M4800 and M4800A Patch Panel Instructions

General

The M4800 and M4800A modular panels are highly flexible 48-port patch panel assemblies available in GigaSPEED®, PowerSUM, or UNJ configurations. When installed with M-series or UNJ information outlets, modular patch cords, and cables, they are an integral part of the CommScope® connectivity system. The panels mount in a standard 19-inch (483mm) equipment rack with universal hole spacing.

Ordering information is listed below:

<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>760105429</td>
<td>M4800 GS flat panel (GigaSPEED)</td>
</tr>
<tr>
<td>760104307</td>
<td>M4800 PS flat panel (PowerSUM/UNJ)</td>
</tr>
<tr>
<td>760109744</td>
<td>M4800A GS angled panel (GigaSPEED)</td>
</tr>
<tr>
<td>760109736</td>
<td>M4800A PS angled panel (PowerSUM/UNJ)</td>
</tr>
</tbody>
</table>

A separately orderable rear cable management bar (760104737) is available for use with the M4800/M4800A panel and a separately orderable removal tool kit (760122713) is required for use with the panel.

How to Contact Us

- To find out more about CommScope® products, visit us on the web at http://www.commscope.com/
- For technical assistance:
  - Within the United States, contact your local account representative or technical support at 1-800-344-0223. Outside the United States, contact your local account representative or Authorized Business Partner.
  - Within the United States, report any missing/damaged parts or any other issues to CommScope Customer Claims at 1-866-539-2795. Outside the United States, contact your local account representative or Authorized Business Partner.
Tools Required
- Phillips head screwdriver

Parts List
Verify parts shipped against the parts listed in the table below.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>M4800 Panel</th>
<th>M4800A Panel</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PS GS PS GS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>—</td>
<td>M4800 flat panel assembly</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>1</td>
<td>M4800A angled panel assembly</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>—</td>
<td>Panel end caps</td>
</tr>
<tr>
<td>50</td>
<td>—</td>
<td>50</td>
<td>MPS/UNJ outlet caps</td>
</tr>
<tr>
<td>—</td>
<td>50</td>
<td>—</td>
<td>MGS outlet caps</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>4</td>
<td>12-24 x 1/2” mounting screws</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>Label sheet</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>Instruction sheet</td>
</tr>
</tbody>
</table>

Step 1A – M4800 Flat Panel Installation (Skip to Step 1B for Installation of M4800A Angled Panel)

Install Mounting Screws

1. Partially install four 12-24 x 1/2” screws in equipment uprights in a 1U panel spacing as shown.
Install Panel on Rack

1. Position panel against rack rails offset to the left of the partially installed screws.
2. Align slots in panel with screws and slide panel to right to engage screws.

Secure Panel to Rack

1. Use a screwdriver to access screws through holes in panel. Tighten screws to secure panel to rack.
Install End Caps

1. Snap end caps into place on panel as shown.

**Step 1B – M4800A (Angled) Panel Installation**

**Install Panel on Rack**

1. Use four supplied 12-24 x ½” screws to secure panel to rack.
2. Connect cables to outlets per instructions provided with the individual outlets.
Step 2 – Attach Separately Orderable Cable Management Bar

1. Attach cable management bar to rear of equipment rack using the four provided 12-24 x 1/2" screws as shown. Bar should be level with lower row of outlets.

2. Assemble cable management bar components per instructions provided with the bar.

Step 3 – Terminate Outlets, Install Modular Caps on Outlets, and Populate Panel

1. Terminate cables to outlets per the instructions provided with the individual outlets.

   **Note:** Use a D914 impact tool (on HI setting) with M110 cutting blade and hand puck or the **JackRapid** termination tool to punch down conductors. Trimming conductors with side-cutters or fine edge cutters is not allowed due to the tight spacing of the outlets.

2. After termination of outlets, snap the provided modular caps onto the outlets.

3. Populate the panel with outlets, then using the instructions provided with the cable bar, route and secure cables to bar using the provided hook-and-loop straps.
Step 4 – Install Port Designation Labels

1. Apply labels to front of panel as shown for port designation.

Step 5 – Using Module Removal Tool (Part of Removal Tool Kit 760122713)
To Remove End Cap

1. Insert provided tool into slot as shown.
2. Use tool to pry end cap loose from panel.
To Remove an Outlet

1. Position tool as shown and insert into front of outlet to depress locking tabs.
2. Remove outlet from rear of panel

To Remove Modular Cap

1. Insert tool into slot as shown and pivot forward to disengage modular cap for removal from outlet.