

RE3-RX-8M RE3 half rack space receiver 823-865MHz

- Diversity reception minimizes dropouts
- 11 MHz total tuning bandwidth for trouble-free operation
- Easy-to-read LCD display
- Frequency scanning for selecting open frequencies
- Sync function links transmitter to receiver for easy setup



The RE3-RX-8M is a professional rack-mountable, ½ space diversity receiver. Designed to function as the control center for an RE3 wireless set, it features frequency scanning and synchronizing, as well as full transmitter control settings which synchronize to a mated transmitter.

The diversity reception technology minimizes the chances of signal dropouts by providing two separate antenna locations which are electronically chosen moment-by-moment based on signal strength and stability. The wide tuning bandwidth provides access to a wide range of frequencies, selectable in 25kHz steps for trouble-free operation of single and multi-channel systems. The easy-to-read LCD display provides vivid viewing of all menus and operating parameters. The easy-to-use frequency scanning function simplifies locating and tuning to a clear operating frequency. The sync function wirelessly synchronizes all operating parameters to the mated transmitter.

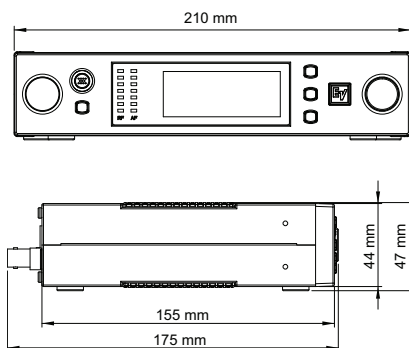
Technical specifications

Frequency oscillation mode:	Phase-locked loop (PLL)
Carrier frequency range:	823 - 865 MHz
Band name:	8M

Tuning bandwidth:	11 MHz total *8M is split into two segments: 823-832MHz: 9MHz 863-865MHz: 2MHz
Sync frequency:	Ultrasonic 40 kHz
Diversity:	Antenna diversity
Signal/Noise ratio:	>100dB(A)
Total harmonic distortion (Thd):	<0.6%@1kHz
Receiving sensitivity:	-81dBm for -12dB SINAD
Frequency response:	63Hz~16kHz±2dB (BPT) 51Hz~16kHz±2dB (HHT)
Antenna type:	Detachable ½ wave with BNC connector
Antenna booster power:	DC12 - 15V/100mA
Function display by:	LCD
Contents of display:	Group, channel, frequency, antenna A/B, transmitter battery level, transmitter status (mute, live, or no sync), output level attenuation, AF indication, RF indication, key lock indicator

Control functions:	Power, scan, frequency, group, channel, squelch, TX sensitivity, TX attenuation, TX RF power, TX auto off, TX key lock, TX display info, TX sync configuration, RX output volume, RX output level, RX antenna booster power, RX key lock, RX display contrast, RX display brightness, RX system reset
Sync data options:	Frequency, group, channel, sensitivity level, attenuation status, RF power, auto off status, key lock status, transmitter display (freq or Gp/Ch)
Audio frequency output level:	Ref : $\pm 22.5\text{kHz}$ Dev@1kHz Tone $\frac{1}{4}$ " (6.3mm) Phone Jack : -10dBV XLR Jack : -4dBV(Line)、-24dBV(MIC)
Audio frequency output impedance:	240 Ω (unbalanced) 1400 Ω (balanced)
Squelch and noise muting:	Noise muting and tone code locking
Output ports:	1 x balanced XLRM jack 1 x unbalanced $\frac{1}{4}$ " TS (6.3mm) jack
Power supply:	DC12~15V/500mA
Finish:	Black polyurethane paint
Dimensions:	Width: 8.27 in. (210mm) Height: (with feet attached) 1.85 in. (47mm) Height: (without feet attached) 1.73 in. (44mm) Depth: (including antenna jack) 6.89 in. (175mm) Depth: (not including antenna jack) 6.1 in. (155mm)
Net weight:	2.71 lb (1.23 kg)
Gross weight:	3.28 lb (1.49 kg)

Dimensions:



For full operational information, download the RE3 installation manual at www.electrovoice.com.

Licensing and certification declarations:

CE and EU: The CE Declaration of Conformity can be obtained and downloaded from: www.electrovoice.com

This Equipment is in compliance with CE requirements and the following directives:

- 2011/65/EU RoHS Directive
- 2012/19/EU WEEE Directive
- 2014/53/EU RED Directive

AU and NZ: This device is in compliance with Cisp32.

Replacement parts

Order number	Description
ESP-EF01U362330	RE3 rubber feet, skid pads and screws
ESP-EF01U362336	RE3 antenna, 8M band, 823-865MHz
ESP-EF01U362338	RE3 receiver power supply with AC clips

Compatible products

Order number	Description
RE3-HHT76-8M	Handheld transmitter with ND76 head, 823-865MHz
RE3-HHT86-8M	Handheld transmitter with ND86 head, 823-865MHz
RE3-HHT96-8M	Handheld transmitter with ND96 head, 823-865MHz
RE3-HHT420-8M	Handheld transmitter with RE420 head, 823-865MHz
RE3-HHT520-8M	Handheld transmitter with RE520 head, 823-865MHz
RE3-BPT-8M	Bodypack transmitter 823-865MHz
RE3-ACC-RMK1	Rack mount kit for single RE3 receiver
RE3-ACC-RMK2	Rack mount kit for two RE3 receivers

Parts included

Quantity	Component
1	Diversity receiver
2	$\frac{1}{2}$ wave antennas
1	Power supply with wall outlet clips
1	Engineering datasheet
1	Warranty and product documentation information card

Ordering information

RE3-RX-8M RE3 half rack space receiver 823-865MHz
RE3 wireless diversity receiver, 8M band, 823-865MHz, black
Order number **RE3-RX-8M**

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