

INSTALLATION GUIDE



In-Wall Subwoofer C 1002



PARASOUND®

www.parasound.com

Unpacking and Inspection

Carefully unpack your Parasound loudspeaker. Each carton contains the following:

Qty Description

- 1 Baffle and speaker assembly
- 1 Metal grill
- 1 Metal mounting bracket
- 4 Mounting bolts
- 1 Paint shield
- 1 Cardboard mounting template

Be sure to carefully inspect these parts for signs of shipping damage. If you notice any damage, contact your Parasound Dealer immediately.

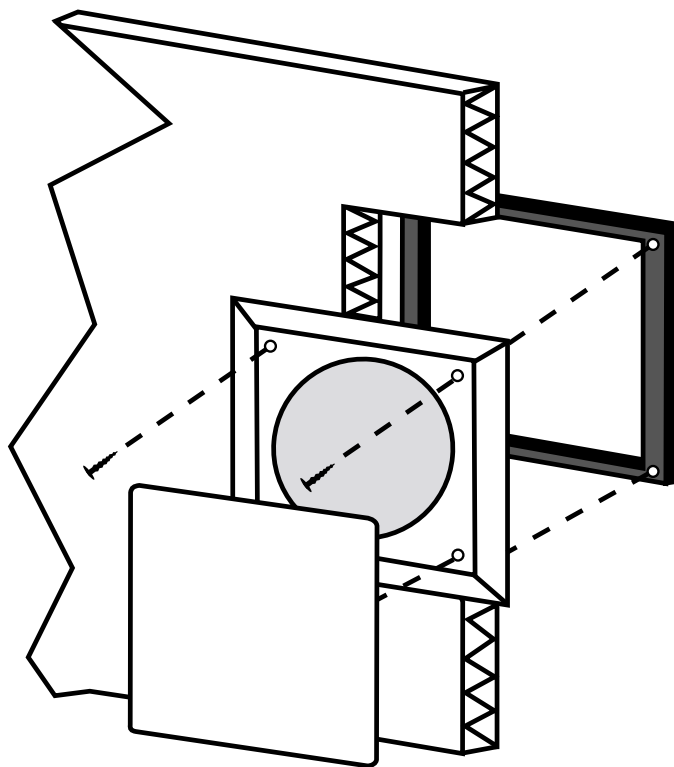
Before You Start

If you have any doubts about your ability to properly install these loudspeakers, you should consider the services of a custom installer before you start cutting into walls or ceilings.

Parasound in-wall and ceiling speakers mount into standard 4 inch deep stud walls. Determine the final locations for all speakers before cutting the first hole, since the position of each speaker may affect the others, either aesthetically or acoustically. Check for pipes, house wiring, or other items inside walls that might be damaged when you cut holes.

Installation Instructions

1. Reconfirm that there is clearance between each edge of the planned cutout and wall studs or floor joists.
2. Fasten the supplied cardboard template to the wall or ceiling with tape or thumbtacks. Use either the inner or outer section of the template, whichever is easier for you. Hold a level against the edge of the template to insure the cutout will be parallel to the ceiling or floor. Trace the cutout guide with a pencil.
3. Before making the final cutout, make a smaller "test cutout" in the center of the penciled outline. Reach inside the test hole to verify that there are no obstructions.
4. Score the drywall with a razor knife and use a keyhole saw to complete the cut. Remove debris from the exposed edge of the wall or ceiling.
5. Secure the speaker wire to a wall stud adjacent to the cutout to prevent its weight from pulling it loose from the speaker terminals. This also keeps the wire from dropping behind the wall before you connect it.
6. We recommend that you install sound-absorbing material such as ceiling insulation behind the woofer to reduce sound transmission into the adjoining room. Sound leakage from behind the molded frame can be blocked with foam weather-stripping applied to the rear surface of the speaker bezel.
7. Remove the metal grill from the frame. Insert the 4 long bolts through the holes in the frame. Thread each one a few turns into the corresponding hole in the metal mounting bracket.
8. Route the speaker wires through the metal bracket and attach them to the terminals on the driver. Hold the speaker up to the wall and slip the metal bracket behind the wall.
9. Tighten the 4 bolts evenly and make final adjustments so the frame isn't tilted just before fully tightening them.



Painting the C 1002

You can paint the speaker frame when painting the wall. Make sure to insert the transparent paint shield first to protect the driver and baffle. You can also paint the grill. Before painting, remove the white masking material which is attached at the corners on the rear side of the grill. If you don't remove this, paint will get stuck and block the sound.

When you paint the grill, blow lightly against the grill to prevent paint from clogging the perforated holes. Reattach the white material after the paint is dry.

Frequency Response	25 Hz - 120 Hz +/- 4 dB
Nominal Impedance	8 ohms, Each Channel
Minimum Impedance	6 ohms, Each Channel
Sensitivity 1 Watt/1 Meter	89 dB
RMS Power Range	10-200 Watts, Each Channel
Driver Size	10"
Driver Size (metric)	25.4 cm
Driver Cone Material	Plasticized Non-Pulp Paper
Driver Surround Material	Butyl Rubber
Driver Magnet Weight	70 Ounces (2.07 Kilograms)
Driver Magnet Material	Ferrite, With Vent

Dimensions

Minimum Depth	3½" Behind Front Surface Of Wall
Minimum Depth (metric)	88 mm Behind Front Surface Of Wall
Hole Cut-Out	10 ⁵ / ₈ " x 10 ⁵ / ₈ "
Hole Cut-Out (metric)	270 mm x 270 mm
Outer Frame	12" x 12"
Outer Frame (metric)	304 mm x 304 mm
Height	1½" Above Front Surface Of Wall
Height (metric)	8.5 mm Above Front Surface Of Wall



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