

1 NEW CONSTRUCTION

1.1 Installing the PBB4 enclosure in between 16-inch on-center wooden stud framing prior to dry wall.

1. Retrieve the enclosure, leaving the corrugated cover on until it is time to install the loudspeaker.

Note: If using a “Roto Zip” or drywall saw to remove the drywall at installation time remove the cardboard cover and save the insulation batt in a plastic bag for future use, to avoid damage to the tools.

2. Using a screwdriver, bend the hood of the knockout towards the inside of the enclosure.



3. Pass the wire through the knockout hole, allowing approximately 18 inches of wire to go inside the enclosure.



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



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



1.2 Installing the PBB4 enclosure between 16-inch on-center metal stud framing prior to dry wall.

1. Retrieve the enclosure, leaving the corrugated cover on until it is time to install the loudspeaker.

Note: If using a “Roto Zip” or drywall saw to remove the drywall at installation time remove the cardboard cover and save the insulation batt in a plastic bag for future use, to avoid damage to the tools.

2. Using a screwdriver, bend the hood of the knockout towards the inside of the enclosure. This is where the audio wire will be routed from within the wall.



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



4. Retrieve the audio wire and pass it through the knock-out hole, allowing approximately 1-foot of wire to go inside the enclosure.



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

1.3 Installing the PBB6 enclosure into 24-inch on-center wooden Joist framing prior to dry wall.

1. For the enclosure to fit properly you will need to build additional frame work between the existing 24-inch on-center framing, if the studs or joists are farther than 16 inches apart.
2. Place a 24-inch long wooden stud up to the area that will be framed out.



3. Using a carpenters square, square up the new stud or joist to the existing frame and secure it using 3-inch drywall screws.





4. Measure 16 inches from the center of the new stud or joist and make a mark where the second stud will be installed.



5. Using 3 inch drywall screws, secure the second stud or joist to the existing frame work.



6. Drill a routing hole in the stud and pass the audio wire through to where the enclosure will be mounted.



7. Retrieve the enclosure, leaving the corrugated cover on until it is time to install the loudspeaker.



Note: If using a “Roto Zip” or drywall saw to remove the drywall at installation time remove the cardboard cover and save the insulation batt in a plastic bag for future use, to avoid damage to the tools.

8. Using a screwdriver, bend the hood of the knockout towards the inside of enclosure. This is where the audio wire will be routed from within the wall.



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



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



1.4 Installing the PBB6 enclosure between 24-inch on-center metal joist framing prior to drywall.

1. For the enclosure to fit properly you will need to build additional frame work between the existing 24-inch on-center framing, if the studs or joists are farther than 16 inches apart.
2. Place a 24 inch wooden stud or joist up to the area that will need to be framed out, and make a mark on the open side of the metal stud or joist.



3. In order for the new frame work to fit into the open side of the metal stud, you will need to bend open the outside lip of the metal stud using a pair of pliers.



4. Using 2 inch drywall screws, secure the stud or joist to the existing frame work.



5. Measure 16 inches out from the center of the new stud or joist and make a mark where the second stud will be installed.



6. Once again use a pair of pliers to bend open the outside lip of the metal stud, so that the new stud will fit.



7. Positioned parallel to the previous one, secure the second stud or joist using 2 inch drywall screws,



8. Drill a routing hole in the stud and pass the audio wire through to where the enclosure will be mounted.



9. Retrieve the enclosure, leaving the corrugated cover on until it is time to install the loudspeaker.

Note: If using a "Roto Zip" or drywall saw to remove the drywall at installation time remove the cardboard cover and save the insulation batt in a plastic bag for future use, to avoid damage to the tools.

10. Using a screwdriver, bend the hood of the knockout towards the inside of the enclosure. This is where the audio wire will be routed from within the wall.



11. Retrieve the audio wire and pass it through the knock-out hole, allowing approximately 18 inches of wire to go inside of the enclosure.
12. Using proper termination (saddle clamp) secure the wire to the enclosure.



- 13P. Now you are ready to install the enclosure into the framing and secure it using the 1-inch drywall screws provided.

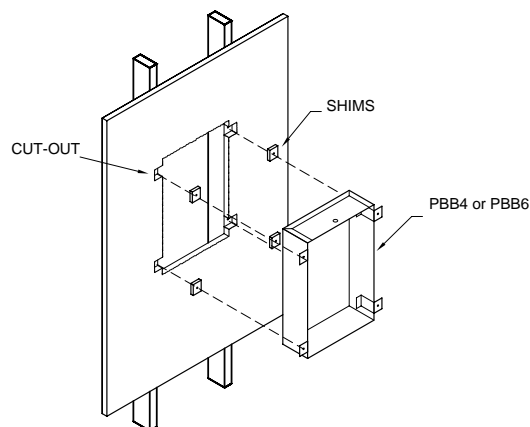


1.5 Installing the PBB4 or PBB6 to framing prior to installation of double layer gypsum wallboard

NOTE: The adjustment screws in both the PBB4/6 will accommodate a finish thickness of 1/2" through 5/8", these are typical GWB (gypsum wall board) wall and ceiling panels.

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 and the mounting tabs prior to securing it to the studs.

1. Install shims of appropriate thickness between the studs and mounting tabs of the PBB enclosure, prior to mounting the enclosure to the shim/stud assembly.



2. Retrieve the enclosure, using a screwdriver, remove the wiring knockout
3. Install a wire saddle clamp, pass the wire through the knockout hole, leaving 18" within the enclosure. Secure the wire saddle clamp.
4. Fasten the PBB4/6 to the shim/ stud assembly
5. If the PBB4/6 will be completely covered with GWB and will be removed at a later date using a Roto-Zip® or drywall saw at installation time, *you must:*

Tape the connection wire to the inside of the PBB4/6 to avoid damage from drywall tools.

Remove both the protective cardboard cover and insulation material from the back box and store in a plastic bag for future use.