

WTI Part No. 14353
Rev. A

Vertical Mount Power Devices

Rack Mounting Options

WTI Vertical Mount Power Devices Rack Mounting Options

WTI's Vertical Mount Power Devices, such as the NBB Network Boot Bar and the PTS Power Transfer Switch, offer a variety of different mounting options that allow these units to be easily mounted in most common equipment racks. In addition to the mounting buttons and flat mounting plates included with NBB and PTS units, optional mounting brackets are also available for NBB units.

1. Mounting Buttons

The Mounting Buttons allow WTI Vertical Mount Power Devices to be mounted in any equipment rack that includes mounting button holes. Depending on the location of the mounting button holes, this allows the vertical device to be mounted on the posts at the rear of the equipment rack, or in some cases, mounted on the outside of the rack corner posts.

1. **Determine the Appropriate Mounting Button Locations:** Refer to Figure 1 and the table below to determine the appropriate button locations for your individual equipment rack:

| Rack Type | Distance Between Buttons (Center) | Button Holes Used |
|-----------------------------|-----------------------------------|---|
| APC, SMC, Wright Line | 49" | A1 and A1 (or) A2 and A2 |
| Standard Mounting Locations | 36.75" | STD-1 and STD-1 (or) STD-2 and STD-2 |

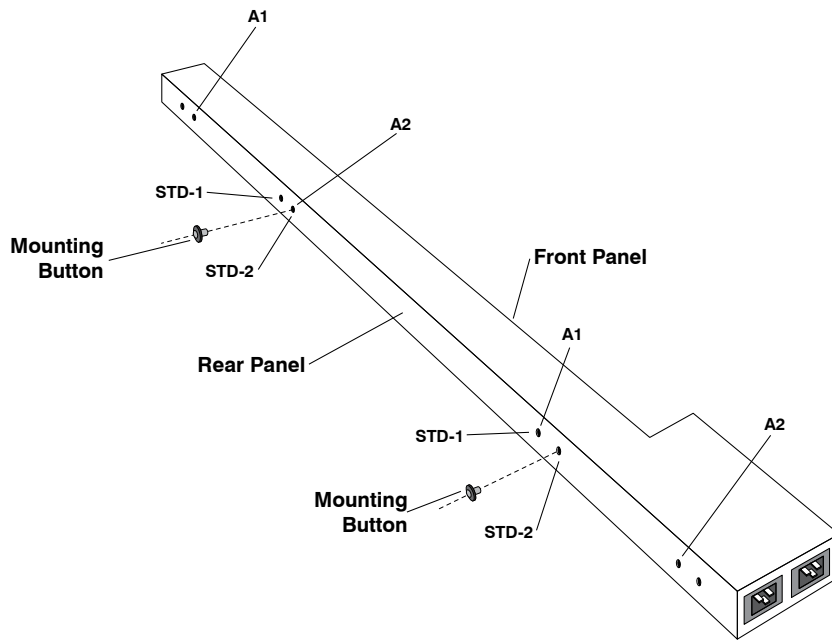


Figure 1: Installing Mounting Buttons (NBB Shown)

2. Install two Mounting Button in the holes selected in Step 1 above. Refer to Figure 2 below for further details regarding assembling the Mounting Buttons and attaching them to the vertical power device.
3. Refer to Figure 3 below to make certain that the equipment rack includes appropriate mounting button holes and then attach the WTI Vertical Mount Power Device to the rack by inserting the Mounting Buttons into the Mounting Button holes. When the vertical mount power device is in place, slide the unit downward to securely seat each Mounting Button in its corresponding hole.

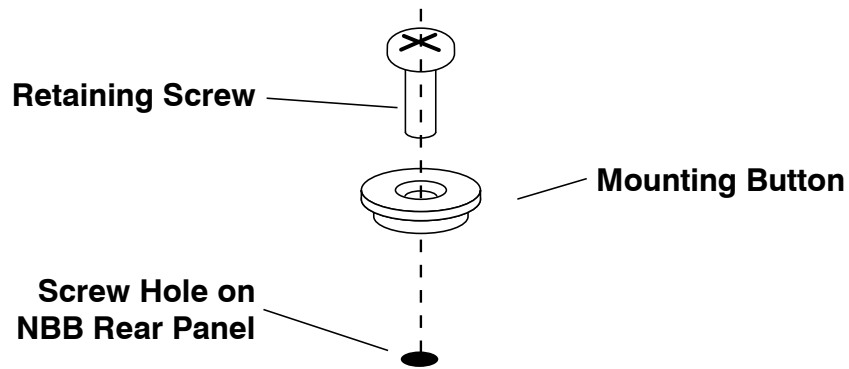


Figure 2: Attaching Mounting Buttons to the Vertical Mount Power Device

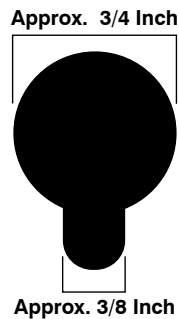


Figure 3: Mounting Button Hole Specs

2. Mounting Plates

The flat Mounting Plates included with the unit can be used to mount vertical power devices in most standard equipment racks. When the Mounting Plates are used, vertical mount power devices can be mounted facing either side of the rack.

