

INSTALLATION GUIDE

EMD4000-RMK1

EMERALD 4K RACKMOUNT TRAY

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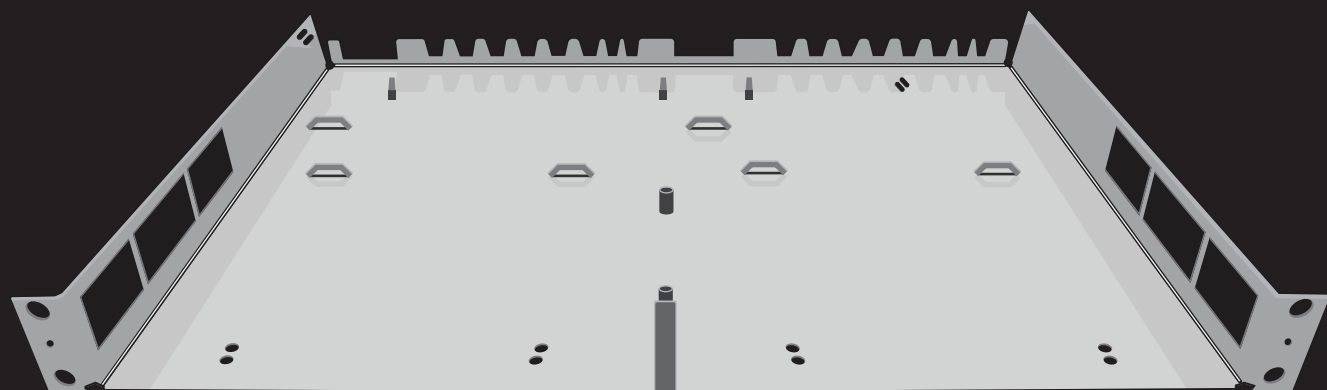


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CHAPTER 1: OVERVIEW

1.1 INTRODUCTION

Use the Emerald 4K Rackmount Tray (EMD4000-RMK1) to mount up to (2) Emerald 4K Transmitter and/or Receiver (EMD4000-T/R) units in a 2-1/4-post 19" rack or cabinet.

1.2 SAFETY

WARNING!

Rack loading – Overloading or uneven loading of racks may result in shelf or rack failure, possibly damaging the equipment and causing personal injury. Stabilize racks in a permanent location before loading begins. Do not exceed your rack's load rating.

1.3 WHAT'S INCLUDED

The EMD4000-RMK1 contains the following:

- ◆ Rack Tray (including one blank panel)
- ◆ Hardware kit – (2) locking brackets, (4) each screw & cage nuts, (2) thumbscrews, (8) M3 x 6mm countersunk screws
- ◆ Insert Card – How to download your documentation

1.4 RACKMOUNT TRAY ILLUSTRATED

Figure 1-1 shows the inside of the rackmount tray.

