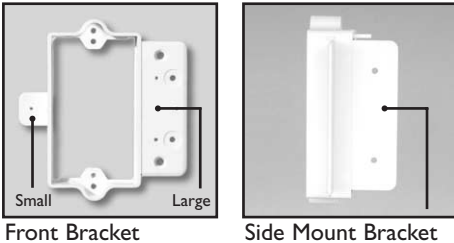


General Info:

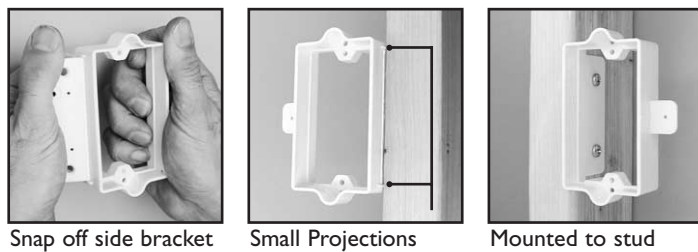
These devices are intended for class 2 low voltage use only by themselves. Line voltage may be used by assembling the recommended approved plastic electrical box to the Infoplate box extension. The most common line voltage application would be a central UPS backup power supply, for computers and monitors. The Infoplate system is not designed for use with plug in type power supplies or other electrical plugs that may not seat completely due to the recess. These should never be used. Proper engagement of their plugs may not occur and could pose a fire hazard. The Infoplate is certified to UL standards for it's intended use and should never be modified or applied differently than described as follows. When installing the Infoplate system, follow all electrical codes, both national and local along with common practices for the installation of electrical devices. Turn power off to any area being worked around.



Low voltage installation . . .

Wood studs, new construction:

There are a few different ways to mount the Infoplate. The most conventional is to attach it to the side of a stud with nails or screws. Locate the desired mounting height and taking the box extension snap off the large front mounting bracket. There are two small projections on the side that will properly position the extension on the stud for a 1/2 inch thick wallboard setback. When these rest against the stud, securely fasten the extension to the stud. When the wallboard is installed a screw should be placed into the small front mounting bracket hole for extra support, note the projection on the side of the extension that indicates the center of this hole to locate it after wallboard is in place. If desired the front mounting bracket can be left on to stiffen the extension, the wallboard may protrude some and flat head screws should be used in the places provided to reduce any bowing.

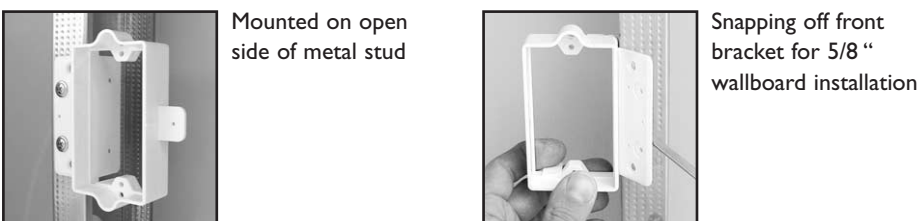


Metal studs, new construction:

Using the same technique as above, attach the extension to the metal studs with screws. The front bracket is important for metal stud applications when the open side of a stud is present at the point along the wall where the Infoplate is desired. Recessed holes are provided to allow the screw heads to rest closer to the stud and reduce the wallboard bowing outward.

5/8 inch thick wallboard:

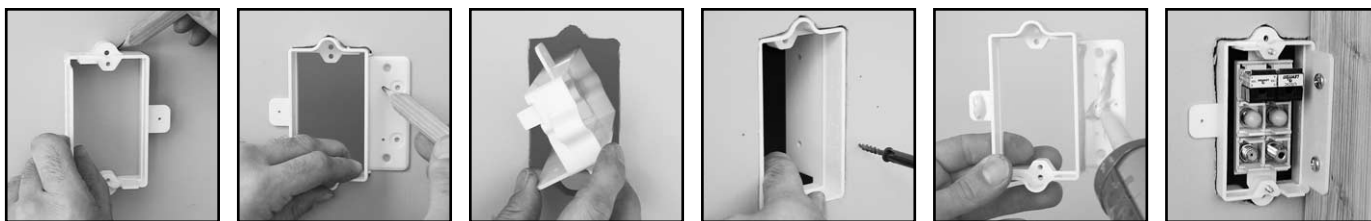
For installations using 5/8 inch thick wallboard, the small front bracket must be snapped off. Locate the proper height and attach the side bracket of the extension to the stud using the front bracket as the setback gage on the stud face. After the extension is attached, place a screwdriver under the unattached large front bracket and snap it off. This will provide the proper setback for the 5/8 inch thick wallboard application.



