PWB-200 Series
Project Wall Box

FSR wall box products meet the Build America Buy America Act (BABAA) and TAA requirements

FSR
Metal Products Group

PWB-250/253

PWB-200/203

PWB-200 *PWB-203* *PWB-250* *PWB-253*
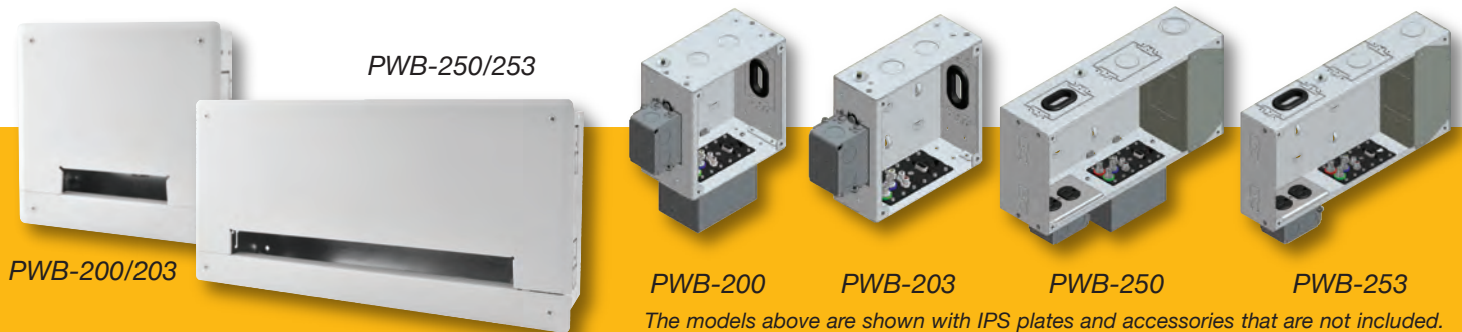
The models above are shown with IPS plates and accessories that are not included.

DESCRIPTION

The PWB-200 series balance quality and cost, bringing fully featured wall boxes to you at an affordable price. We have kept the cost low while delivering the quality and ease of installation you have always experienced with FSR products.

All models are ready to install and include a two part cover with mounting screws in either black or white, back box, screws for wood or steel stud mounting, grounding screws, tie wraps, and a rubber grommet. One of the single gang knockouts has a 1"x2" oblong internal knockout and can be used with the supplied grommet.

There are four models designed to fit the individual application requirements:

The **PWB-200** is approximately 7"x7"x4" with two single gang knockouts, and one IPS knockout to mount up to six single IPS plates. The unit is designed to fit 2"x4" stud walls.

The largest and highest capacity model is the **PWB-250**. This unit is approximately 14.25"x7"x4" and has three single gang knockouts and one IPS knockout to mount up to six single IPS plates. In addition, a removeable passthrough enclosure provides an additional single gang knockout and can be used to isolate cables that the installer may need to pass through the backbox.

Specifically sized for installation in 2"x3" stud walls, the **PWB-203** and **PWB-253** are 3" deep versions of the PWB-200 and PWB-250 respectively. One steel duplex cover plate (PWB-203/253) and one steel Decora cover plate (PWB-253 only) is included for convenience and to ensure proper fit in the shallow back box.

ACCESSORIES

The **PWB-2X0-AVBB** is an optional AV back box to enclose the exterior of the IPS knockout area (PWB-200 and PWB-250 only).

