

Electro-Voice R300LC R300 Series Wireless Uni-Directional ULM18 Lapel Microphone System C-Band/516-532 MHz

Antennas	Flexible TNC 1/2 Wave
Audio Frequency Response	80 Hz - 18kHz +/- 2dB
Balanced Line Level Output (RMS Adjustable)	10 - 100mV
Battery Life	14 Hours with (2) AA alkalines typical
Case Material	Metal
Connector Type	1/4 inch unbalanced, 3-Pin XLR balanced
Controls	On/Off, Set, Up, Down, Sync
Distortion (@ 1 kHz, 40 kHz deviation)	less than 1.0, 0.4 typical%
Diversity	True Antenna
Dynamic Range	greater than 95 dBdB
Element	ULM18 Directional Microphone
Family	R300
Number of Channels	32 Per Band, 8 Simultaneous
Operating Temperature Range	5° - 45° C (41° - 113° F)
Polar Pattern	Cardioid
Power Requirement	12-16 VDC, 500 mA max
Power Supply	12 VDC, 500 mA max
Receiver Type	Synthesized PLL
RF Frequency Range	16MHz
RF Output	8 mW Typical
RF Sensitivity (12 dB SINAD)	less than 1.0uV
Signal-to-Noise Ratio (A-weighted)	greater than 100 dBdB
Squelch	Tone code plus Amplitude