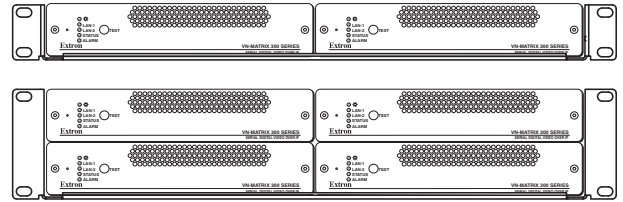


# VNM RMK VN-Matrix Rack Mount Kits • Setup Guide

This setup guide provides instructions for an experienced installer to mount Extron® VN-Matrix™ 200 and VN-Matrix 300 units using the following rack mounting kits:

- **VNM Dual RMK VN-Matrix Dual Rack Mount Kit - Shelf** — This 1U rack shelf, part number 60-1130-01, can accommodate one or two VN-Matrix devices, side-by-side.
- **VNM Quad RMK VN-Matrix Quad Rack Mount Kit - Shelf** — This 2U rack shelf, part number 60-1131-01, can accommodate up to four VN-Matrix devices, side-by-side and stacked.



## UL Guidelines for Rack Mounting

The following Underwriters Laboratories (UL) guidelines are relevant to the safe installation of VN-Matrix units in a rack when mounted to these products:

1. **Elevated operating ambient temperature** — If the unit is installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient temperature. Therefore, install the equipment in an environment compatible with the maximum ambient temperature (T<sub>ma</sub>: +95 °F, +35 °C) specified by Extron.
2. **Reduced air flow** — Install the equipment in the rack so that the equipment gets adequate air flow for safe operation.
3. **Mechanical loading** — Mount the equipment in the rack so that uneven mechanical loading does not create a hazardous condition.
4. **Circuit overloading** — Connect the equipment to the supply circuit and consider the effect that circuit overloading might have on overcurrent protection and supply wiring. Consider the equipment nameplate ratings when addressing this concern.
5. **Reliable earthing (grounding)** — Maintain reliable grounding of rack-mounted equipment. Pay particular attention to supply connections other than direct connections to the branch circuit (such as the use of power strips).

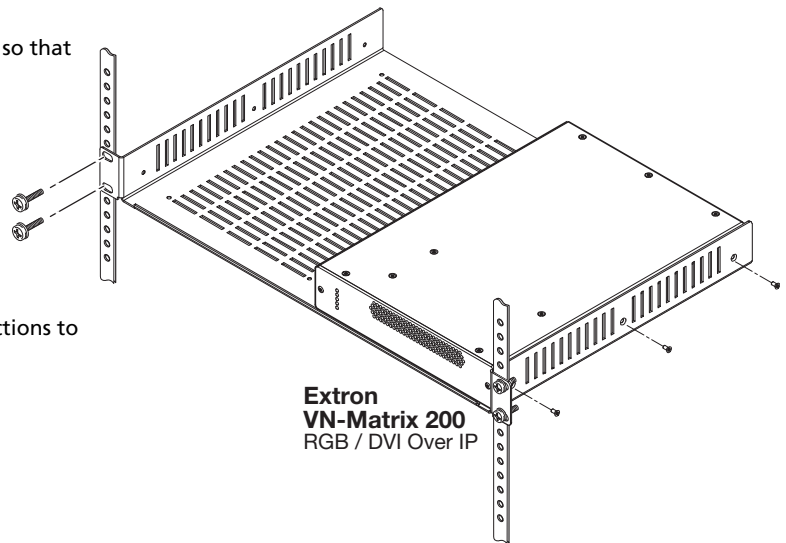


Figure 1. Installation of a Unit to the Dual Rack Mounting Kit

## Tools Required

The following tools are needed:

- Phillips head screwdriver
- Small flat blade screwdriver

**CAUTION:** Safe and sufficient support of cables attached to the rear of the VN-Matrix units must be provided.

## Mounting Procedure

Mount the VN-Matrix units on the shelf and mount the shelf in a rack, as follows:

1. Remove any installed rubber feet from the units.
2. Remove and retain all three screws from one side of the unit.
3. Mount the unit to the rack shelf using the screws removed in step 2 (③).
4. Repeat steps 1 through 3 for all other VN-Matrix units to be installed on the shelf, as necessary.
5. Insert the shelf into the rack, aligning the holes in the shelf with those of the rack.
6. Secure the shelf to the rack using the supplied machine screws (⑥).

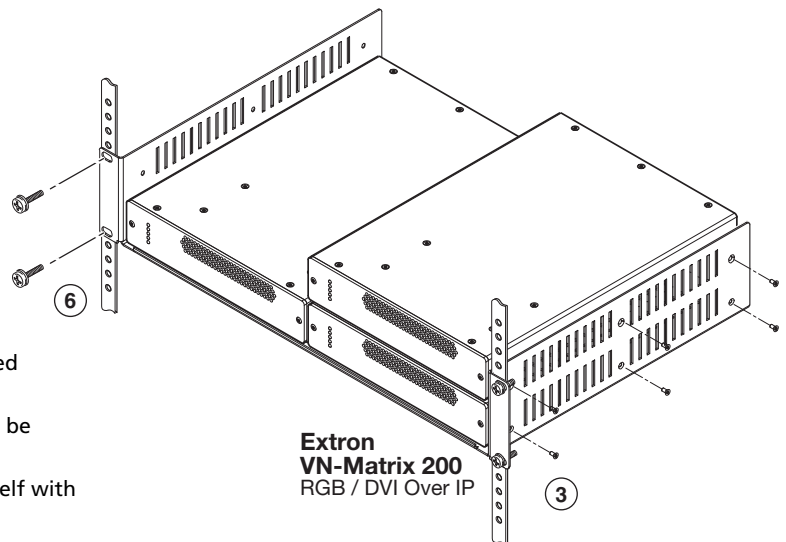


Figure 2. Installation of a Unit to the Quad Rack Mounting Kit

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