

## Electro-Voice RE3HHT4205H Handheld UHF Wireless Extender (Transmitter) with RE420 Condenser Cardioid Mic/560-596MHz

<b>RE3-HHT-5H Handheld Transmitter</b>	
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, RF power, auto off, key lock.
RF stability	<±10kHz@Fc
Modulation frequency shift	Wideband FM ±48kHz deviation
Harmonic radiation	<-50dBc
Microphone coupling	1.25" diameter, 28 UN-2A thread pitch
Microphone electrical contact	3-ring/3-pin
Battery	2 x AA alkaline battery or NiMH rechargeable battery
Charging contacts	Yes
Finish	Black polyurethane paint
Dimensions (without head)	Height: 7.52 in. (191mm) Width at threaded end: 1.46 in. (37mm) Width at control cover: 0.856 in. (22mm)
Net weight (without head)	12.2 oz. (346 g)
Gross weight (without head)	16.9 oz. (480 g)

<b>RE420-RC3 Wireless Head with RE420 Capsule</b>	
Element type	Self-biased condenser
Frequency response	50 Hz-20 kHz
Polar pattern	Cardioid
Sensitivity, open circuitvoltage @ 1 kHz	5.6 mV/Pascal (-45 dBV/Pa)
Clipping (max SPL)	137 dB SPL (1% THD)
Self noise	22 dB SPL "A" weighed (0 dB=20 µPa)
Dynamic range	115 dB
Signal-to-Noise ratio	72 dB
Output impedance	1000 ohms
Power requirements	4-8 VDC phantom power
Polarity	Positive pressure on diaphragmproduces positive voltage at centercontact relative to ground contact
Electrical contact	3-Ring/3-Pin
Threaded coupling	1.25" diameter 28 UN-2A thread pitch
Finish	Black polyurethane paint
Materials	Aluminum, steel, steel wire grillescreen
Dimensions, lengthdiameter	3.36 in. (85.3 mm)1.95 in. (49.6 mm)
Net weight	4.6 oz (130 g)
Shipping weight	6.5 oz (184 g)