1. **Attaching the Brackets to the Vertical Power Device:** Determine which direction the vertical mount power device will face after mounting, and then secure the Mounting plates to the device as shown in Figure 4, using the screws provided with the mounting brackets.

The Mounting Plates can either be attached to the back or side of the unit, and the unit can also be installed to face the front, rear, or either side of the equipment rack.

2. **Attaching the Mounting Plates to the Equipment Rack:** Determine which direction the vertical mount power device will face in the rack, then line the screw holes in the Mounting Plates up with two holes in the equipment rack mounting strip. Make certain that the unit is level, and then use two screws to secure each Mounting Plate to the rack as shown in Figure 4.

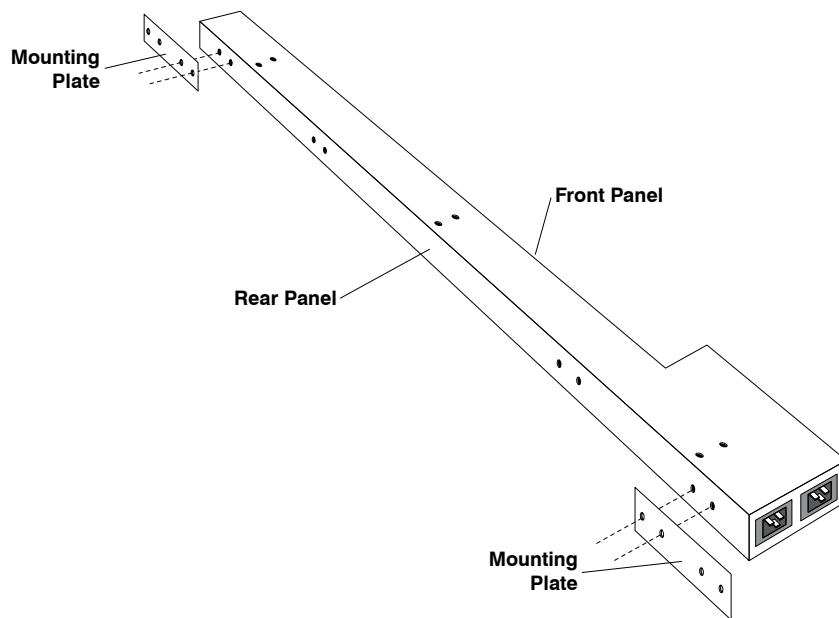


Figure 4: Installing Mounting Plates (NBB Shown)

3. Mounting Brackets (Optional)

In addition to the Mounting Buttons and Mounting Plates that are included with WTI Vertical Mount Power Devices, optional mounting brackets are also available for NBB series Network Boot Bar products. The optional Mounting Brackets allow the NBB to be installed on the mounting rails found in most standard equipment racks.

1. **Attaching the Mounting Brackets to the NBB:** The Mounting Brackets can be attached to the NBB unit using the three pairs of screw holes on either side of the NBB unit. Use screws supplied with the Mounting Bracket kit to secure three Mounting Brackets on one side of the NBB unit as shown in Figure 5 below.
2. **Attaching the Mounting Brackets to the Equipment Rack:** Align the Mounting Brackets with the screw holes in the equipment rack's mounting rail and then use a retaining screw to secure each Mounting Bracket to the equipment rail.

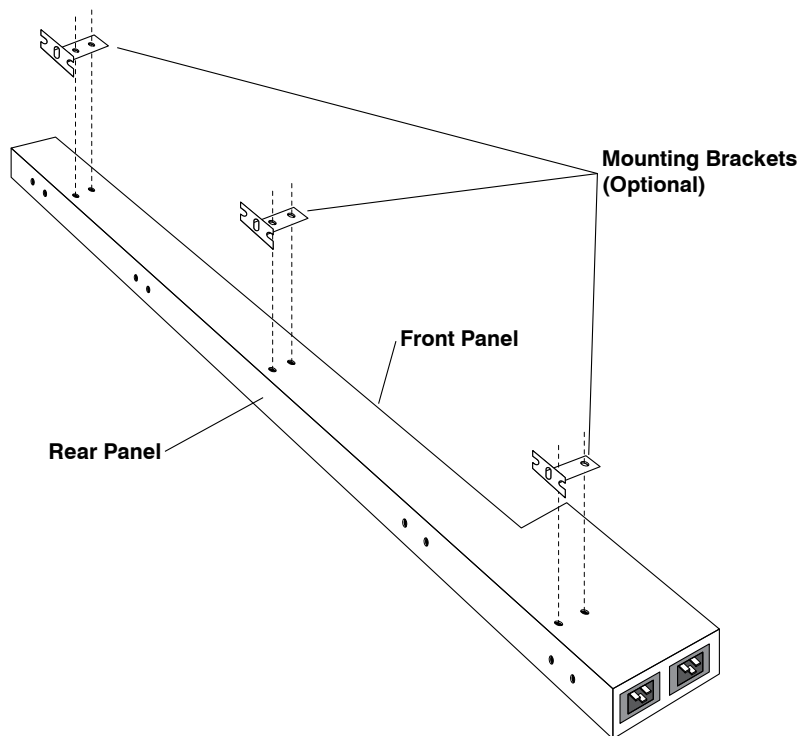


Figure 5: Installing Optional Mounting Brackets (Not Available for PTS Series Units)



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