The PWB-100 is the essential installation accessory for any flat panel display. It installs easily in the wall behind any display allowing your screen to sit flush against the wall. This unit provides a neat and secure environment for the audio, video, control and power connections.

The PWB-100 is 11"W x 5.25"H x 3.57"D and installs easily between any two standard studs in the wall. Once populated the overall height is 7.39" behind the wall. Connections and cable entry can be on the top or the bottom depending on installation preference. Designed to mount along the bottom edge behind a flat panel display, the PWB-100 provides a single point for all your connections. The unit accommodates up to six single space Intelligent Plate Solution plates and a UL listed single gang gem box for AC power.

The PWB is available in white or black and is suitable for painting or other finishing, matching any décor. It has a cable exit slot for the display connections and the excess cable can easily be hidden inside of the box making the entire installation as clean as possible. The cover screws onto the front of the box once all connections are in place.

FSR designed this unit for new and existing construction. Brackets are included for mounting to studs in new construction as well as surface mount clips for mounting to sheet rock or plywood in existing construction.

**INCLUDED ACCESSORIES**

1 - Low voltage back box  
2 - Surface mount clips  
1 - Pass through grommet, additional grommets available use part #13342

1 - UL listed Gem box  
2 - Custom madison clips  
2 - Stud mount brackets

**ORDERING INFORMATION**

PWB-100-WHT = White Cover  
PWB-100-BLK = Black Cover  
Other options are available. Consult sales for details.

**APPLICATIONS**

• Anywhere a video display is wall mounted!  
• Digital Signage  
• Conference Centers  
• Museums  
• Schools  
• Airports  
• General Meeting Facilities  
• Arenas

**FEATURES**

• Rugged 14 gauge steel back box with 1/8" front cover  
• Compatible with FSR’s IPS inserts  
• Can be installed in new or old work (mounting adapters included)  
• AC and low voltage back box included  
• Connectors are hidden behind an attractive cover  
• Multiple knockouts in a variety of sizes  
• UL listed AC back box provided  
• Newly added AC back box provided  
• Newly added Triple Play Knockout Solution

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Most items above are available in white or black to match the decor. We are always adding to our IPS and SS line. Please visit our website or contact sales for detailed information.
TYPICAL INSTALLATIONS

NEW WORK INSTALLATION
WALL OPENING: 11" X 5-1/4"

OLD WORK INSTALLATION
WALL OPENING: 11" X 5-1/4"

SHOWN WITH ACCESSORY LOW-VOLTAGE CONDUIT ENTRY BOX
(2 - #6-32 x 1/4" PAN HEAD SCREWS)
(CAN BE MOUNTED ON BOTTOM)
(1 SUPPLIED, ORDER ADDITIONAL AS PN: 54406)

(2) STUD BRACKET (2 - #6-32 x 1/4" PAN HEAD SCREW)
STUD MOUNTING HARDWARE
BY CUSTOMER (#6 SCREW,
1/2" x 1" STAPLE, OR NAIL)

SEE BACK PAGE

MOUNTING HOLES
FOR 1/2" DRYWALL
DIRECT-TO-STUD
MOUNTING HOLES

MOUNTING HOLES
FOR 5/8" DRYWALL

STUDS ON
16" CENTERS

1/2" - 5/8" WALL
THICKNESS

COVER BOTTOM
(2 - PAINTED #6-32 x 3/4"
OVAL HEAD SCREWS)

COVER TOP
(2 - PAINTED #6-32 x 3/4"
OVAL HEAD SCREWS)

STUD MOUNTING HARDWARE
BY CUSTOMER (#6 SCREW,
1/2" x 1" STAPLE, OR NAIL)

CONDUIT ENTRY BOX ALTERNATE LOCATION
(TOP OR BOTTOM)

SHOWN WITH AC OUTLET BOX
(4 - #6-32 x 1/4" PAN HEAD SCREWS)
(CAN BE MOUNTED ON BOTTOM)

COVER BOTTOM
(2 - PAINTED #6-32 x 3/4"
OVAL HEAD SCREWS)

COVER TOP
(2 - PAINTED #6-32 x 3/4"
OVAL HEAD SCREWS)

NEW WORK INSTALLATION
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(2) MADISON CLIP

SEE BACK PAGE

WALL OPENING

CONDUIT ENTRY BOX ALTERNATE LOCATION
(TOP OR BOTTOM)

SHOWN WITH AC OUTLET BOX
(4 - #6-32 x 1/4" PAN HEAD SCREWS)
(CAN BE MOUNTED ON BOTTOM)

ROTATE PWB-100
BOX INTO OPENING

(2) SURFACE MOUNTING
IN-STOP BRACKET

COVER BOTTOM
(2 - PAINTED #6-32 x 3/4"
OVAL HEAD SCREWS)