarity and imaging by creating an asymmetrical loading or diffraction patter, reducing the amount of diffraction normally caused by a flange-to-ceiling junction.

The net result is the best sonic realism you can buy in an in-ceiling speaker. All CI series speakers include self-resetting solid-state PTC protection circuits. This unique system is able to detect when the speaker is being over-driven and lowers the speaker volume until the problem is corrected. Other features include liquid-cooled tweeters for greater power handling, moisture-resistant materials in all of the critical speaker components, galvanized steel speaker grilles and stainless steel hardware for improved corrosion resistance.

The CI VIII QM in-ceiling series incorporates a new patent-pending CI-FGR Quick Mount QM SAFETY-LOC™ mounting system. No longer will you have to suffer through holding the speaker in place overhead while tightening the screws. The breakthrough comes from a newly developed system of clamps that engage to hold the speaker in the flange while you safely tighten the clamps with a screwdriver. The new QM SAFETY-LOC™ system makes installation of the CI VIII QMs the easiest you've ever done.

All Phase Technology CI speakers are covered by a limited lifetime warranty (see warranty card).



Choose the appropriate mounting location for each speaker.

When deciding upon a location, consider the following:

- Be certain your speaker wires can be run to or are accessible from these locations.
- Make certain the wall or ceiling material is sturdy enough to support the weight and vibration of the speakers.
- It is recommended that our pre-construction rough-in brackets (part number RB-17*) be used whenever possible in new construction.
- Be certain the area behind the speaker is free of obstacles such as wall studs, electrical wiring, pipes, etc.
- Each speaker should be positioned properly, relative to the listening area for good coverage.
- Audio performance and room-to-room isolation will be improved if there is some fiberglass insulation placed loosely behing the speaker.

*The RB-17 rough-in bracket is available for installations in new construction.

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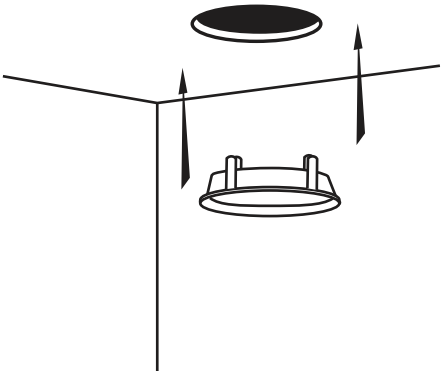
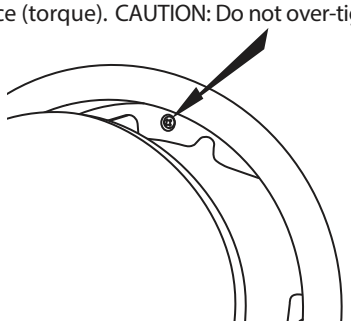
Flange Installation:

1. Using the supplied cutout template, carefully mark the area to be cut out. Using a drywall knife or saw, cut a hole in the drywall and prepare the speaker wires for connection to the speaker terminals.



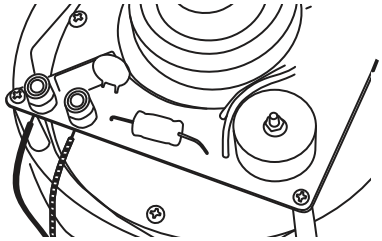
2. Remove the grille from the mounting flange by pressing it from behind. Insert the mounting flange into the hole. Loosen the flange clamping screws one turn (counter clockwise) to release the clamp. Next, tighten all four flange clamp screws evenly to secure the flange to the wall. It is best to tighten each screw with the same amount of force (torque). CAUTION: Do not over-tighten.



Speaker Installation:

3. Connect the speaker wires to the spring-loaded input terminals on the rear of the speaker, making sure no loose strands are exposed. If connecting the CI-6.2s VIII QM, see wiring options below.

