Slide Rail Installation

Description

Note: Read the General Safety Information on the other side of this sheet before attempting installation.

The Slide Rails consist of individual left and right Slide Rails. Details of the Slide Rails are shown below.

Setting the Multi-Pin Adapters for Rack Type

Notes: The 10-32 threaded hole in the center of the Multi-Pin Adapter is for securing during shipping (if desired) and for the attachment of front panel blanks (if desired).

The Slide Rails are shipped with the Multi-Pin Adapters set for square holes. If your rack has square mounting holes, skip this section.

The Multi-Pin Adapters allow the Slide Rails to be used in racks that have square mounting holes or round mounting holes.

1. On each Slide Rail, reverse the Multi-Pin Adapter position to match the rack mounting hole type if necessary. Remove the Multi-Pin Adapter by rotating the Swivel Lock up; pressing the mounting pins together, and then pulling the adapter from the Multi-Pin bracket.

2. Install the Multi-Pin Adapter by pressing the pins together while inserting adapter into bracket. Multi-Pin Adapter must be fully locked in bracket. Make certain both mounting pins on Multi-Pin Adapter are fully engaged in Multi-Pin Bracket, then lock Multi-Pin Adapter in place using the Swivel Lock.

3. Repeat the above steps for both ends of each Slide Rail.

Installing the Slide Rails into the Rack

1. At all four rack uprights, determine the vertical position in the rack where the Slide Rails are to be installed. The top-most mounting hole for a particular Rack Unit (RU) mounting position is typically identified by a mark or hole.

2. Noting the holes determined in the previous step, align the left Slide Rail with its mounting holes.

3. Hold the Slide Rail in desired rack mounting position. At the rear of Slide Rail, press the Multi-Pin Adapter mounting pins together and insert the Slide Rail into rack upright.

4. Making certain the proper mounting holes on rack upright are selected, repeat the above step at the Slide Rail front mounting position. Ensure Slide Rail is level.

5. Fully extend the Slide Rail to its fully extended (locked) position. Press the Slide Extension Release Levers to release the lock. Move the Slide Rail in and out throughout its entire range of motion and make certain it does not bind. If binding is noticed, recheck the mounting positions.

6. Repeat steps 2 through 5 for the right Slide Rail, ensuring that it is parallel and level with the left Slide Rail.

Installing the Component into the Slide Rails

Note: If optional Cable Management Arm (CMA) is to be installed, install it now before installing the component. Access to rear of Slide Rails is required to install the CMA. (See Cable Management Arm Installation on the other side of this sheet for CMA installation instructions.)

1. Extend both Slide Rails into the fully extended (locked) position.

2. Align the mounting studs with the Component Mounting Channels on the Slide Rails.

3. Carefully place the component’s mounting studs in the Component Mounting Channels on the Slide Rails.

Allow the component mounting studs to fully seat in the Component Mounting Channels. The Component Release Levers (one on each Slide Rail) pivot out of the way and then back in place when the studs are fully engaged in the mounting channels. Ensure that the Component Release Levers are in locked position.

4. Press and hold the left and right Slide Extension Release Levers and slowly slide the component and Slide Rails into the fully retracted position.
Description

Note: Read the General Safety Information below before attempting installation.

The Cable Management Arm (CMA) pivots at its rear mounting position, and slides along its front mounting position with the Slide Rail track. An overall view of the CMA and its details are shown below.

Required Installation Position of the CMA

The CMA can be installed on either the left Slide Rail or right Slide Rail (the mounting tabs on either end are identical). Regardless of the selected position, the CMA must be oriented as shown below to properly function.

Installing the CMA on the Slide Rails

1. Pull the Slide Rails out to the fully extended (locked) position.
2. Loosely position the CMA in mounting position, noting the placement requirements specified above.
3. Place the Spacer Block in mounting position on the end of the CMA chosen to be the rear (pivoting) end. Attach the CMA (along with Spacer Block) to the rear of Slide Rail using the captive thumbscrew.
4. Attach the Anti-sag Bar to the Anti-sag Bar Sliders on the left and right Slide Rails.
5. At the front (sliding) end of the CMA, fully extend the CMA to the Slide Rail track using the captive thumbscrew.
6. Press and hold the left and right Slide Extension Release Levers and slowly move the Slide Rails throughout their entire range of motion. Ensure the CMA folds and expands without binding. If binding is noticed, recheck mounting of CMA as described in Required Installation Position of the CMA.

Placing and Securing Cabling Within the CMA

1. After installing the component in the Slide Rails, fully extend the Slide Rails until they lock.
2. Connect all required cables to the component.
3. Place the cables in the cable cutouts and into the cabling channels.
4. Use the six supplied straps to secure the cables within the cabling channels.
5. Press and hold the left and right Slide Extension Release Levers and slowly slide the component throughout its entire range of motion to ensure that cabling is not strained or restricting movement of Slide Rails. Make certain cabling is not pinched when slides and CMA are in the fully retracted position.

General Safety Information

WARNING: WARNING statements indicate a possible hazard which, if not avoided, could result in personal injury or death.

Caution: Caution statements indicate a problem or unsafe practice which, if not avoided, could result in product or property damage.

Note: Note statements provide supplemental information.

WARNING: For complete safety and regulatory information, see your System Information document. This Slide Rail kit is intended only for use with components of 1 RU or 2 RU height. Maximum component weight: 18.2 kg (40 lb) for 1 RU; 38.6 kg (85 lb) for 2 RU.

Installing components in a rack without the front and side stabilizers could cause the rack to tip over. Always install the stabilizers before installing components in the rack. Always load the rack from the bottom up. Load the heaviest component in the rack first in the lowest position.

When preparing to install a component in the rack, always extend the Slide Rails into the locking position, and then slide the component into the Slide Rail mounting positions.

Use caution when pressing the Slide Rail release latches and sliding the component in or out of the rack; the Slide Rails can pinch your fingers. If component being installed into Slide Rails exceeds 22.6 kg (50 lb), two persons should lift the component into the Slide Rails. NEVER use the Slide Rails as a step. Do not stand or sit on the Slide Rails.

Caution: Ensure that the position selected for each installed component allows for proper ventilation of each component. Consult component documentation as required.

Note: Your system is safety-certified as a free-standing unit and as a component for use in a rack cabinet using the customer rack kit when both the rack cabinet and rack kit were designed for your system. The installation of your system and rack kit in any other rack cabinet has not been approved by any safety agency. It is your responsibility to have the final combination of system and rack kit in a cabinet evaluated for suitability by a certified safety agency. The manufacturer disclaims all warranties and liabily in connection with such combinations.