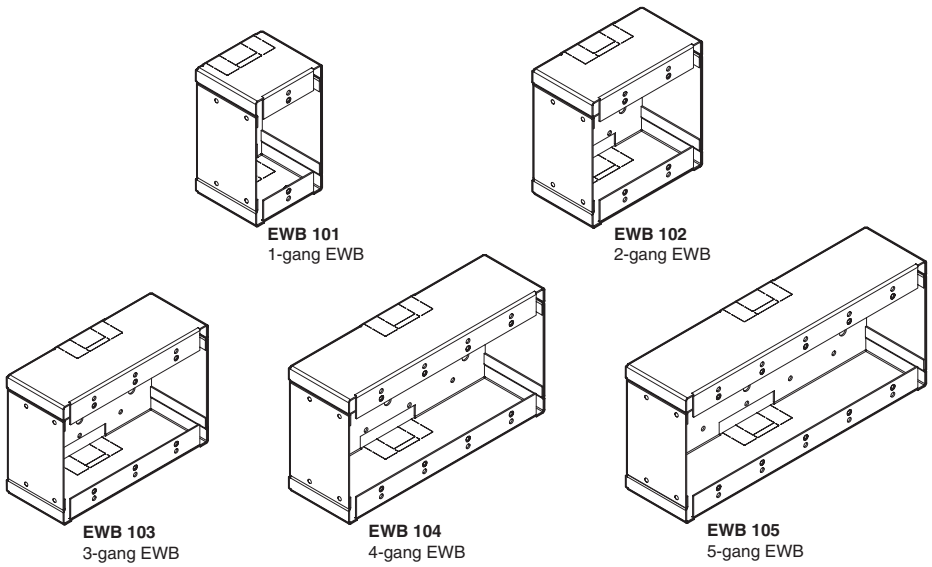
EWB Series External Wall Boxes • Installation Guide

The Extron EWB Series External Wall Boxes allow a variety of Extron products to be mounted to the surface of an interior wall. The 2.5 inch (6.4 cm) depth accomodates an Extron product and cabling. This guide provides information for a qualified, experienced installer to install an EWB wall box.

EWB External Wall Box Models



Model	Part Number
EWB 101 (black, white)	60-1161-02, -03
EWB 102 (black, white)	60-1162-02, -03
EWB 103 (black, white)	60-1163-02, -03
EWB 104 (black, white)	60-1164-02, -03
EWB 105 (black, white)	60-1165-02, -03

Surface Raceway Knockouts		
Size	**Dimensions**	**Quantity per EWB**
Small	0.9" H x 0.75" W (2.3 cm H x 1.9 cm W)	2
Large	0.95" H x 2.0" W (2.4 cm H x 5.1 cm W)	2

Recommended Fasteners

Choose the appropriate type of screw or bolt for the wall (see table below). The mounting holes in the back of the EWB accommodate screws up to ¼ inch in diameter.

Wall Type	Fasteners	Min. Size Fastener	Quantity	Drill Bit Size	Notes
Drywall	Toggle bolts	3/16 inch	At least 4	1/2 inch	Min. 3/8 inch wall thickness
Solid wood	Wood screws	#10 with a washer	At least 4	Not required	Min. 3/8 inch wall thickness
Masonry	Masonry screws	1/4 inch	At least 4	3/16 inch masonry bit	Do not mount to masonry joints.

Grounding

The rear inside panel has a PEM® #6-32 insert for grounding; a grounding screw is included with each EWB.

Mounting the EWB

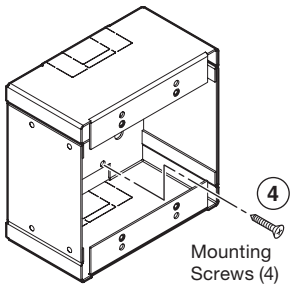
NOTES: This unit must be installed in accordance with the National Electrical Code and with all local codes.

- Ensure that the installation meets the local and state regulatory requirements, including building, electrical, and safety codes, and UL and ADA accessibility requirements.
- Ensure that there are no utility cables or pipes at the intended location that might be damaged or cause injury when installing the wall box.

The EWB can be mounted on any interior wall type. Knockouts allow for conduit or raceways to be run from the top, bottom, or back of the box. Install the cables into the wall or conduits before mounting the EWB wall box or installing any devices in the EWB. The installation instructions apply to all models.

Installing the EWB Onto a Wall

1. If mounting to standard wood wall studs, locate the center of the studs.
2. Place the EWB against the wall in a suitable location. Use a level to ensure the box is horizontal, and mark the position of the four holes.
3. If required, drill four holes into the wall.
4. Insert four screws (see the table above) and attach the EWB to the wall.



Attaching the EWB to an Existing In-wall Junction Box

This procedure is to be used if a standard electrical junction box is already installed in the wall.

If a junction box is not already installed, follow the instructions in "**Installing the EWB Onto a Wall.**"

NOTE: The size of the in-wall junction box does not have to match the size of the EWB as long as the junction box is not larger than the EWB.

Mount the EWB to an existing junction box as follows:

1. Align the EWB with the opening of the junction box. Center the EWB in front of the junction box if possible.
2. Attach the EWB to the junction box using #6-32 pan head screws (not included) (see figure 1).

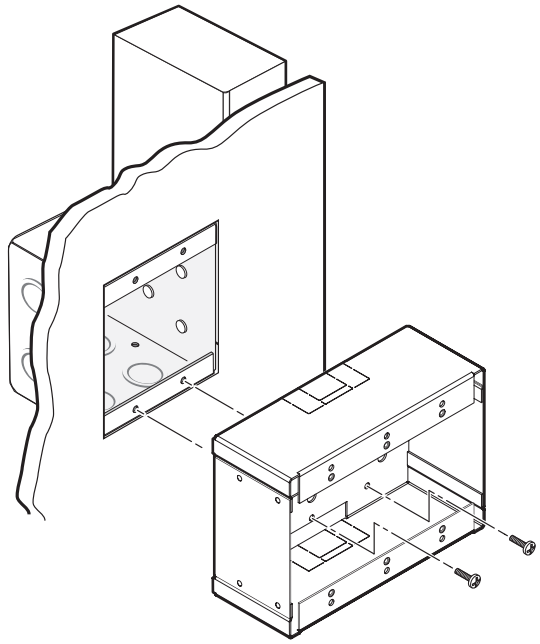


Figure 1. Mounting the EWB to an In-wall Junction Box

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