⊕ Red/positive ⊖ Black/negative

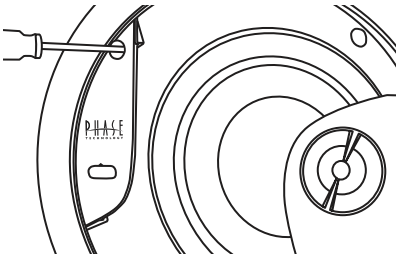


4. Carefully place the speaker in the flange. While exerting upward pressure, rotate the speaker until it fits snugly and the speaker surface is even with or slightly recessed into the surface of the flange. Twist the speaker counter-clockwise (left) to secure it in place. This will engage the QM SAFETY-LOC™ clamps on the back of the flange. Finish by tightening the four clamp screws on the speaker. CAUTION: Do not over-tighten.

QM SAFETY-LOC™ Clamp

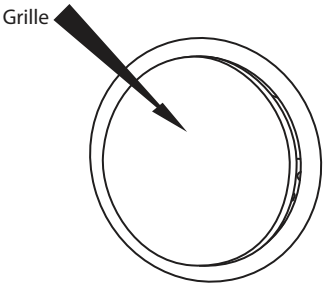
NOTE: Special instructions for non-QM Flanges

If you are installing a CI round speaker with the QM clamps in a CI-FGR (non-QM flange) remove the QM clamp feet by unscrewing them from the speaker baffle. Insert the speaker baffle into the flange and reuse the screws from the clamp feet to attach the speaker to the flange.



5. Using some familiar source material, listen to the tweeter's balance with the level control in each of its three positions to find your favorite.

6. Carefully replace the grille by pressing it into the gap between the flange and the baffle. Enjoy your new Phase Technology speakers!



Wiring options for the CI-6.2s

Stereo FIG. 1 – 8 ohms: Use this configuration to drive one channel (left or right) of a stereo pair. Set jumper plugs in the stereo position. Connect the right or left signal wire to the right set of terminals on the rear of the speaker.

Stereo Point Source FIG.2 – 8 ohms: Use this configuration to combine left and right channels for full fidelity sound from a single loud-speaker stereo source. Set jumper plugs in the stereo position. Connect right and left signal wires to the spring-loaded terminals on the rear of the speaker.

Mono/S tereo FIG.3 – 4 ohms: Use this configuration to drive one channel (left or right) of a stereo pair with a 4 ohm speaker load. Set jumper plugs in the mono position. Connect the right or left signal wire to the left set of posts on the rear of the speaker. Acoustic output of the speaker is increased by 3 dB in the configuration.

Bi-pole/Di-pole FIG.4 – 4 ohms: Use this configuration for home theater surround applications. For bi-pole mode, connect as in the Mono/ Stereo instructions (FIG.3): one speaker to each surround channel. For di-pole mode, connect speaker inputs the same as Mono/ Stereo instructions (FIG.3), but reverse the + and – connections of the marked tweeter wires to put one of the tweeters out of phase.

FIG.1 Jumper Plugs stereo position

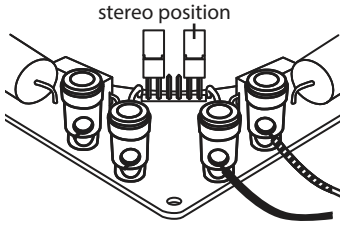


FIG.2 Jumper Plugs stereo position

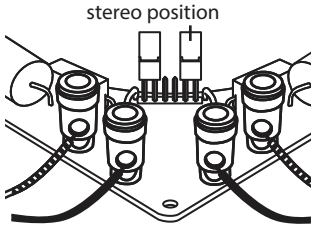


FIG.3 Jumper Plugs mono position (Bi-pole/di-pole)

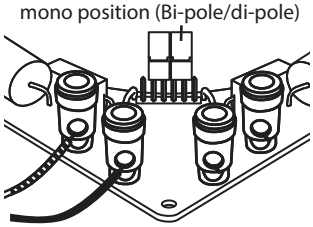


FIG.4