

CIW Series High Fidelity In-Wall Speakers

Thank you for selecting Posh high-performance chambered in-wall loudspeakers. Posh has gained an enviable track record providing professionals with audiophile-quality speakers for commercial and residential installations.

Tools Needed

These instructions are for installing Posh CIW 6.5 and CIW 6 62 speakers into conventional gypsum drywall "wallboard" such as that found in most residential ceilings and walls. The process is extremely easy and requires a minimum of tools.

- **PENCIL** for marking around the template
- **UTILITY KNIFE** or hole saw for cutting speaker holes
- **WIRE STRIPPER** for preparing speaker wires
- **PHILLIPS-TYPE SCREWDRIVER**
- **"STUD FINDER"** (optional)

Quick-Start Fast-Track "Express" Instructions

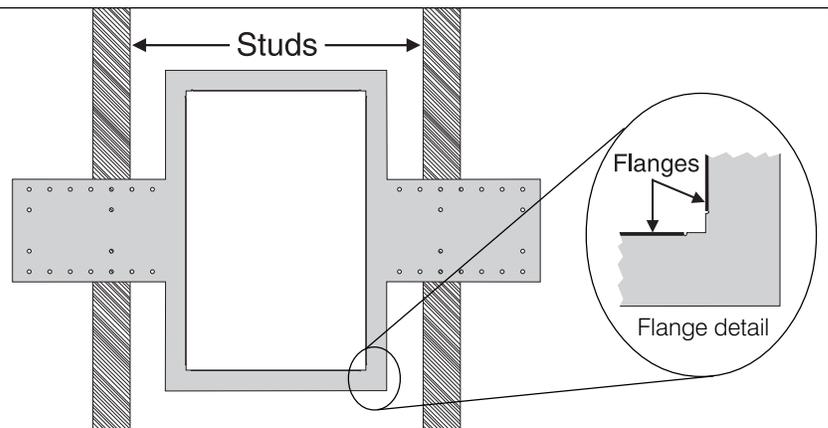
We urge you to read through this Installation Guide carefully. However, if you're an experienced home handy person or just impatient, here's the short version:

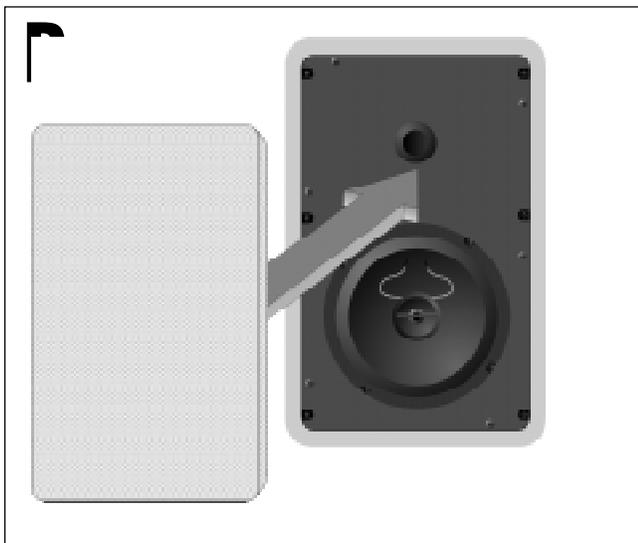
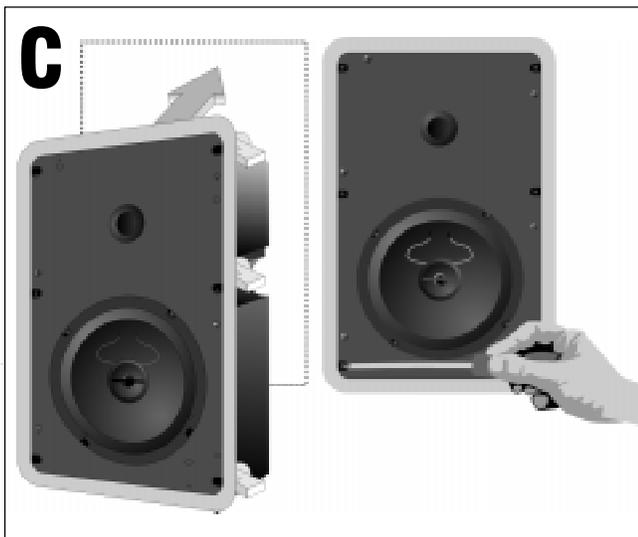
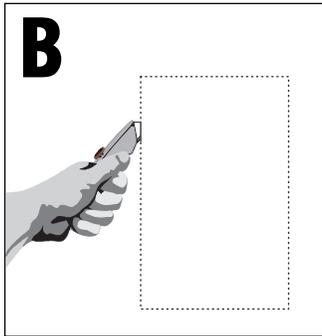
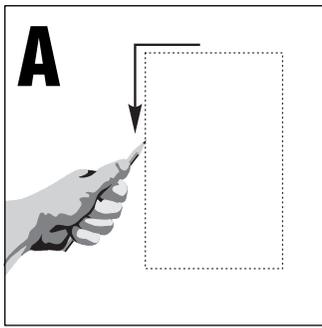
1. **Select the speaker location, checking for wall stud or ceiling rafter position and location of electrical and plumbing conduits.**
2. **Mark cut-out hole outlines with the included cardboard template.**
3. **Cut holes in the wall or ceiling.**
4. **Run speaker wire and connect to the chamber**
5. **Install the chamber assembly.**
6. **Secure the speaker baffle with included screws.**
7. **Press on the speaker grille covers.**

