Rack mounting Matrox Monarch units

Required hardware

- One (1) mounting shelf (19 in. / 48.26 cm).
- Six (6) angled brackets for mounting three Monarch HD units, or two Monarch HDX or LCS units (not needed for Monarch EDGE).
- Four (4) #10-32 × 3/4 in. Phillips pan head screws.
- Four (4) #12-24 × 3/4 in. Phillips pan head screws.
- Twenty-two (22) M3 4mm flat head screws for Monarch HD, HDX, and LCS installations.
- Six (6) M3 6mm flat head screws for Monarch EDGE installation only. Do **not** use the 6mm screws with any other Monarch product.

If you need replacement screws, make sure they are M3 4mm or 6mm screws. Using different or longer screws may damage the device.

Mounting guidelines

To prevent damage to your Matrox hardware, read the following guidelines before mounting:

- (Mounting shelf only) Secure the shelf to your rack as per your rack's instructions. Compatible pan head screws are provided.
- (Mounting shelf only) The mounting shelf has existing holes for your Monarch that allows the shelf to be facing forward or backward.
- (Monarch EDGE only) Remove the rubber bumpers from the bottom of the Monarch EDGE before securing it to the mounting shelf.
- Use a hand screwdriver to carefully tighten each screw. Do not over-tighten the screws.
- Don't stack anything directly over the unit, and make sure the cables connected to your unit are properly secured (no tension applied).
- Make sure the ambient temperature doesn't exceed the maximum recommended temperatures, as described in the Monarch user guide.
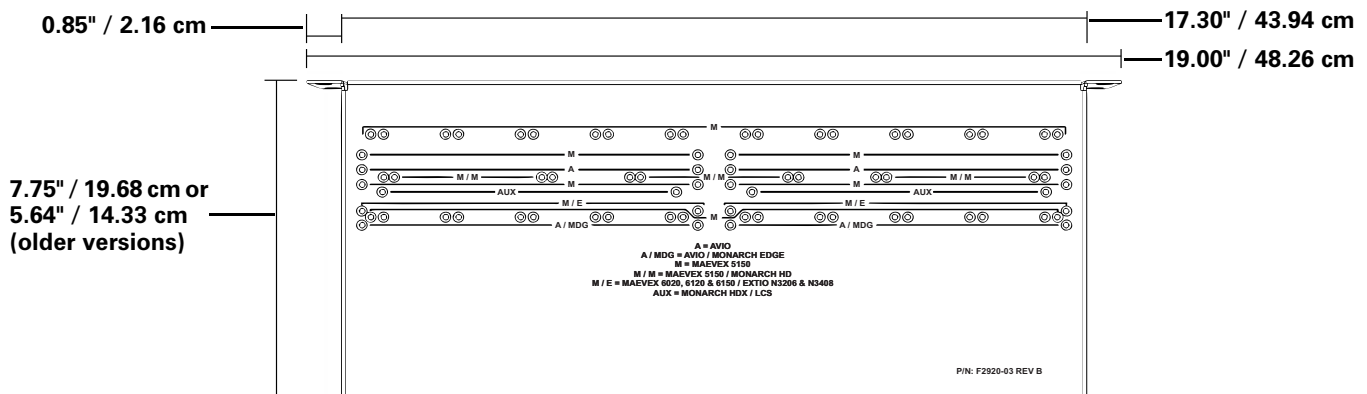
Mounting procedure

Monarch HD, HDX, and LCS

1 Use the M3 4mm flat head screws to secure two angled brackets to your Monarch (one on each side).

  Each Monarch has two (2) mounting holes on each side, and each angled bracket has two screw holes (upper and lower). For Monarch HDX and LCS, use the **lower** holes. For Monarch HD, use the **upper** screw holes.

2 Use the M3 4mm flat head screws to secure the Monarch to the mounting shelf using the angled brackets.

  Use the outer **M / M** holes for Monarch HD. Use the **AUX** holes for LCS/HDX.

3 Secure the mounting shelf to your rack as per your rack's instructions. The screws provided are compatible with most rack mounts.
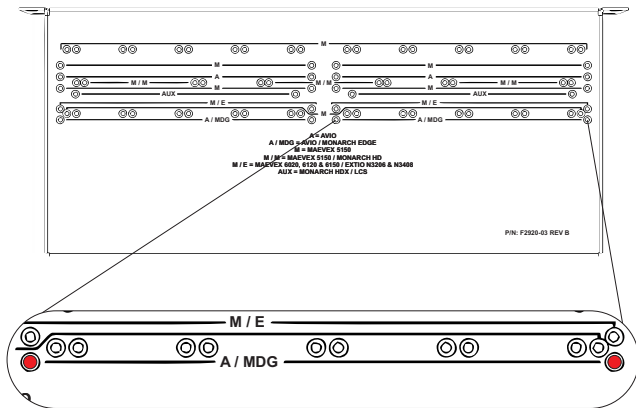
Monarch EDGE

1 Remove the rubber bumpers from the bottom of the Monarch EDGE device. You will not be able to attach the EDGE to the mounting shelf with the bumpers connected.

