

Electro-Voice RE3BPOL5H UHF Wireless Extender (Transmitter/Receiver) Set with OL3 Omnidirectional Lavalier Mic/560-596MHz

| Band Details | |
|---|--|
| Band name | 5H |
| Bandwidth limits (MHz) | 560 - 596 |
| Tuning bandwidth | 36 MHz |
| Selectable frequencies | 1440 |
| Transmit output power (mW) | 10 and 50 |
| Coverage | Global |
| RE3-ACC-OL3 Omnidirectional Lavalier Microphone with TA4F | |
| Element type | Self-biased condenser |
| Frequency response | 60 Hz - 15 kHz |
| Polar pattern | Omnidirectional |
| Sensitivity: open circuit voltage. 1 kHz | 17.5 mV/Pascal (-35 dBV/PA) |
| Maximum SPL | 130 dB SPL |
| Impedance | 2200 ohms |
| Power requirements | 3-9 VDC |
| Polarity | Positive pressure on diaphragm produces positive voltage at pin 2 relative to pin 1 |
| Electrical contact pinouts | Pin #1 - Ground, shield Pin #2 - Audio Pin #3 - Bias voltage Pin #4 - N/C |
| Dimensions (cable length) | 57.1" (1450 mm) |
| Dimensions (head length) | 0.36" (9.2 mm) |
| Dimensions (head diameter) | 0.2" (5 mm) |
| Net weight | 0.617 oz (17.5 g) |
| Shipping weight | 6.173 oz (175 g) |
| Microphone connector: | 4-pin mini plug |
| Head finish | Non-reflecting black |
| Material | Brass, steel wire cloth grille, black flexible PVC cable |
| RE3-BPT-5H Bodypack Transmitter | |
| Frequency oscillation mode | Phase-locked loop (PLL) |
| Available band names, tuning bandwidths, and carrier frequency ranges | 5H: 36 MHz (560-596 MHz) |
| Sync frequency | Ultrasonic |
| RF power output | Low 10mW / High 50mW |
| Display by | LCD + LED |
| Function controls | Power, mute, group, channel, frequency, sensitivity adjustment, input level attenuation, RF power, auto off, key lock. |
| RF stability | $< \pm 10\text{kHz}@F_c$ |
| Modulation frequency shift | Wideband FM $\pm 48\text{kHz}$ deviation |
| Harmonic radiation | $< -50\text{dBc}$ |
| Input jack | 4-pin mini jack |
| Battery | 2 x AA alkaline battery or NiMH rechargeable battery |
| Charging contacts | Yes |
| Finish | Black polyurethane paint |
| Dimensions (without antenna) | Height: 3.2 in. (81.5mm) Width: 2.54 in. (64.5mm) Depth: 0.98 in. (25mm) |
| Net weight | 6.14 oz. (0.174 kg) |
| Gross weight | 8.29 oz. (0.235 kg) |
| RE3-RX-5H Diversity Receiver | |

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|---|--|
| Frequency Oscillation Mode: | Phase-locked loop (PLL) |
| Available band names, tuning bandwidths, and carrier frequency ranges | 5H: 36 MHz (560-596 MHz) |
| Sync Frequency: | Ultrasonic 40 kHz |
| Diversity: | Antenna diversity |
| Bandwidth: | 36MHz |
| 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±22.5kHz Dev@1kHz Tone |
| | ¼" (6.3mm) Phone Jack-10dBV |
| | XLR Jack-4dBV(Line)-24dBV(MIC) |
| Audio Frequency Output Impedance: | 240Ω (unbalanced) 1400Ω (balanced) |
| Squelch and noise muting: | Noise muting and tone code locking |
| Output Ports: | 1 x balanced XLRM jack 1 x unbalanced ¼" TS (6.3mm) jack |
| Power Supply: | DC12~15V/500mA |
| Finish: | Black polyurethane paint |
| Dimensions: | Width: 8.27 inch (210mm) Height: (with feet attached) 1.85 inch (47mm) Height: (without feet attached) 1.73 inch (44mm) Depth: (including antenna jack) 6.89 inch (175mm) Depth: (not including antenna jack) 6.1 inch (155mm) |
| Net Weight: | 2.71 lbs [1.23 kg] |
| Gross Weight: | 3.28 lbs [1.49 kg] |