The **PWB-20X-MNT** is a set of bracket ears that allow the installer to position the PWB-200 or PWB-203 at different locations between the studs while mounting.
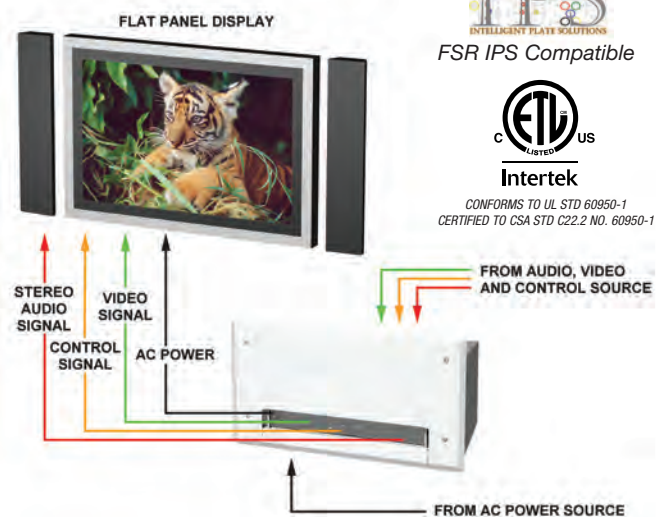
The **PWB-xxx-SLD** abandonment covers, are available in black or white. They are used in place of the finish covers to protect the units during construction or when they are used as closed utility boxes not requiring external cable access.

FEATURES

- Rugged 16 gauge steel back box with $\frac{1}{16}$" front cover
- Compatible with FSR's Intelligent Plate Solutions (IPS) inserts
- Can be installed in new or old work (mounting adapters included)
- AC back box included
- Connectors are hidden behind an attractive cover
- Multiple knockouts in a variety of sizes
- UL listed AC back box provided

APPLICATIONS

- Anywhere a video display is wall mounted!
- Digital Signage
- Electronic Billboards
- Conference Centers
- Museums
- Schools
- General Meeting Facilities
- Airports
- Arenas
- VTC Rooms

FLAT PANEL DISPLAY

STEREO AUDIO SIGNAL
VIDEO SIGNAL
CONTROL SIGNAL
AC POWER

FROM AUDIO, VIDEO AND CONTROL SOURCE

FROM AC POWER SOURCE

FSR IPS Compatible

ETL LISTED
Intertek

*CONFORMS TO UL STD 60950-1
CERTIFIED TO CSA STD C22.2 NO. 60950-1*

FSR Inc.

244 Bergen Boulevard, Woodland Park, NJ 07424
Phone: 973.998.2300 · Fax: 973.785.4207
Web: www.fsrinc.com · E-mail: sales@fsrinc.com
Toll Free: 1-800-332-FSR1   LIT1352F

ORDERING INFORMATION

PWB-200 Series - Standard Wall Thickness

Cover and Back Box

17246	PWB-200-WHT	PWB 200 Wall Box w/ 6 IPS and 2 AC / Gang, Standard Wall - White
17247	PWB-200-BLK	PWB 200 Wall Box w/ 6 IPS and 2 AC / Gang, Standard Wall - Black

PWB-250 Series - Standard Wall Thickness

Cover and Back Box

17254	PWB-250-WHT	PWB 250 Wall Box w/ 6 IPS, 3 AC / Gang, 2 KO - White
17255	PWB-250-BLK	PWB 250 Wall Box w/ 6 IPS, 3 AC / Gang, 2 KO - Black

Alternate Style Back Box only

17764	PWB-250-2KO-BX	PWB-250 Back box with two AC 1-Gang, two 2" KOs, two 1.25" KOs

PWB-203 Series - For Shallow (3" Stud) Walls

Cover and Back Box

17248	PWB-203-WHT	PWB 203 Wall Box w/ 6 IPS and 2 AC / Gang, Thin Wall - White
17249	PWB-203-BLK	PWB 203 Wall Box w/ 6 IPS and 2 AC / Gang, Thin Wall - Black

PWB-253 Series - For Shallow (3" Stud) Walls

Cover and Back Box

17439	PWB-253-WHT	PWB-253 3" Wall Box w/ 1 Duplex & Decora Cover Plate - White
17440	PWB-253-BLK	PWB-253 3" Wall Box w/ 1 Duplex & Decora Cover Plate - Black