2 Use the M3 6mm flat head screws to secure the Monarch EDGE directly to the mounting shelf.

  Use the **A / MDG** holes.

3 Secure the mounting shelf to your rack as per your rack's instructions. The screws provided are compatible with most rack mounts.
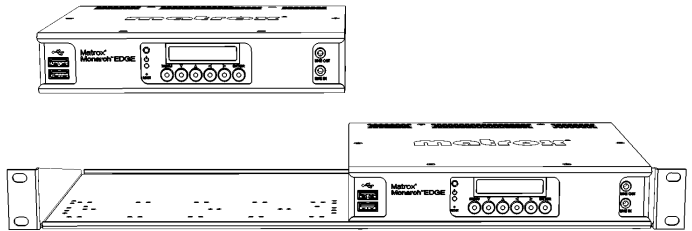
Mounting shelf dimensions

0.85" / 2.16 cm — 17.30" / 43.94 cm — 19.00" / 48.26 cm

7.75" / 19.68 cm or 5.64" / 14.33 cm (older versions)

A = AVIO
A / MDG = AVIO / MONARCH EDGE
M = MAEVEX 5150
M / M = MAEVEX 5150 / MONARCH HD
M / E = MAEVEX 6020, 6120 & 6150 / EXTIO N3206 & N3408
AUX = MONARCH HDX / LCS

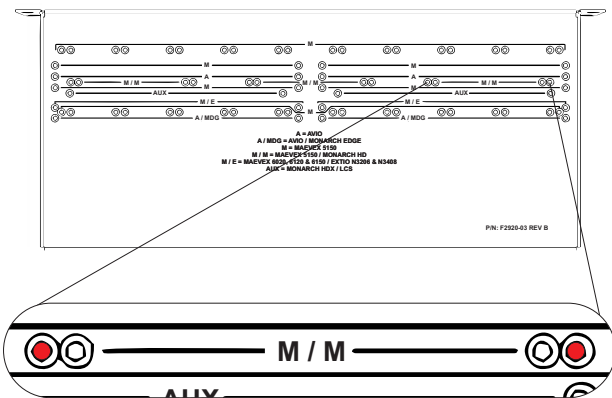P/N: F2920-03 REV B

Mounting examples
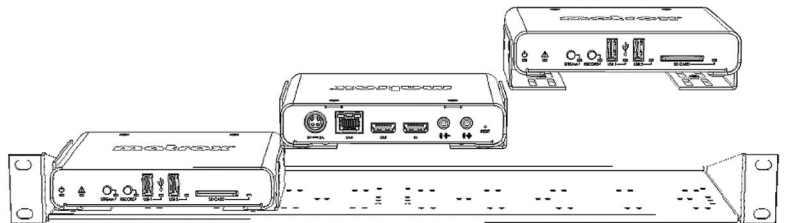
Matrox Monarch EDGE

NOTE: Remove the rubber bumpers from the bottom of the Monarch EDGE before securing it to the mounting shelf.
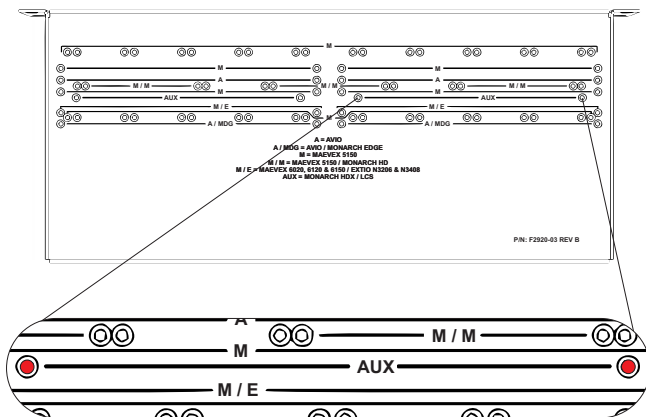
Matrox Monarch HD

NOTE: Secure the angled brackets to the Monarch *before* attaching to the mounting shelf. Use the upper screw holes for Monarch HD.

Matrox Monarch HDX and Monarch LCS

NOTE: Secure the angled brackets to the Monarch *before* attaching to the mounting shelf. Use the lower screw holes for Monarch HDX and Monarch LCS.