

# Electro-Voice RE2510CG RE2 Series Wireless Condenser Supercardioid RE510 Handheld System G-Band (614-642 MHz)

## RE410 Handheld Transmitter

Radiated Output	30 mW typical
Microphone Head Electro-Voice 767a	N/D 767a Supercardioid N/DYM Dynamic
Microphone Head Electro-Voice 267a	N/D 267a Versatile Cardioid Dynamic
Microphone Head Electro-Voice RE-410	RE-410 Classic Cardioid Condenser
Standard Lavalier Microphone	EV RE-90TX MicroMini™ Omni-Directional Condenser
TA4 Connector Wiring	Pin 1: Ground; Pin 2 Mic Input; Pin 3: +5V bias; Pin 4: +5V bias through a 3kΩ resistor
Audio Gain Adjustment	40 dB (handheld 26 dB)
Power Requirements	9 Volt Alkaline Battery
Battery Life (Typical)	> 8 hours with 9-Volt Alkaline Typical
Handheld Antenna	Internal 1/2 wave
Dimensions, Handheld (L)	9.4" (240 mm) long

## Receiver

Receiver Type	Synthesized PLL
Frequency Range (RF)	A Band 648 - 676 MHz (TV Channels 43-48) B Band 696 - 724 MHz (TV Channels 51-56) D Band 798-822 MHz E Band 841 -865 MHz
Number of Channels	1112 possible channels Programmable in 25 kHz steps
Modulation	+/- 40 kHz
Diversity	Digital Secure-Phase™ True Diversity
RF Sensitivity	< 1.0 mV for 12 dB SINAD
Image Rejection	> 60 dB
Squelch	Tone Code plus Amplitude
Ultimate Quieting	> 100 dB
FCC Certification	Approved under Part 15
Power Requirements	12 VAC/DC 300 mA
Antennas	Detachable V4wave
Dimensions (H x W x D)	1.72" x 7.50" x 5.90" 43.7 mm x 190 mm x 150 mm
<b>AUDIO PARAMETERS</b>	
Frequency Response	50-15 kHz +/-2 dB
Balanced Output (max @ 40 kHz deviation)	
Mic Position	-10 dBV
Line Position	Adjustable 10 mV-2V RMS
Unbalanced Output	Adjustable 10 mV-1V RMS
Distortion	<1.0%, 0.5% typical (ref 1 kHz, 40 kHz deviat)
Signal-to-Noise Ratio	>100 dB A Weighted
Dynamic Range	>100 dB