Accessories

Cover Only for PWB-200 and PWB-203

17250	PWB-20X-WHT-C	PWB 200 Replacement Cover - White
17251	PWB-20X-BLK-C	PWB 200 Replacement Cover - Black
17252	PWB-20X-SLDWHT-C	PWB 200 Solid Abandonment Cover - White
17253	PWB-20X-SLDBLK-C	PWB 200 Solid Abandonment Cover - Black

Cover Only for PWB-250 and PWB-253

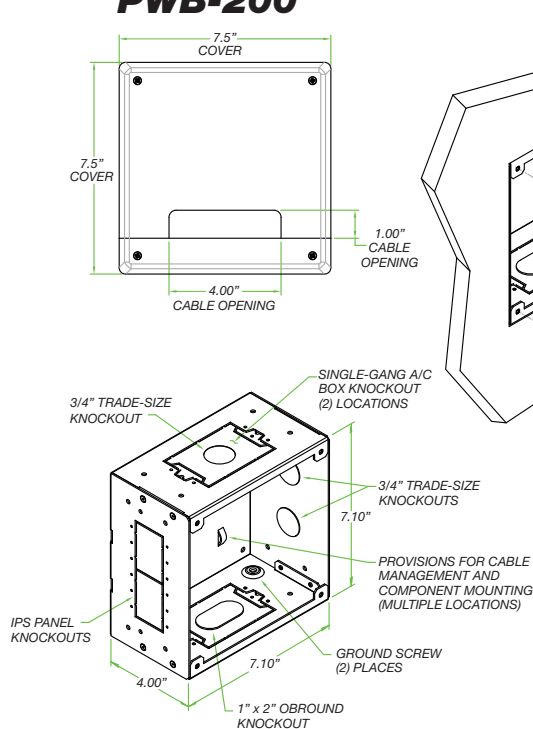| 17256	PWB-250-WHT-C	PWB 250 Replacement Cover - White
17257	PWB-250-BLK-C	PWB 250 Replacement Cover - Black
17258	PWB-250-SLDWHT-C	PWB 250 Solid Abandonment Cover - White
17259	PWB-250-SLDBLK-C	PWB 250 Solid Abandonment Cover - Black
17289	PWB-250-VNTBLK-C	PWB 250 Cover w/ Additional Vent - Black
17290	PWB-250-VNTWHT-C	PWB 250 Cover w/ Additional Vent –White

PWB-200 and PWB-203 Accessories

17260	PWB-20X-MNT	PWB 200 / 203 Mounting Ears

PWB-200 and PWB-250 Accessories

17261	PWB-2X0-AVBB	AV Back Box for PWB-200 and PWB-250

PWB-200 SERIES DIMENSIONS

PWB-200

7.5"
COVER

7.5"
COVER

1.00"
CABLE
OPENING

4.00"
CABLE OPENING

NOTES:

1. WALLBOX CHASSIS MATERIAL 16 GA. GAVANIZED STEEL.

2. COVER MATERIAL .062"-THK ALUMINUM, PAINTED.

3. STANDARD EQUIPMENT INCLUDED: MOUNTING HARDWARE FOR WOOD AND STEEL STUDS, (1) JUNCTION BOX, (1) GROMMET FOR OBROUND KNOCKOUT.

3/4" TRADE-SIZE
KNOCKOUT

SINGLE-GANG A/C
BOX KNOCKOUT
(2) LOCATIONS

3/4" TRADE-SIZE
KNOCKOUTS

7.10"

PROVISIONS FOR CABLE
MANAGEMENT AND
COMPONENT MOUNTING
(MULTIPLE LOCATIONS)

IPS PANEL
KNOCKOUTS

7.10"

GROUND SCREW
(2) PLACES

4.00"

1" x 2" OBROUND
KNOCKOUT

PWB-20X-MNT

16.00" NOMINAL

PWB-200
OR PWB-203
(SOLD
SEPARATELY)

STUD

THE PWB-20X-MNT IS A SET OF BRACKET EARS THAT ALLOW THE INSTALLER TO POSITION THE PWB-200 OR PWB-203 AT DIFFERENT LOCATIONS BETWEEN THE STUDS WHILE MOUNTING.

