Overview

This Quick Start Guide covers the NMX-VRK V-Style Rack Shelf (**FG3201-60**) and includes instructions on using it to mount various sized devices side-by-side in a single rack unit. The rack shelf can be used with or without fill plates, which fill the rack shelf with a more professional-looking installation. Fill plates are available in 1/12, 1/6, 1/3, 1/4, and 1/2 rack width sizes. One 1/2 rack width fill plate is included with the rack shelf. FIG. 1 displays the NMX-VRK Rack Shelf.
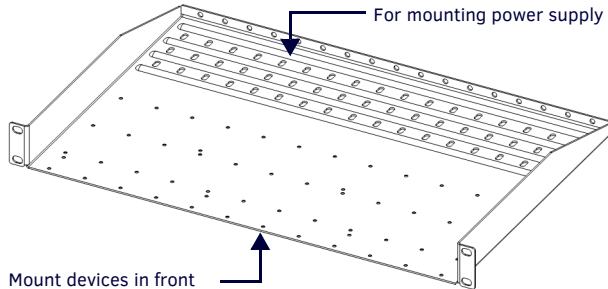

FIG. 1 NMX-VRK V-STYLE RACK SHELF

You can mount devices in rack shelf facing in either direction as illustrated in FIG. 2.

Front view with devices facing to front

Front view with devices facing to rear

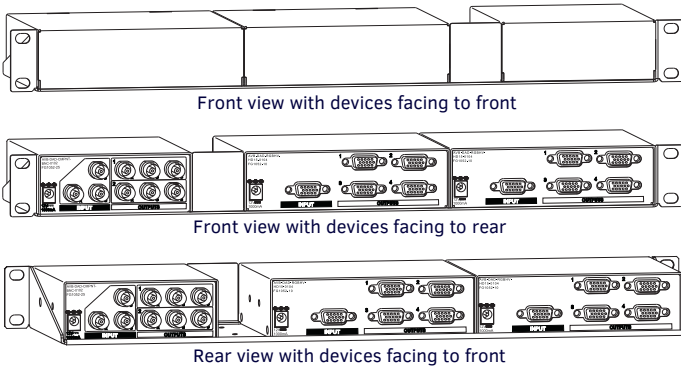Rear view with devices facing to front

FIG. 2 OPTIONS FOR PLACING DEVICES IN THE TRAY (SHOWN WITH FILL PLATES)

Tip: *If multiple fill plates are required, use a minimum of fill plates by selecting the largest sizes that will fill the space first.*

Mounting Devices in Rack Shelf

1. Invert the device and the rack shelf for ease of installation.
2. Attach the rack shelf to the bottom of the encoder using the #4-40 3/16-inch undercut flat head screws (provided). Insert the screws through the underside of the rack shelf and into the holes on the bottom of the encoder. Note that only two screws are required (see FIG. 3).
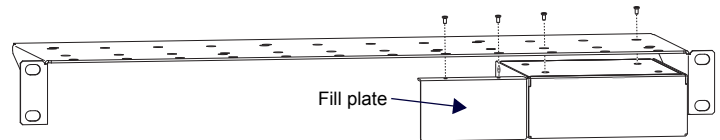

Fill plate

FIG. 3 INVERT TRAY AND MODULE (AND FILL PLATES IF APPLICABLE) FOR EASE OF INSTALLATION

3. Install the rack shelf in a standard EIA 19 in. (48.26 cm) rack and secure it with rack-mounting screws.
4. Optional: Attach fill plates using the #4-40 3/16-inch undercut flat head screws (provided). Be sure to use the screw holes closest to the front of the tray.
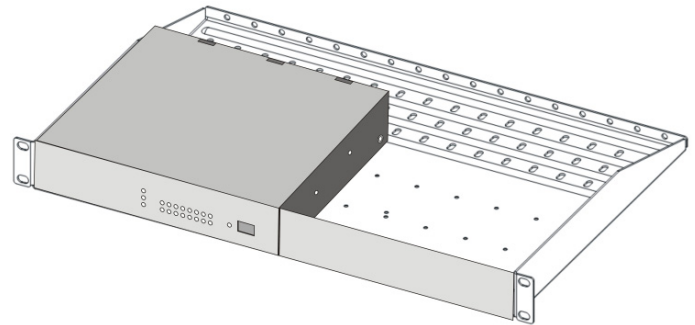

FIG. 4 RACK SHELF WITH MOUNTED DEVICE AND FILL PLATE

Mounting a Power Supply (Optional)

Located at the rear of the rack shelf are several perforated holes for mounting a power supply for each mounted device (see FIG. 1). Using wire or cable ties (not provided), you can secure a power supply to the rear of the rack shelf.

1. Place the power supply on the rear of the rack shelf in a position in which it can easily reach the power input on its associated device.
2. Thread a wire tie through the holes on the rack shelf and around the power supply, creating a loop around the power supply. With the loop completed, twist or lock the tie to secure the power supply in its place. You can use multiple ties to sufficiently secure the power supply.