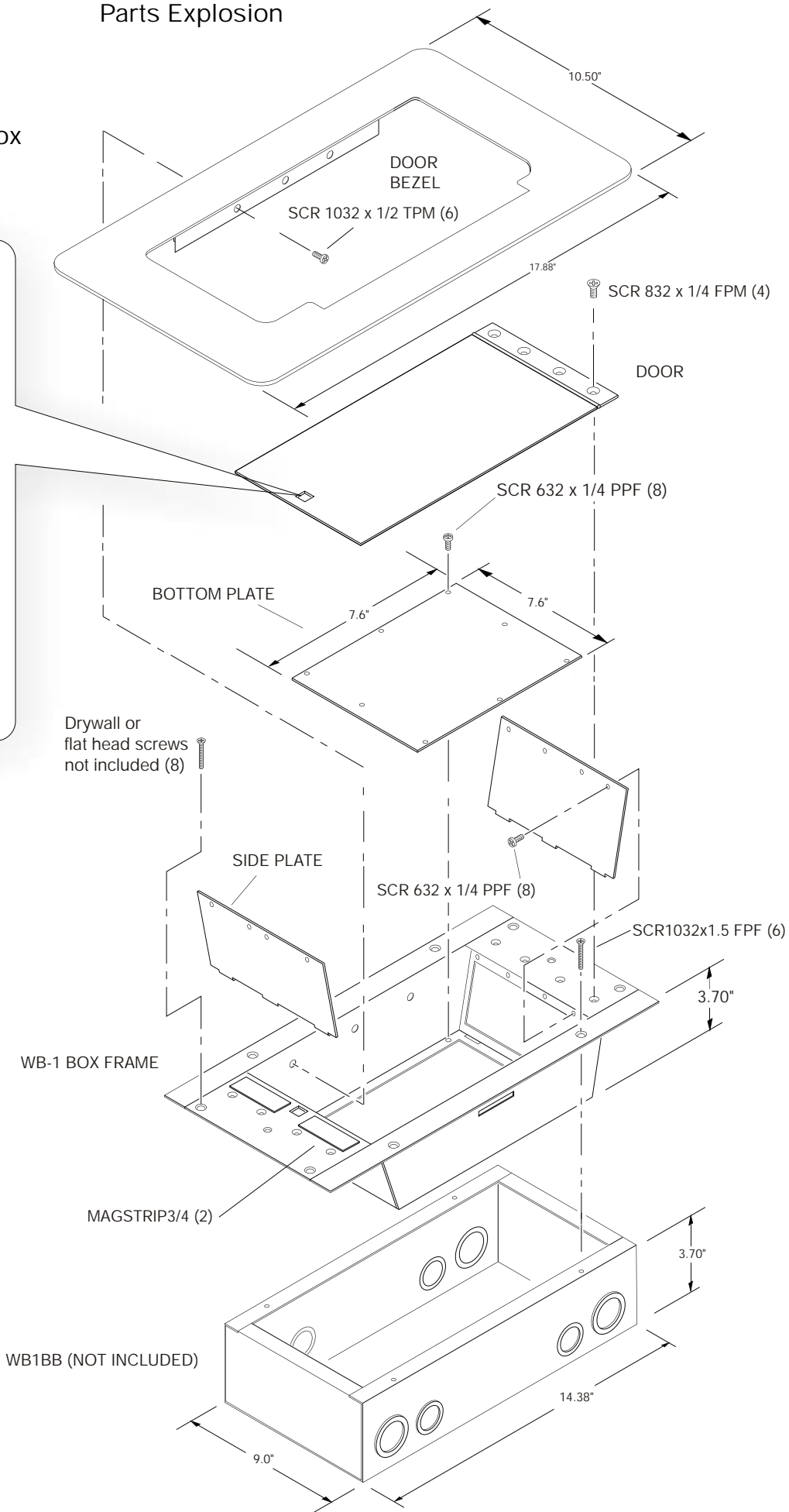
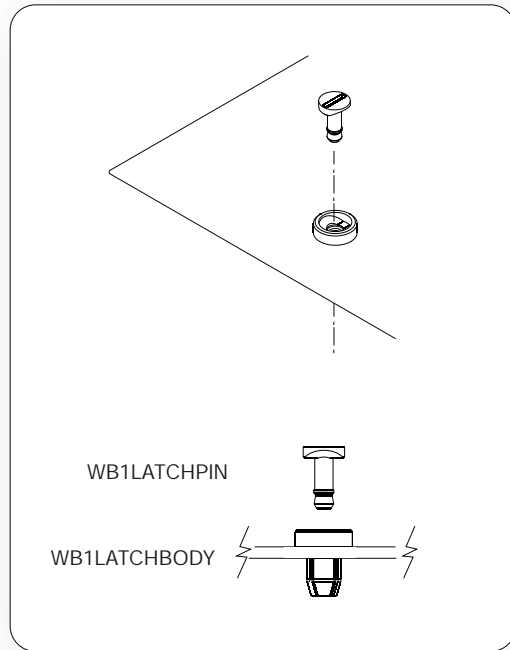


