

RE3-ACC-RMK1 Rack mount kit for single RE3 receiver

- Securely mounts receiver into single 19" rack space
- Mounting sockets for front mounting antennas
- Two high-quality RG-58 50 Ω front-mount cables
- Socket plugs fill antenna mount holes when not used
- Includes rack ears, cables, mounting screws, and hole plugs

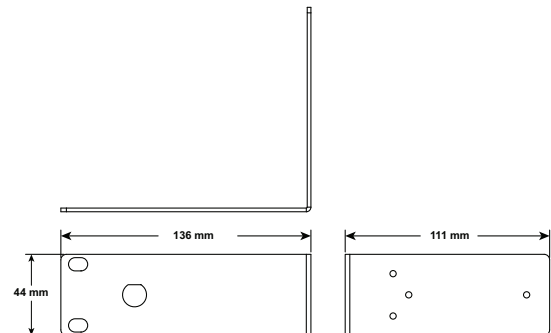


The RMK1 kit contains all necessary items to mount one RE3-RX receiver into a 19" rack. The rack ears easily mount to the receiver's threaded mounting holes using the provided screws. The threaded front flange mount ends of the antenna cables mount into the rack ears and securely mount either the stock receiver $\frac{1}{2}$ wave antennas, or coax extension cables for remote antenna applications. The plastic socket filler plugs can be used to plug antenna mounting holes if desired.

Technical specifications

Coax type:	RG-58
Coax impedance:	50 Ω
Color:	Black
Net weight:	15.48 oz. (439 g)
Gross weight:	17.6 oz. (500 g)

Dimensions:



Installation/configuration notes

Installing the rack kit

To install the rack kit, do the following:



1. On a flat surface, lay out the RE3 receiver.
2. Locate the rack ears and supplied screws.
Ears will mount on either side of the receiver as they are the same orientation.
3. Attach the rack ears to the receiver chassis by using two screws per ear.
The rack ear mounting holes will line up with the pre-tapped holes in the receiver side.

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4. Tighten all four screws securely.

Installing the antenna cables

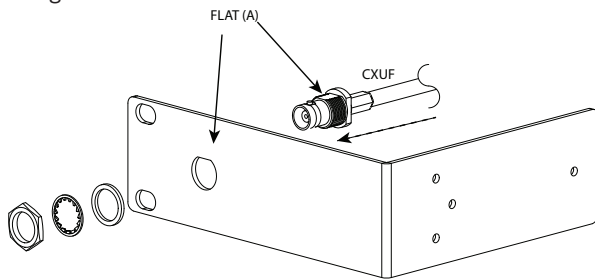
Notice!



Mount the rack ears to each side of the receiver pair prior to installing the antenna cables.

To install the antenna cables, do the following:

1. Locate a CXUF rear to front antenna cable and determine the cable end containing a threaded flange-mount connector.
Two CXUF cables are in the kit.
2. Remove the locking nut, lock washer, and rubber insulator ring from the threaded flange-mount connector.
3. Align the flat (A) portion of the threaded connector barrel with the flat portion of the rack ear front flange opening, slide the threaded barrel through the opening until it is fully extended through the rack ear flange.



4. Slide the rubber insulator ring onto the threaded connector barrel.
5. Slide the lock washer onto the threaded connector barrel.
6. Thread and tighten the nut onto the threaded connector barrel.
Ensure the nut is tightened securely to the connector barrel.
7. Repeat steps 4-6 for the other cable and rack ear.
8. Connect the other ends of the antenna cables into antenna A and antenna B inputs of the receiver or an antenna distribution device.

Antenna distribution device options: RE3-ACC-AASP active antenna splitter or the RE3-ACC-PASP passive antenna splitter.

When assembled without antenna mount, the assembly should appear as shown.



Assembled without antenna mounts

Replacement parts

Order number	Description
ESP-EF01U362356	RKMT antenna hole plugs RE3 (2pcs)

Compatible products

Order number	Description
RE3-ACC-AASP	2-in x 8-out antenna splitter 470-960MHz
RE3-ACC-PASP	1 x 2 passive antenna splitter kit
RE3-ACC-RFAMP	Active RF antenna booster; 470-960MHz
RE3-ACC-PLPA	Passive log periodic antenna; 470-960MHz
RE3-ACC-ALPA	Active log periodic antenna; 470-960MHz
RE3-ACC-CXU2	2 foot antenna coax cable (pair)
RE3-ACC-CXU10	10 foot, 50 ohm BNC coax cable (pair)
RE3-ACC-CXU25	25 foot, 50 ohm low loss BNC coax cable
RE3-ACC-CXU50	50 foot, 50 ohm low loss BNC coax cable
RE3-ACC-CXU75	75 foot, 50 ohm low loss BNC coax cable
RE3-ACC-CXU100	100 foot, 50 ohm low loss BNC coax cable

Parts included

Quantity	Component
2	Rack ears
2	CXUF front mount antenna cables
2	Plastic hole plugs
4	Mounting screws
1	Engineering datasheet
1	Warranty and product documentation information card

Ordering information

RE3-ACC-RMK1 Rack mount kit for single RE3 receiver
Rack mount kit for rack mounting RE3 receivers, black
Order number **RE3-ACC-RMK1**

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