PWB-203

7.5"
COVER

7.50"
COVER

1.00"
CABLE
OPENING

4.00"
CABLE OPENING

SINGLE-GANG A/C
BOX KNOCKOUT
(2) LOCATIONS

3/4" TRADE-SIZE
KNOCKOUTS

7.10"

PROVISIONS FOR CABLE
MANAGEMENT AND
COMPONENT MOUNTING
(MULTIPLE LOCATIONS)

IPS PANEL
KNOCKOUTS

GROUND SCREW
(2) PLACES

7.10"

2.88"

1" x 2" OBROUND
KNOCKOUT
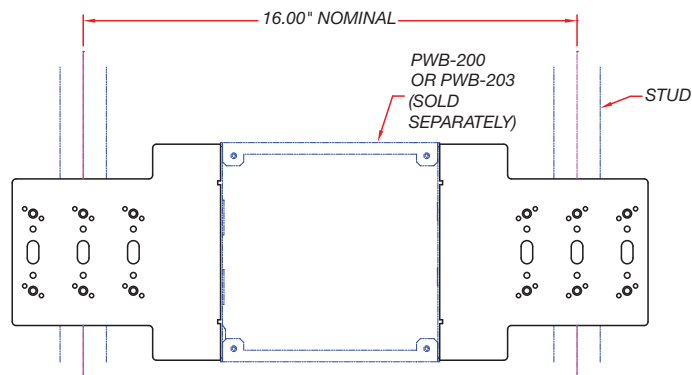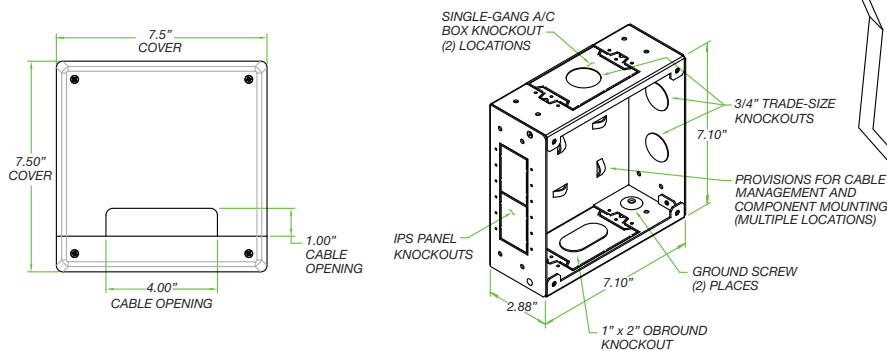
NOTES:

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3. STANDARD EQUIPMENT INCLUDED: MOUNTING HARDWARE FOR WOOD AND STEEL STUDS, (1) JUNCTION BOX, (1) GROMMET FOR OBROUND KNOCKOUT.

PWB-250 SERIES DIMENSIONS

PWB-250

15.50"
COVER

8.35"
COVER

1.00"
CABLE
OPENING

7.00"
CABLE OPENING

SINGLE GANG A/C
BOX KNOCKOUT
(3) LOCATIONS

1" TRADE-SIZE
KNOCKOUT
(2) LOCATIONS

1" x 2" OBROUND
KNOCKOUT
(2) LOCATIONS

1" X 1-1/4" TRADE
(2) LOCATIONS

REMOVABLE
PASS-THRU
ENCLOSURE

7.10"

GROUND SCREW
(2) PLACES

3.00"

14.25"
SINGLE-GANG
DEVICE KNOCKOUT

IPS PANEL KNOCKOUTS

4.00"

