

# A System Integration Solution

Introducing a new adapter kit, the **MPS-SMBB-16MU-35-KIT**. This adapter kit is designed to be installed in a 4" dry wall, between 16" center studs and fit flush with the surface of the wall.



This new design is comprised of 3 components, a **Back Box** that mounts between 2 studs, an **Adapter Plate** that finishes and covers the cutout in the sheetrock and a **low profile 16MU Flush Mount Ring**, plus a pair of **Label Strips** and mounting hardware.

The width of the **Mounting Ears**, located at either end of the **Back Box**, allow for variations in stud placement. Each **Mounting Ear** has also been laser cut so that it can be shortened where necessary. Each Back Box has a total of (6) laser cut knockouts for 2" conduit, (3) in the top and (3) in the bottom to ease installation.

The **Adapter Plate** is attached to the **Back Box** through an opening in the sheetrock by (4) 6-32 Kep nuts. The mounting brackets, designed into each **Adapter Plate**, have enough adjustment to accommodate up to (2) layers of 5/8" sheetrock. After installation this provides a stable and ideal platform for the 16MU **Flush Mount Ring** to be attached.

Shown to the left are the (3) stages of installation:

1) Mount the **Back Box** between 2 stud using the wood screws supplied. Run and install necessary conduit top and or bottom to meet the systems needs.

2) Install the sheetrock and make a cutout (14-1/2" x 6-1/4") for the **Adapter Plate**. Insert the **Adapter Plate** through the cutout and fasten to Back Box using the (4) 6-32 Kep Nuts supplied.

3) Attach the 16MU **Flush Mount Ring** to the **Adapter Plate** using the (4) 8-32 Flathead machine screws and countersunk washers supplied.



Email your request, or download the AutoCAD drawing from our website to do your own layout using the embedded blocks for all our enclosures and adapters, plus the wide selection of MPS modular panels.

Visit our Website – [www.signt.com](http://www.signt.com) – or give us a call at (714) 641-5665 for information and pricing on all of our products. Thanks.