STEP-BY-STEP INSTRUCTIONS

Rough-in/ new construction installation

Position the rough-in bracket against studs as shown in this illustration. Make sure the bracket is level and the flanges face out, away from the studs (as shown in detail in drawing). Attach the bracket to the studs using sheetrock screws or nails.





1. Determine where you want to install your Posh speakers. We have included some suggestions further on in this installation guide (see SPEAKER POSITION SUGGESTIONS)
2. Place the CIW Series mounting template where you want your first hole.
3. With one hand, hold the template in place. With the other hand, use a pencil to trace the outline of the cutout onto the wall behind (see DRAWING A, next page).
4. Remove the printed template.
5. Repeat steps 2, 3 and 4 to mark the cut-out hole for your second speaker. If you're installing Posh CIW Series speaker in walls, we recommend that both speakers be at the same height (see SPEAKER POSITION SUGGESTIONS farther on in this guide).
6. Cut through the drywall following your pencil outline (see DRAWING B). In most cases, several successive cuts with a sharp utility knife should cut fully through the wall or ceiling surface. You may also make the holes with a small cut-out saw such as a Rockeater™ or Stanley Short Cut®.
7. Remove the cut-out material from the holes.
8. Prepare your speaker wire by removing 3/8" of insulation from the end of each conductor (see CONNECTION SUGGESTIONS further on in this manual). Twist the conductor's strands so that they are in a tight bundle, as shown here:



9. Route the speaker wire through your wall or ceiling and out through each drywall cutout.
10. Examine your speaker wire closely. Look for a difference in markings on the wire's two conductors. Depending on the type of wire, one conductor may have a white strip or a series of grooves on it. If the wire has clear insulation, one side will be copper-colored and the other silver. One conductor of high-quality "audiophile" wire may actually be marked with a series of "+" marks.
Your objective is to be able to tell one conductor from the other.
11. Locate the connector terminals on the top of each Posh CIW Series speaker enclosure. Note that one terminal is marked with a black dot and the other with a red dot.
12. Connect the speaker wires to the Posh CIW Series speaker terminals by pushing down on the spring-loaded terminal to expose the opening for the wire. Insert wire and release spring.
 - **IMPORTANT: On each speaker, connect the same conductor to the same speaker terminal.** For example, if you're using speaker wire with one copper-colored conductor and one silver conductor, connect the copper conductors to the terminals marked by a red dot on each Posh CIW Series speaker.
 - This was the point of being able to tell the wire's two separate conductors apart. The key is to connect like conductors to like terminals. This maintains proper speaker phasing and optimizes bass output.

