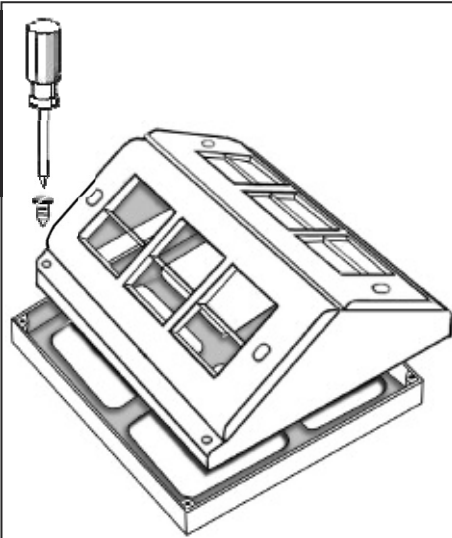


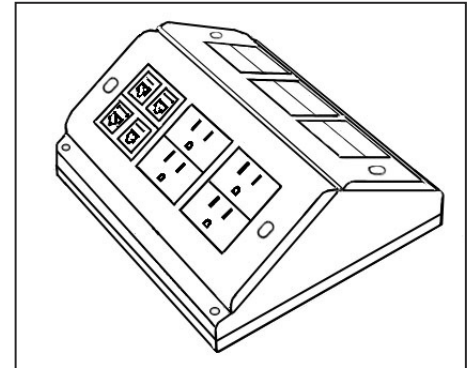
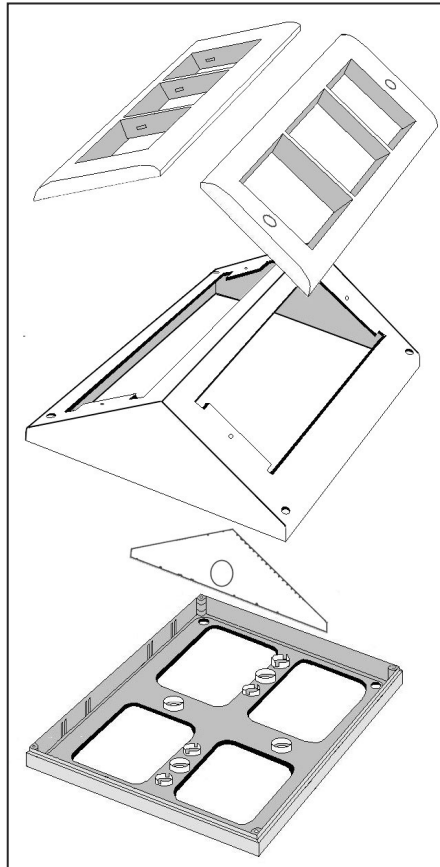
MS10166
Surface Mount Box
-Installation Guide-

IMPORTANT: Please read carefully the following instructions before beginning.



Detach the box base from the body by removing the screws located at all four corners. You can also remove the two top faceplates for more flexibility on the wiring related jobs. To do so, gently press the small screw caps on one side and remove it. Remove the screws to separate the yoke/faceplates from the box body. (See exploded view)

Exploded view

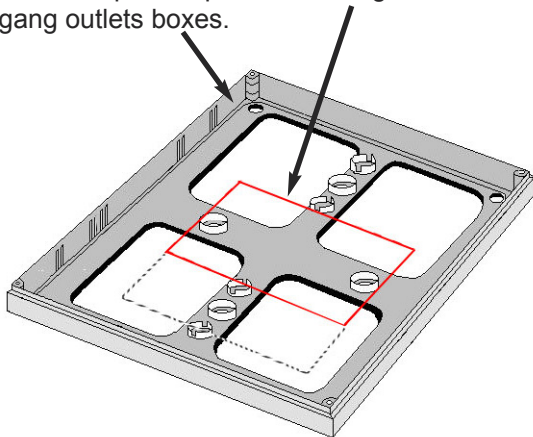


Product configuration may vary.

Keep the screws in a safe place for later use.

Wood surfaces / Tables / Raised floors

The box base has screw holes at all four corners, plus, two screw holes that match the holes pattern present on single and two gang outlets boxes.



MS10166 - Mounting Base

Option 1: Install an "Old Work type single gang outlet box" flush with the surface. Attach the conduit to the outlet box to feed the line voltage wires. Low voltage cables do not require conduits.

