

Electro-Voice R300EC R300 Series Wireless Head Worn HM-3 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 - 100 mV
Battery Life	14 hours with (2) AA alkaline 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 95dB
Element	HM-3 Omni-directional headworn
Family	R300
Number of Channels	32 per band, 8 Simultaneous
Operating Temperature Range	5° - 45° C (41° - 113° F)
Polar Pattern	Omnidirectional
Power Requirement	12-16 VDC, 500 mA max
Power Supply	12 VDC, 500mA 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 100dB
Squelch	Tone code plus Amplitude