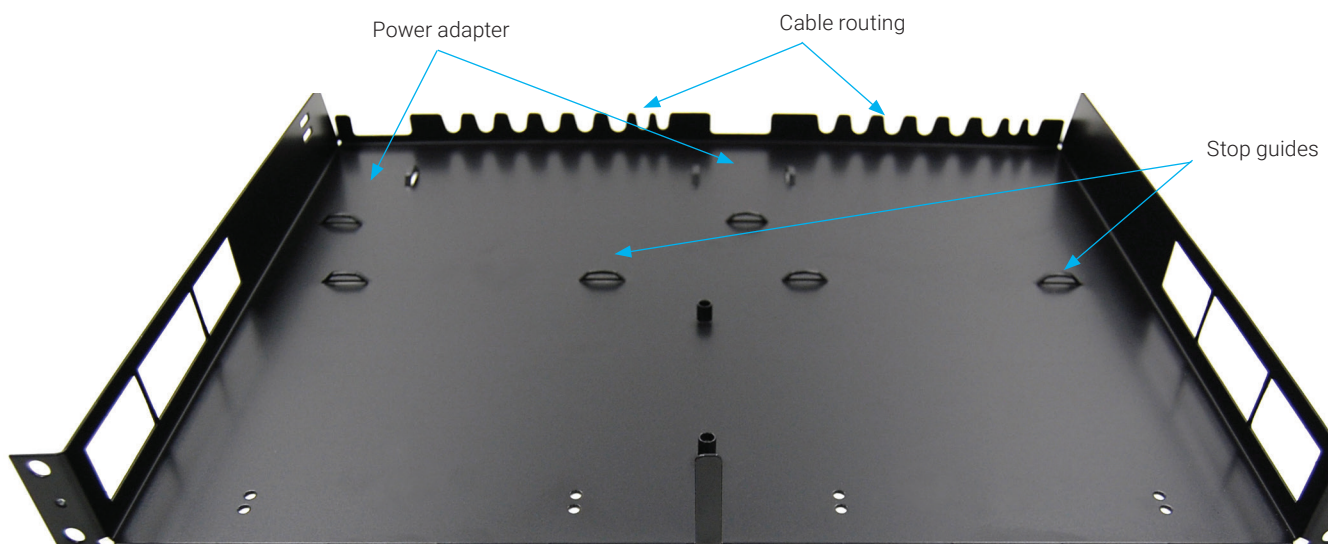


FIGURE 1-1. INSIDE OF THE RACKMOUNT TRAY

CHAPTER 2: INSTALLATION INSTRUCTIONS

2.1 INSTALLING THE RACKMOUNT TRAY

Follow the installation instructions listed below in numerical order.

STEP 1: Remove the rackmount tray from packaging and place it on a secure surface.

STEP 2: Install the cage nuts (supplied) on both sides of the rack. See Figure 2-1.



FIGURE 2-1. INSTALL THE CAGE NUTS

STEP 3: Attach the tray to the 2-/4-post rack/cabinet from the front. Secure the tray to the rack using two screws for each rack post. See Figure 2-2.

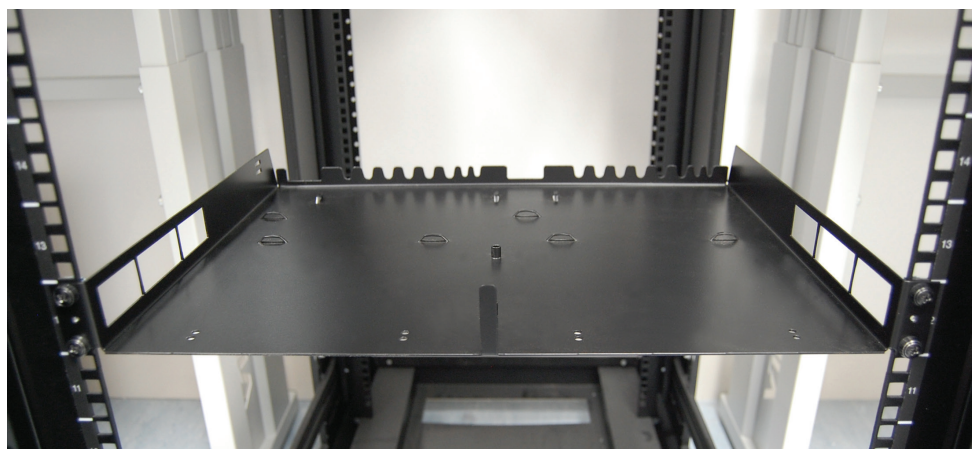


FIGURE 2-2. ATTACH THE TRAY TO THE RACK

CHAPTER 2: INSTALLATION INSTRUCTIONS

STEP 4: Tighten all mounting screws to secure the tray in the rack. See Figure 2-3.