13. Tug lightly on the speaker wires to make sure that the terminal connection is secure.
14. Press the Posh CIW Series speaker system into each hole to test the fit. If it won't go in, enlarge the hole slightly.
15. When the baffle assembly fits into the hole, press it firmly against the wall surface and tighten the 6 integral mounting screws.
 - Use a Phillips-style screwdriver and turn the screws clockwise until they feel tight (see DRAWING C).
 - The mounting tabs on the back of the collar have rotated out to grip the inner side of the wallboard. Additional tightening snugs the tabs down tightly to the rear drywall surface. Don't over-tighten the screws.
16. Press on the protective speaker grille until it fits securely (see DRAWING D).
 - The grille may be painted with latex or oil-based paint to match your room decor. Remove the grilles first and make sure that the paint does not block the holes in the grille mesh.
17. Make sure your stereo receiver or amplifier is turned OFF.
18. Connect the other ends of the speaker wires to the speaker terminals on the back of your stereo receiver or amplifier.
 - **IMPORTANT: As with the speakers, connect the same individual conductor to the same speaker terminal on your amplifier.** For example, if you're using speaker wire with one copper-colored conductor and one silver conductor, connect the copper conductors to the RED receiver/amplifier speaker terminals. Once again, the objective is to hook like conductors to like terminals to maintain proper speaker phasing and optimal bass.
19. Turn on your stereo receiver or amplifier.
 - Select a music source and make sure that the correct Speaker Outputs have been selected.
 - Slowly turn up the volume control on your stereo receiver or amplifier.

You should hear sound from both Posh CIW speakers.

Troubleshooting

- If you don't hear sound, first confirm that your stereo is actually putting out sound by connecting another set of speakers or switching the Speaker Output Selector.
- Next, check the speaker connections on the back of the stereo.
- Finally, remove the grille on the Posh CIW Series speakers, unscrew the speaker mounting screws and check that the speaker wires are securely connected.
- If all else fails, consult the dealer where you purchased your Posh speakers, or call us direct at **800-841-8501** Monday through Friday, 9am to 5pm Pacific Time.

NOTE: CIW-6.5 speakers are designed to handle a maximum of 65 watts. CIW-62 speakers are designed to handle a maximum of 100 watts. Exceeding these ratings for sustained periods can result in damage to your loudspeakers that is not covered in the Limited Warranty (not to mention damage to your ears). If you're not sure of your stereo receiver's maximum rated output, consult its Owner's Manual.

Speaker Position Suggestions

Posh CIW Series High Fidelity Loudspeakers have many applications. You may use them as your primary stereo speakers, as rear surround-sound sources, or for background music throughout your home.

If you're mounting CIW Series speakers in a wall for use as your primary stereo speakers:

- Mount them on the same wall.
- For best stereo separation, mount the speakers approximately 8 to 10 feet apart.
- Mount them slightly above the ear level of seated listeners for best treble fidelity.

When using CIW Series speakers as rear surround-sound sources, you can place them:

- In the rear walls behind your main seating area.
- In the side walls to the left and right of your main seating area.
- In the ceiling above and slightly behind the seating area.
- In any of these cases, make sure to maintain as much separation as possible between the two speakers. If you're mounting CIW Series speakers in a ceiling to play background music, you'll get the best results by positioning them over seating or work areas. Separate the speakers as much as possible for best stereo separation—for example, on opposite sides of a room.

For more detailed information on placement of rear speakers, consult the Owner's Manual of your surround-sound receiver; different types of surround-sound decoding may benefit from different placements.

Connection Suggestions

Wire type. Use multi-stranded speaker wire no thinner than 14 or 16 gauge. For best results—and especially for extremely long wire runs—we recommend high-quality speaker cable available from the dealer where you bought your Posh CIW Series speakers.