PROVISIONS FOR CABLE
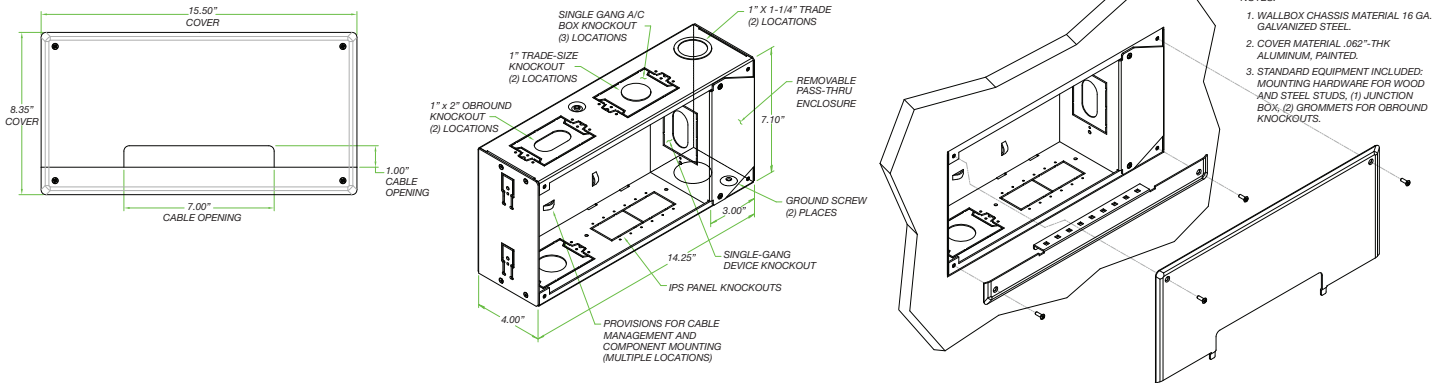MANAGEMENT AND
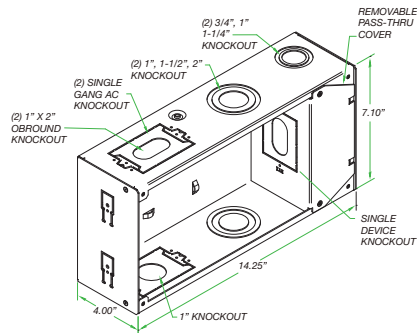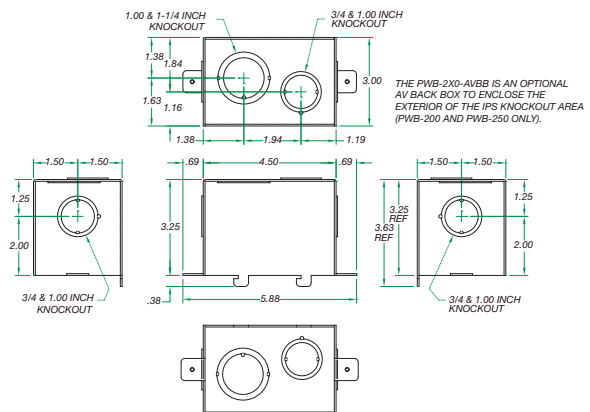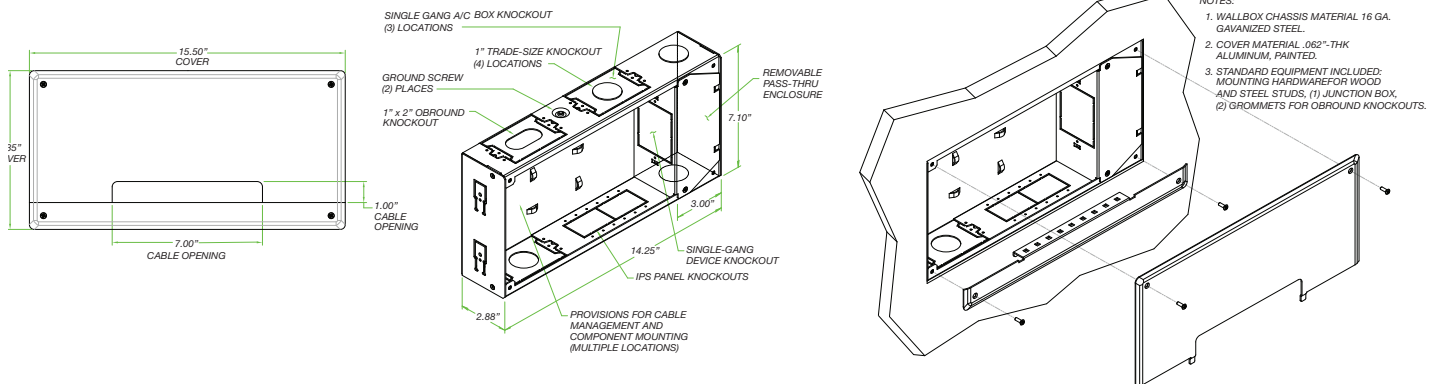COMPONENT MOUNTING
(MULTIPLE LOCATIONS)