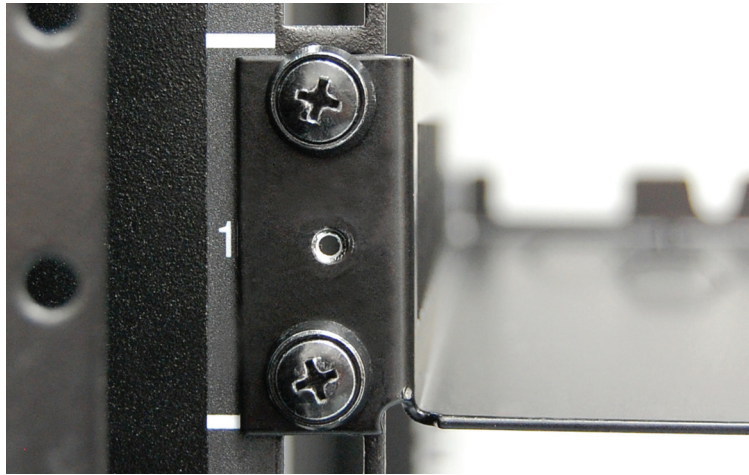


FIGURE 2-3. TIGHTEN THE MOUNTING SCREWS

STEP 5A: Install the locking bracket on the tray using the thumbscrew provided and leave in the “open” position. See Figure 2-4.

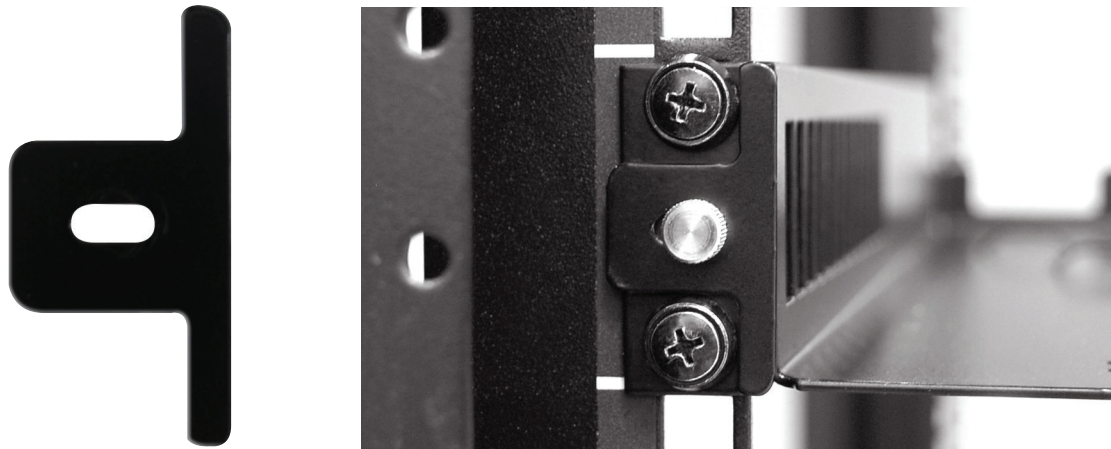


FIGURE 2-4. INSTALL THE LOCKING BRACKET

STEP 5B: Repeat for the other side.

CHAPTER 2: INSTALLATION INSTRUCTIONS

2.2 INSTALLING THE TRANSMITTER OR RECEIVER

Install one or two Transmitter or Receiver units in the rackmounted dual tray.

STEP 1: Install one Transmitter or Receiver into either slot from the front. The transmitter or receiver is fully inserted when it hits the stop feature of the dual tray.

NOTE: The blanking panel can be used if only installing one unit and can be secured from underneath using four of the M3 x 6 mm countersunk screws (included).

STEP 2: If you are installing two Transmitters or Receivers, insert the second one in the open slot.

STEP 3: Lock the installed transmitter or receiver unit into position by “closing” the locking bracket. See Figure 2-5.



FIGURE 2-5. TRANSMITTERS OR RECEIVERS INSTALLED

NOTE: To remove the Transmitter or Receiver unit, open the locking bracket by unfastening the thumb screw.

STEP 4: If further stability is required, secure from underneath using four of the M3 x 6 mm countersunk screws (included).

APPENDIX: DISCLAIMER/TRADEMARKS

A.1 DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

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