Wire length. Though your in-wall speaker mounting positions may be different from your stereo receiver, try to make the wire lengths the same for both speakers. Coil up excess wire inside a wall or ceiling if necessary.

Wire routing. When running speaker wire through walls, avoid direct contact with electrical wires that are already in place. Keeping your speaker cables at least

a foot from any wiring will reduce the possibility of audible humming caused by induction.

If you're not remodeling, you're faced with how to get the speaker wires inside the walls. A common method for "hiding" speaker wires in walls is to run them along the room's perimeter baseboards. (If your room is carpeted, it may be possible to actually shove the wire into the crack between the carpet and the bottom of the baseboard molding.) Punch a small hole in the dry-wall, close to the floor and directly below the speaker hole. Insert the speaker wire. Use an un-bent coat hanger or other method to "fish" the wire up through the space inside the wall and out the mounting hole.

POSH CIW SERIES SPEAKER LIMITED WARRANTY

WARRANTY PERIOD: 5 (five) years

Until you return the enclosed warranty registration card, there will be no coverage under this Limited Warranty. The Warranty Period begins from the date of the first consumer purchase from an Authorized Posh Speaker Systems Dealer. This Limited Warranty is not transferable.

WHAT IS COVERED

This Warranty covers defects in materials and workmanship only. This Limited Warranty does not extend to: (1) cosmetic damage; (2) damage caused by shipment; (3) damage caused by accident, abuse, misuse or failure to install the CIW Series speakers in a manner as set forth in this Installation Guide; (4) failure resulting from use contrary to that set forth in this Installation Guide.

WHAT YOU MUST DO TO OBTAIN WARRANTY SERVICE

In the event that your CIW Series loudspeakers require service, first contact the Posh Speaker Systems dealer where you purchased the speakers. If they are unable to resolve your problem, call Posh Speaker Systems toll-free at 800-841-8501, Monday through Friday 9am to 5pm Pacific Time, or fax us at 206-842-0494. You will receive instructions on how to return your speakers for warranty service.

Initial shipping costs may not be paid by Posh Speaker Systems at our discretion. However, return shipping will be prepaid if repairs are covered by the scope of this Warranty. **Do not send speakers to Posh for repair unless you have first contacted us via telephone or fax.**

Posh Speaker Systems Shipping Address

7865 NE Day Road West, Building C
Bainbridge Island, WA 98110

LIMITATIONS OF IMPLIED WARRANTIES

ALL IMPLIED WARRANTIES FOR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE WARRANTY PERIOD UNLESS OTHERWISE PROVIDED BY STATE LAW.

EXCLUSION OF CERTAIN DAMAGES

IN NO EVENT SHALL POSH SPEAKER SYSTEMS, BE LIABLE FOR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH MAY RESULT FROM THE FAILURE OF THIS PRODUCT. IF YOUR POSH CIW SPEAKERS PROVE DEFECTIVE IN MATERIAL OR WORKMANSHIP, THE LIABILITY OF POSH SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT, AT THE OPTION OF POSH, OF ANY DEFECTIVE PART.

STATE LAWS MAY DIFFER

SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY MAY LAST, AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR DO NOT ALLOW CERTAIN LIMITATIONS SET FORTH IN THIS WARRANTY, SO THE ABOVE LIMITATIONS MAY NOT APPLY. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

OTHER IMPORTANT PROVISIONS

Posh speaker Systems, reserves the right to make changes in design and improvements in its products without the responsibility of installing such changes on products previously sold by Posh. We suggest that you attach your purchase receipt to this Warranty/Installation Guide and keep both documents in a safe place.

The preceding warranty is exclusive to the United States, its territories and possessions. Please see your authorized Posh dealer or distributor for the correct warranty information in your area or locale.

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The logo for Posh Speaker Systems, featuring the word "posh" in a bold, lowercase, italicized sans-serif font.

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