Option 2: Install an Old Work type two gang outlet box with barrier. The barrier divides the box in two compartments. Use one compartment to feed the line wires and one for the low voltage applications.

Option 3: Feed the MS box compartments by conduits, elbows etc. There are no knockouts in the base of this box.



Warning:

To be installed and/or used in accordance with appropriate electrical codes and regulations.



Warning:

To avoid fire, electrical shock and/or electrocution turn power OFF at the circuit breaker before wiring.



Caution:

Wire devices in accordance with the NEC. If you are not sure about existing conductor wires, color coding, polarity and circuit feed contact a licensed electrician.

DISCLAIMER - (Worldwide)
 FBS FLOOR BOX SYSTEMS MAKE NO WARRANTIES OR REPRESENTATIONS, WHATSOEVER, EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY, FITNESS OR SUITABILITY OF THIS PRODUCT.

Installer/Buyer of this product must verify the suitability or approval of this product for the specific use with the local codes and/or authorities having jurisdiction in the area where the product will be installed.



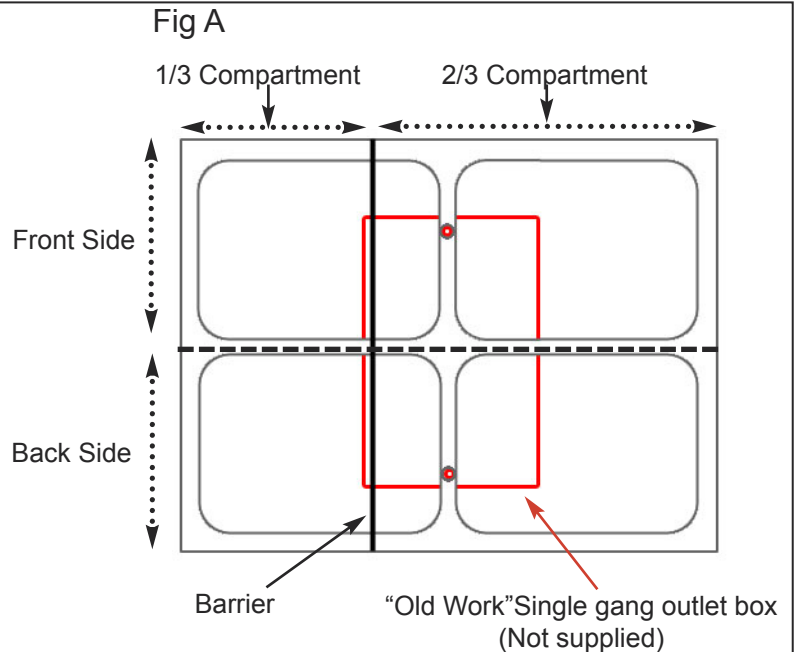
Step by Step

- 1) Detach the box base from the body removing the screws located at all four corners.
- 2) Select box location.
- 3) Determine and select the method to feed the MS box that best suits your needs
- 4) Position the barrier and install the base in accordance to the "cable feeding" method selected.
- 5) Pull the cables through the base opening at least 7" to facilitate the wiring related jobs.
- 6) Select modules and devices. Wire devices in accordance with the local codes.
- 7) Attach the faceplates to the body and secure them to the base with the screws previously removed on the first step.

When line and low voltage devices are required, the barrier (supplied) must be installed to isolate the compartments.

Barrier Positioning

When installing the mounting base on top of a **single gang outlet box**, place the barrier in the slot aligned with the side wall of the outlet box. The 1/3 compartment of the MS box can be fed thru the opening in the base. The 2/3 compartment (8 Modules) of the MS box will be fed from the outlet box. (See Fig A)



When conduits for both line and low voltage cables are required, an "Old Work type Two gang outlet box" with barrier must be installed. It must be installed flush with the surface. The barrier divides the outlet box in two compartments. Select and attach the conduits to the corresponding compartment.

Install the mounting base on top of the **Two gang outlet box**. Important: Place the barrier of the MS box in the slot aligned with the barrier of the outlet box, so that the two compartments are properly separated and aligned with the MS box.

One compartment of the outlet box will feed the bigger compartment (8 Modules) of the MS box, while the second compartment of the outlet box will feed the smaller compartment (4 Modules) of the MS box. (See Fig B)

Fig B

