SYSTIMAX 360™ iPatch® Panels Installation

General

These instructions describe how to install **iPatch**® **SYSTIMAX 360**™ **PATCHMAX**® panels, **SYSTIMAX 360** Evolve modular panels (both flat and angled), and **InstaPATCH QUATTRO** panels to the **iPatch** panel bus. They also describe how to connect these panels for use with the **iPatch** manager. The **iPatch** panels are **SYSTIMAX**® approved products. The panels can be used in an **iPatch** System for both EIA-T568A and EIA-T568B wiring applications.

Refer to the following instruction sheets for installing and cabling the specific panels:

- *SYSTIMAX 360 PATCHMAX Panel Installation Instructions* (860488808).

- *SYSTIMAX 360 1100GS3 & 1100GS6 Evolve Modular Panel Instructions* (860509967)

- *SYSTIMAX 360 FTP Evolve Panel Instructions* (860509975)

- *SYSTIMAX InstaPATCH QUATTRO Modular Panel Instructions* (860514066)

Ordering information is listed below:

Material ID	Part No.	Description
760201137	360-iP-1100-E-GS3-1U-24	**360 iPatch** 1100 GS3 Evolve patch panel, 24-port
760201145	360-iP-1100-E-GS6-1U-24	**360 iPatch** 1100 GS6 Evolve patch panel, 24-port
760201111	360-iP-1100-E-GS3-2U-48	**360 iPatch** 1100 GS3 Evolve patch panel, 48-port
760201129	360-iP-1100-E-GS6-2U-48	**360 iPatch** 1100 GS6 Evolve patch panel, 48-port
760201178	360-iP-MFTP-E-HD6B-1U-24	**360 iPatch** FTP Evolve patch panel, 24-port
760201186	360-iP-MFTP-E-HD6B-2U-48	**360 iPatch** FTP Evolve patch panel, 48-port
760158626	360-iP-1100A-E-GS3-1U-24	**360 iPatch** 1100 GS3 Evolve angled patch panel, 24-port
760158634	360-iP-1100A-E-GS3-2U-48	**360 iPatch** 1100 GS3 Evolve angled patch panel, 48-port
760158642	360-iP-1100A-E-GS6-1U-24	**360 iPatch** 1100 GS6 Evolve angled patch panel, 24-port
760158659	360-iP-1100A-E-GS6-2U-48	**360 iPatch** 1100 GS6 Evolve angled patch panel, 48-port
760158667	360-iP-MFTPA-E-HD6B-1U-24	**360 iPatch** FTP Evolve angled patch panel, 24-port
760158675	360-iP-MFTPA-E-HD6B-2U-48	**360 iPatch** FTP Evolve angled patch panel, 48-port
760201244	360-iP-PMAX-GS3-24	**360 iPatch PATCHMAX** GS3 panel, 24-port
760201269	360-iP-PMAX-GS6-24	**360 iPatch PATCHMAX** GS6 panel, 24-port
760201210	360-iP-PMAX-GS3-48	**360 iPatch PATCHMAX** GS3 panel, 48-port
760201236	360-iP-PMAX-GS6-48	**360 iPatch PATCHMAX** GS6 panel, 48-port
760161000	360-iP-INSTA-QTRO-24P	**360 iPatch InstaPATCH QUATTRO** panel, 24-port

For RoHS Inquiries:
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Attn: Legal Department

How to Contact Us

- To find out more about **CommScope**® products, visit us on the web at 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 **PartnerPRO**™ Network Partner.

  - Within the United States, report any missing/damaged parts or any other issues to **CommScope** Customer Claims at 1-866-539-2795 or email to claims@commscope.com. Outside the United States, contact your local account representative or **PartnerPRO** Network Partner.

⚠️ WARNING – Important Safety Instructions

- To reduce the risk of fire, electric shock, and injury to persons, read, understand, and adhere to the following instructions as well as any warnings marked on the product.

- Remote risk of electric shock. Never install the product in wet locations or during lightning storms. Never touch uninsulated communication wires or terminals.

- All wiring that connects to this equipment must meet applicable local and national building codes and network wiring standards for communication cable.

- **iPatch** upgrade modules use infrared sensing technology and should be installed where they are not exposed to direct sunlight or other infrared sources.

Save these instructions.

Overview

To prepare panels for use with an **iPatch** System, you must perform the following steps:

Step 1 – Mount a panel bus for the rack.

Step 2 – Install an **iPatch** manager to supervise the rack.

Step 3 – Connect each panel to the panel bus.

Step 4 – Program the order of the panels in the rack.

Step 1 – Mount the Panel Bus

A panel bus must be installed on each rack where you plan to **iPatch** install panels. The panel bus allows the **iPatch** Manager and **iPatch** panels to communicate. Also, the **iPatch** Manager supplies power to the **iPatch** panels through the panel bus.

The panel bus must be installed to the left on the rack (viewed from the front). The preferred location is the back corner of the rack's left rail. The area where the panel bus will be mounted must be free of protrusions, such as threaded inserts, nuts, and bolts.

To mount the panel bus on a rack other than a 7-foot (2.1m) rack or on a rack with a hole pattern other than the universal hole pattern, contact your local account representative.

For instructions to install the panel bus for the rack, see the **SYSTIMAX**® **iPatch** *System Panel Manager Guide* (860442573).
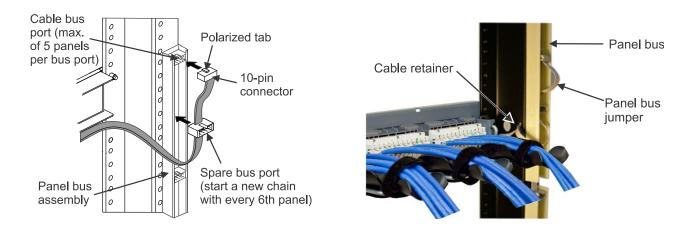
Step 2 – Install the iPatch Manager

An **iPatch** manager must be installed on each rack where you plan to install panels. The **iPatch** manager supervises the **iPatch** panels in the rack and communicates with the **iPatch** System.

CommScope recommends mounting the panel manager in the 34th 1U slot up from the bottom of the rack so that the top of the unit is about 65 inches (1.6m) above the floor. For instructions to install and configure the panel manager, see the ***SYSTIMAX iPatch*** *System Panel Manager Guide* (860442573)

Step 3 – Connect Panels to the Panel Bus

To connect each panel to the panel bus, perform the following steps:

1. Unfold panel bus jumper and insert female 10-pin connector into the nearest cable bus port on panel bus assembly.

2. Install spare port built into jumper cordage into panel bus frame by turning it at an angle, inserting into frame, and turning it back perpendicular to frame.

3. Position cable retainer on the panel bus jumper and remove the adhesive backing from the cable retainer. Press the cable retainer against the rack where indicated.

Note: The connector is keyed. The polarized tab on the jumper connector fits into the opening in the header connector on the panel bus.

Important: For 48-port panels, connect both panel bus jumpers.

Step 4 – Program the Order of Panels

To complete the installation, restore power to the panel manager for the rack and program the order of the panels. For instructions, see the ***SYSTIMAX iPatch*** *System Panel Manager Guide* (860442573).