Parts Explosion

WB1 Wall mount connection box
with reversible door
WB1B - Black powdercoat finish
WB1P - Gray primer finish



WB1B and WB1P INSTALLATION INSTRUCTIONS

Whirlwind WB1* wall boxes are available in two finishes, the WB1B in black, and the WB1P in gray primer for customer finishing to match wall décor. The Whirlwind WB1* mounts in walls having 16" stud centers with a 3.7" minimum depth. The WB1* can be mounted directly into a cutout in the wall or can be installed on Whirlwind WB1BB NEMA Type 1 style electrical backboxes. The door opens to the side, swings flush to the wall for plug-in and can be fully closed with cables plugged in. The door can be installed to open either to the left or right and is held closed by magnetic strips and a positive latch that can be operated with a coin or flat screwdriver.

The WB1BB backbox is a NEMA Type 1 electrical enclosure, gray enamel with knockouts and dimensions of 9"high x 14.38"wide x 3.70"deep.

INSTALLATION WITHOUT BACKBOX

Use the supplied, full size template to lay out the hole pattern and cutout. The crosshairs in the corners of the cutout area are positioned for drilling 3/8" starter holes for cutting. Locate the wall studs that the WB1* will be mounted between and adjust the template so that the width of the cutout is centered. Use the hole center marks on the left and right to attach the box to the wall studs. The top and bottom hole center marks allow for extra support for mounting the box into the wall above and below the cutout. Use drywall or other flathead screws and ensure that the heads are flush with the box mounting flanges. The bottom of the frame has a small rectangle cutout. This side should be installed down.

INSTALLATION WITH BACKBOX

The WB1BB backbox should be installed so that the opening of the backbox is at least 1/16" behind the surface of the finished wall. This provides adjustment for final installation and positions the wall box frame tightly flush with the finished wall. Conduits should be attached only in the provided knockouts for best cable clearance. Use the supplied 10-32 x 1.5" type F self-tapping screws to mount the box frame to the backbox.

INSTALLATION OF THE DOOR AND BEZEL

The door of the WB1* can be mounted so that it will swing open to either the right or the left. Attach the door to the box frame with the provided 8-32 x1/4 flathead screws. On the opposite side, stick the two self adhesive magnetic strips above and below the square cutout. Position them so that approximately 1/3 of the width fits behind the edge of the door bezel. Push the WB1LATCHBODY through the square hole in the door and press the WB1LATCHPIN into the center of the body.

Attach the door bezel to the frame with the provided 10-32 x1/2" truss head screws. Position the cable exit at the bottom. Align the holes in the bezel flanges with the threaded holes in the inside edges of the box. Start all the screws and tighten after checking alignment with the door.

REMOVABLE CONNECTOR PANELS

WB1B and WB1P wall boxes have removable side and bottom panels for connector mounting. Plates are supplied blank and can be punched with unlimited configurations of connector layouts. The side plates will hold a maximum of twelve XLRs each. Whirlwind can supply plates prepunched and loaded with any custom layout of specified connectors.