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GALVANIZED STEEL.
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ALUMINUM, PAINTED.
3. STANDARD EQUIPMENT INCLUDED:
MOUNTING HARDWARE FOR WOOD
AND STEEL STUDS, (1) JUNCTION
BOX, (2) GROMMETS FOR OBROUND
KNOCKOUTS.

PWB-250-2KO-BX
Alternate Back Box
for PWB-250

(2) 3/4", 1"
1-1/4"
KNOCKOUT

(2) 1", 1-1/2", 2"
KNOCKOUT

(2) SINGLE
GANG AC
KNOCKOUT

(2) 1" X 2"
OBROUND
KNOCKOUT

REMOVABLE
PASS-THRU
COVER

7.10"

SINGLE
DEVICE
KNOCKOUT

14.25"

4.00"

1" KNOCKOUT

PWB-2X0-AVBB

1.00 & 1-1/4 INCH
KNOCKOUT

3/4 & 1.00 INCH
KNOCKOUT

1.38
1.84
1.63
1.16

1.38
1.94
1.19

3.00

THE PWB-2X0-AVBB IS AN OPTIONAL
AV BACK BOX TO ENCLOSE THE
EXTERIOR OF THE IPS KNOCKOUT AREA
(PWB-200 AND PWB-250 ONLY).

1.50
1.50
1.25
2.00

.69
4.50
.69

1.50
1.50
1.25
2.00

3.25

3.25
REF
3.63
REF

3/4 & 1.00 INCH
KNOCKOUT

.38
5.88

3/4 & 1.00 INCH
KNOCKOUT

PWB-253

15.50"
COVER

8.35"
COVER

1.00"
CABLE
OPENING

7.00"
CABLE OPENING

SINGLE GANG A/C BOX KNOCKOUT
(3) LOCATIONS

1" TRADE-SIZE KNOCKOUT
(4) LOCATIONS

GROUND SCREW
(2) PLACES

1" x 2" OBROUND
KNOCKOUT

REMOVABLE
PASS-THRU
ENCLOSURE

7.10"

3.00"

14.25"
SINGLE-GANG
DEVICE KNOCKOUT

IPS PANEL KNOCKOUTS

2.88"

PROVISIONS FOR CABLE
MANAGEMENT AND
COMPONENT MOUNTING
(MULTIPLE LOCATIONS)

NOTES:
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(2) GROMMETS FOR OBROUND KNOCKOUTS.

BABAA COMPLIANT

TAA COMPLIANT

FSR wall box products meet the
Build America Buy America Act
(BABAA) and TAA requirements

MADE IN
THE USA   GREEN

Specifications are subject to change without notice.