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Electro-Voice RE3-ACC-RMK2

Electro-Voice RE3-ACC-RMK2 Rack Mount Kit User Manual

For Two RE3 Receivers

INTRODUCTION

The Electro-Voice RE3-ACC-RMK2 Rack Mount Kit is designed to securely couple and mount two RE3-RX receivers into a standard 19-inch equipment rack. This kit ensures a stable and organized installation for your wireless receiver systems.

PACKAGE CONTENTS

Verify that all the following components are included in your RE3-ACC-RMK2 kit:

- 2x Coupling Plates
- 2x Front Mount Antenna Cables
- 2x Plastic-Hole Plugs
- 2x Rack Ears
- Mounting Screws (for rack ears)



Image: All components included in the RE3-ACC-RMK2 Rack Mount Kit. This includes the two L-shaped rack ears, two flat coupling plates, two black antenna cables with BNC connectors, two small black plastic hole plugs, and a set of small screws.

SETUP AND INSTALLATION

Follow these steps to properly install your RE3-ACC-RMK2 Rack Mount Kit with two RE3-RX receivers.

- 1. Prepare Receivers:** Ensure both RE3-RX receivers are powered off and disconnected from any antennas or audio cables.
- 2. Attach Coupling Plates:** Place the two RE3-RX receivers side-by-side. Use the two coupling plates to firmly connect the receivers together. The plates bridge the gap between the units, ensuring they are held securely as a single unit.



Image: A close-up view of two RE3-RX receivers joined together, illustrating how the coupling plates connect them. The front panels with displays and controls are visible.

- 3. Attach Rack Ears:** Securely mount the two rack ears to the threaded mounting holes on the sides of the coupled receivers using the provided screws. Ensure the rack ears are oriented correctly for rack mounting.
- 4. Install Front Mount Antenna Cables:** The threaded front flange mount ends of the antenna cables are designed to mount into the rack ears. Connect these to the antenna inputs on the rear of the receivers. This allows for front-panel antenna mounting, either for the stock 1/2 wave antennas or for connecting coax extension cables for remote antenna applications.

5. **Mount in Rack:** Carefully slide the assembled unit into a standard 19-inch equipment rack. Secure the rack ears to the rack rails using appropriate rack screws (not included in this kit).



Image: Two RE3-RX receivers professionally installed side-by-side in a standard 19-inch equipment rack, demonstrating the final setup with front-mounted antennas.

6. **Use Plastic-Hole Plugs:** If you are not using the front-mount antenna cables, or if there are unused holes in the rack ears, the plastic-hole plugs can be inserted for a cleaner aesthetic.

OPERATING CONSIDERATIONS

While this kit primarily facilitates physical mounting, proper installation is crucial for optimal performance of your RE3-RX receivers.

- Ensure all connections (antenna cables, power, audio) are secure after mounting.
- Verify that the front-mounted antennas have a clear line of sight for optimal wireless signal reception.
- Avoid placing the rack in locations with excessive heat or poor ventilation, as this can affect receiver performance.

MAINTENANCE

The RE3-ACC-RMK2 Rack Mount Kit requires minimal maintenance. Follow these guidelines to ensure its longevity:

- Regularly inspect all screws and connections to ensure they remain tight and secure.
- Clean the components with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Ensure the rack environment is free from excessive dust and moisture.

TROUBLESHOOTING

This section addresses common issues related to the physical installation of the rack mount kit.

Problem	Possible Cause	Solution
Receivers not fitting together properly.	Coupling plates not aligned or screws loose.	Ensure coupling plates are correctly positioned and screws are tightened.
Rack ears not attaching securely.	Incorrect screws used or misalignment.	Use only the provided screws. Align rack ears with threaded holes before tightening.

Problem	Possible Cause	Solution
Antenna cables not connecting to front panel.	Incorrect cable orientation or cross-threading.	Ensure the threaded end of the antenna cable is correctly aligned with the hole in the rack ear and the BNC connector is properly attached to the receiver. Do not overtighten.

SPECIFICATIONS

Feature	Detail
Product Model	RE3-ACC-RMK2
Compatibility	Electro-Voice RE3-RX Receivers (two units)
Rack Size	Standard 19-inch rack
Dimensions (Product)	7.1 x 4.5 x 1.6 inches
Item Weight	8.8 ounces
Color	Black
Manufacturer	Electro-Voice
UPC	800549895354

WARRANTY AND SUPPORT

For warranty information and technical support regarding your Electro-Voice RE3-ACC-RMK2 Rack Mount Kit, please refer to the official Electro-Voice website or contact their customer service directly.

Official Website: www.electrovoice.com

Contact Support: Refer to the "Support" or "Contact Us" section on the official website for regional contact details.

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