



INSTALLATION **MANUAL**

Solid Drive Transducer

1. Cut a rectangular opening in the wall.

For installing the solid drive mounting bracket into existing drywall, first cut a rectangular opening in the drywall. The minimum recommended opening size is approximately fifteen inches tall and beyond the width of the adjacent wall studs to help attach the mounting bracket and help in feathering the drywall back in and getting the drywall to meet at the seams (Figure 1). This will allow proper distribution of sound and the solid drive will function with optimum performance.

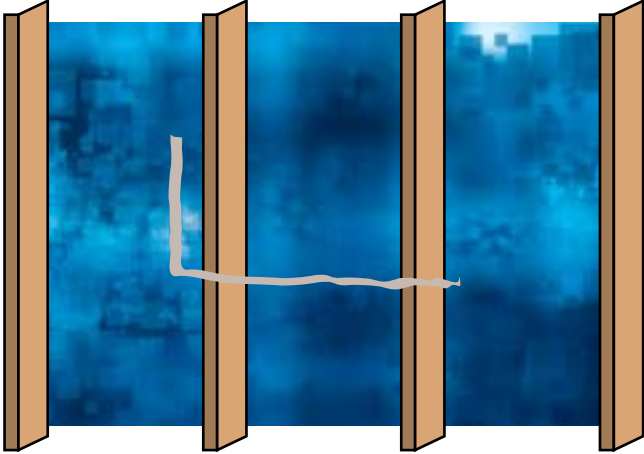


figure 1. Cut an opening large enough to install the mounting bracket.

2. Attach the mounting bracket to wall studs or ceiling joists.

Place the mounting bracket between the wall studs or ceiling joists and secure with two, 1 3/8" drywall screws. Insert the screws through the 2 pre-drilled holes in each flange and screw them into the face of each wall stud or ceiling joist (Figure 2). The drywall screws need to be driven flush with the surface of the flange so that the drywall sets flush on the bracket flange.



figure 2. Cut an opening large enough to install the mounting bracket.

3. Install the speaker into the mounting bracket

Feed the solid drive cable through the round opening in the face of the mounting bracket. Insert the solid drive through the same opening with the oversized mounting base facing outward toward the side that the drywall will be in-stalled and flush against the bracket face. Align the pre-drilled holes in the mounting base to the threaded holes in the bracket face (Figure 3). Attach the solid drive securely to the mounting bracket using the 4 Phillips flat head machine screws.

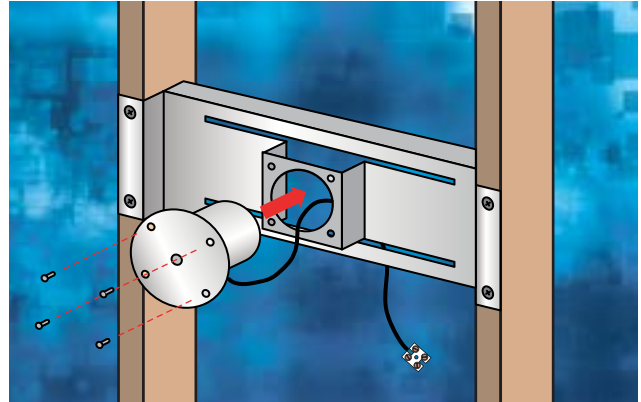


figure 3. mounting bracket attached to studs.

4. Make the electrical connections.

Make the electrical connection between the solid drive and the speaker cable using the Eurostyle connector attached to the end of the speaker audio cable. The polarity of the wiring is clearly indicated (Figure 4).

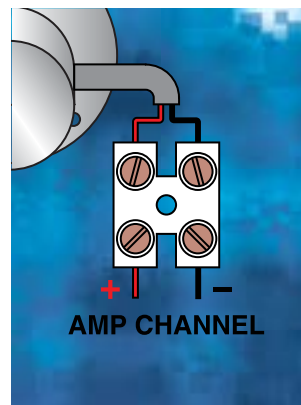


figure 4. Eurostyle connector

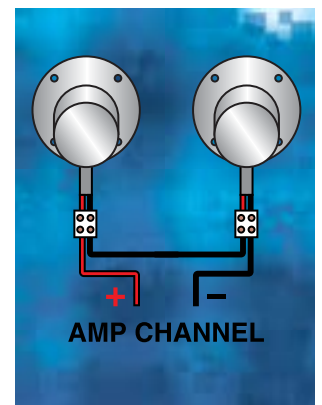


figure 5. solid drive wired in series

5. Apply adhesive to the dry-wall surface and the base of the solid drive.

If possible, position the drywall panel so that the solid drive is at the center of the panel or as far from the edge of the panel as possible. This will allow proper distribution of sound and the solid drive will function with optimum performance. Prior to mounting, take measurements of the new drywall panel to determine the exact area that will come in contact with the base of the solid drive and spray that area liberally with the 3M® Super 77 contact spray adhesive.

6. Re-install the drywall cutout.

For re-installing the rectangle drywall panel that was cut out to install the solid drive it is important to create a uniform seal between the cut drywall and the existing drywall. This will allow proper distribution of sound and the solid drive will function with optimum performance. Apply fast setting joint compound, not vinyl based, between the cutout section and the existing drywall panel, making sure to fill the crack completely with mud then proceed with the normal mud and tape routine.

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