



13. Using proper termination (saddle clamp) secure the wire to the enclosure.

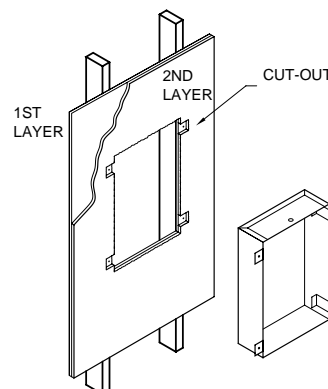


14. Now you are ready to install the enclosure into the framing and secure it using the 1-inch drywall screws provided.



## 2.7 Installing the PBB4 or PBB6 in existing double layer gypsum wallboard construction.

1. On the second, or outside layer of gypsum wallboard (GWB), determine the location of the loudspeaker installation by referring to steps 2.8.1 – 2.8.7.



2. Cut out and remove the traced areas *only* on the second or outside layer of GWB.

Install the PBB4/6 so that the mounting tabs rest on the first or inside layer of GWB.

**NOTE:** The adjustment screws in both the PBB4/6 will accommodate a finish thickness of 1/2" through 5/8". If the distance from the front of the PBB4/6 mount tabs to the final finish surface is greater than 5/8", shims made of wood or GWB scrap must be placed between the studs or framing and the mounting tabs prior to securing it to the studs.

## 3. INSTALLING THE LOUDSPEAKER

### 3.1 Installing the loudspeaker into PBB4 and PBB6 enclosures.

1. Using a utility knife, make a bevel cut and trim up the edges of the dry wall, this will keep the paper skin of the dry wall from rolling up when sanding.
2. Remove the corrugated cover from the enclosure and tuck in the fiberglass insulation behind each of the brackets located inside the enclosure.



3. Retrieve the rubber springs and note that they have been partially pre-cut by the factory to accommodate the different thickness of dry wall. You will need to tear off this piece if 1/4 or 1/2-inch dry wall is being used.



4. Install the rubber springs onto the four mounting brackets.



5. Before placing the metal washers on the Allen screws, use a rag to clean the threads so that the screws are free from any dirt. This procedure will make screws less likely to cross-thread.
6. Now strip the audio wires and connect them using 16 gage wire nuts or solder. Check for line for continuity with an audio signal from the source.



7. After you have connected the wires, place the loudspeaker into the enclosure and insert the Allen screw through the hole in the speaker assembly, through the spring rubber and into the threaded fastener in the PBB. Use the key wrench provided to tighten up the four Allen screws.



8. Tighten down the screws just enough to hold the speaker in the enclosure.
9. Check the gap between the inside lip of the enclosure and the loudspeaker, if the gap is greater than a 1/4 inch, fill the gap with silicone sealant. This procedure will keep the joint compound from forming inside the enclosure and possibly breaking loose causing rattles or buzzing to occur.

Take Care to insure that the RTV Silicone Sealant does NOT Get on the surface of the loudspeaker.



- 10 Cut out and remove any loose pieces of dry wall that you find.
- 11 Remove corrugated cover on the enclosure and adjust the four Allen screws so that the surface of the loudspeaker is flush with the dry wall.

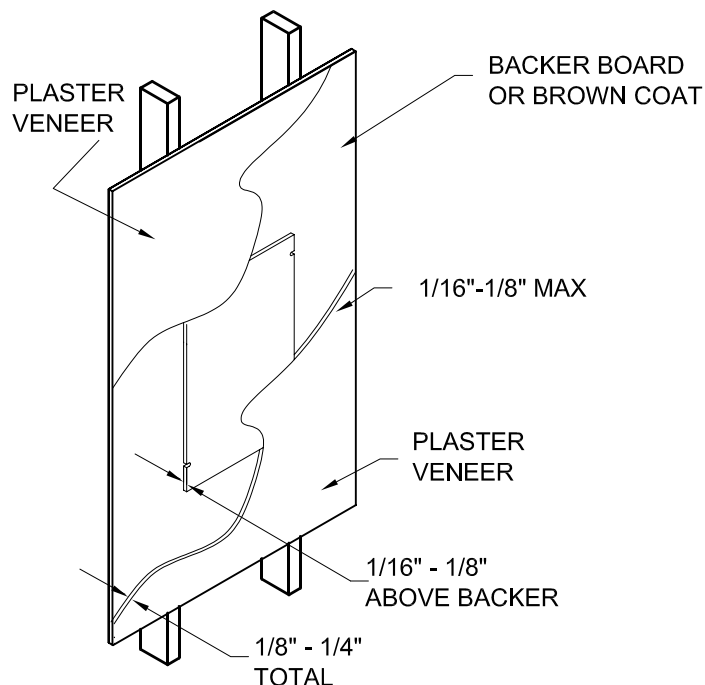


## 4. FINISHING THE LOUDSPEAKER

### 4.1 Finishing the Loudspeaker into Plaster Base or Treated Gypsum Wallboard with a 1/16" veneer plaster coat.

**NOTE:** If the final veneer plaster coat is thicker than 1/8".

The face of the loudspeaker should be adjusted out past the surface of the unfinished plaster base or treated gypsum board. This adjustment should allow the loudspeaker to receive no more than 1/8" maximum of veneer plaster.



1. Adjust the four Allen head screws so that the face of the loudspeaker is flush to- or slightly above the unfinished surface of the plaster base or treated gypsum board- Refer to note directly above.



2. Using the supplied or recommended setting type joint compound fill the joint so that the compound is flush with the unfinished plaster base or treated gypsum board.