Existing construction:

There are a couple of different ways to utilize the Infoplate for retrofit or upgrade jobs. Note that the cover plate will not extend far enough to cover screw heads used to mount it this way, so select the mounting method based on wallboard repair requirements. First locate an area on a wall to place the extension. It is ideal to find a place where a stud can be utilized for mounting but not necessary. If a stud is present then find the edge of it and cut a small hole to feel the side. Lay the extension upside down on the wallboard and trace all around the outside of it using it as a template. Next saw out the area drawn around the extension with a drywall saw or rotary cutter. Insert the extension through the hole and mark the small holes through the front brackets for reference on the wallboard with the tip of a pencil. The idea is to insert the extension endwise through the hole then rotate it to slide the large front bracket between the wallboard and the stud. This could be tricky if a wallboard nail or screw were present in that direct location. Next, place wallboard screws at the locations as marked when drawing around it as a template and screw in. Use caution as these screws are close to the edge of the wallboard and may crush it if over tightened. An alternate method of attaching to a stud if you find that you do not have enough space between the stud and wallboard or a screw or nail is present is to leave the side bracket in place and snap off the large front bracket. Using a good quality construction adhesive, apply a bead to the side bracket and insert through the hole resting the adhesive against the stud. Place a screw through the small front bracket-keeping front of extension flush with the surface of the wallboard and let stand until hardened.

Another way of mounting in existing construction is with adhesive only for areas where there is no stud available. This can be done for existing construction when wall refinishing is not planned. If refinishing is planned then use wallboard screws in place of the adhesive, or both. Doing the same as above use the extension as a template for wallboard removal, keep this hole snug for reasons to follow. Apply beads of adhesive to both front mounting brackets and a bead in the corner of the front mounting bracket and the extension. Slide the extension through the hole and pull toward the room, seating the adhesive firmly up against the wallboard. A snug fit while cutting the hole will allow the extension to stay in place while the adhesive hardens. Use care when installing devices to the extension, as the bond to the wallboard is only as strong as the paper on the wallboard. Once assembled the cover plate will sandwich the unit together, holding it in place securely.



Line voltage installation

New construction or remodel with studs exposed only:

The Infoplate system utilizes standard plastic electrical boxes that are attached to the Infoplate extension to form a complete box assembly for the distribution of line voltage; and for low voltage if a box is desired. The type of box to use is typically sixteen or eighteen cubic inches in size, and no more than three inches in depth. There is only one means of mounting these and it is described as follows. Never modify or change the way these are mounted, as a fire hazard could exist. Take the extension and snap off the side-mounting bracket, this may seem difficult, because this is the primary mount; it is intended to be strong. Use a pair of lineman's pliers for a firm grip and it will break at the score. Included in the kit are two S shaped spring clips. They slide on the two tabs that extend down from the back of the extension. Place one side of each spring clip over the tab with the other open side facing away from the extension. It will line up with the center of the extension sidewall. Using a listed single gang plastic electrical box, with the same outline size as the extension, position it so the attaching nails or screws will engage the stud on the same side as the large front bracket of the extension. Before attaching it may be necessary to clip off the box locating tabs on the sides, depending on the box manufacture these may push the box inward when attaching to the stud. Press the extension firmly onto the box making sure that the clips engage the box, and a close and properly aligned fit is established. Take this complete assembly, and locate it on the stud to the desired height for mounting. Screw the front mounting bracket of the extension to the stud. Now attach the box to the stud to ensure a strong and firm mount. There should be no gaps between the extension and the box. For standard 2X4 stud construction only, use standard boxes as noted above. The deeper style boxes will extend the assembly deeper than the space between the walls. Complete the wiring as with a typical box installation.



Device and cover mounting:

To mount electrical devices to the Infoplate extension, you must remove the plaster ears from the device so that it may rest on the mounting boss's that are below the outside edges of the extension. Insert the screws and align as required. Most screws supplied with devices will extend through the extension and into the electrical box providing extra support. The recessed cover plate can now be screwed to the device in a typical manor with the screws provided after all drywall work is finished. To use the dress cover, simply snap it over the cover plate with the removal slot facing down. The dress cover can be removed by placing a small screwdriver or coin in the slot on the bottom while pulling forward.



Typical finished installations

Specifications

Material: High temperature UL 94 V-0 rated custom thermoplastic resin.

Infoplate extension:

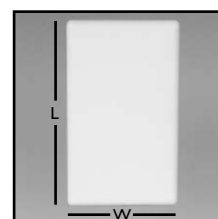
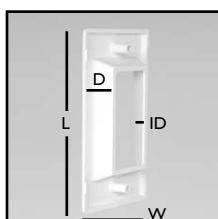
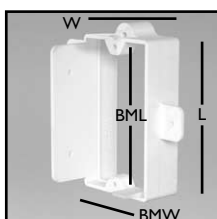
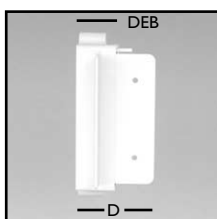
- Overall length 4.4 inches L
- Overall width 4.1 inches W
- Overall depth 2 inches D
- Box mount width 2.25 inches - BMW
- Box mount length 3.75 inches - BML
- Depth of extension body 1 inch - DEB

Infoplate cover plate:

- Overall length 4.9 inches - L
- Overall width 2.8 inches - W
- Overall depth .65 inches - D
- Inside depth of recess .58 inches - ID

Infoplate dress cover:

- Overall length 5 inches -L
- Overall width 3 inches -W
- Overall depth .3 inches - D



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