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WL40V

Wireless Vocal Microphone Capsule

User's Manual

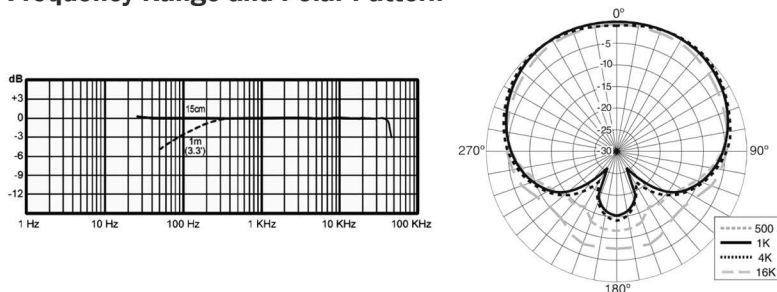
Brief Description

The WL40V has been created in wireless capsule form from the SR40V Handheld Vocal Microphone. Designed to maintain the same signature sound as its wired counterpart, the WL40V delivers a detailed and realistic vocal sound that requires little to no EQ. Its textbook perfect hypercardioid polar pattern and extended flat frequency response translate to a natural on- and off-axis performance coupled with benchmark levels of clarity and detail. The WL40V Wireless Vocal Microphone Capsule head is interchangeable with any screw-on-type handheld transmitters that receive a 31.3mm/pitch 1.0mm threading (1.25" / 28 thread pitch).

Key Features:

- clean and open sound reproduction
- free of coloration
- warm, not boomy, when used up close
- uniform response across all frequencies

Frequency Range and Polar Pattern



WL40V Technical Specifications

Frequency Response: 30Hz to 40kHz ± 2 dB @ 1 foot (30cm)

Polar Pattern: Hypercardioid

Sensitivity: 10mv/Pa

Power Requirements: 3 to 12V @ 500 μ using second and outer ring on 3-ring concentric connector

Max Acoustic Input: 135dB SPL with 5V input (based on DC voltage supplied)

Distortion: Less than 3% THD

Output: 10mv/Pa using center & outer ring on 3-ring concentric connector

Minimum Output Load: 600 ohms between pins 2 & 3

Output Impedance: 300 Ω , unbalanced (center & outer ring)

Noise: 22dB @ capsule output (A-weighted)

Diameter: 49mm

Length: 93.98mm

Weight: 0.2 lbs. (90g)

Warranty & Registration

All Earthworks® products (excluding accessories) carry a fifteen-year limited warranty (parts and labor). If you have any problems with your Earthworks products, please contact our Repair Department by email at returns@earthworksaudio.com or by telephone at (603) 654-6427, ext 119.

To help you get the most out of your Earthworks purchase, please take a moment and register your product with us online at earthworksaudio.com.