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# WL40V

Wireless Vocal Microphone Capsule

## User's Manual

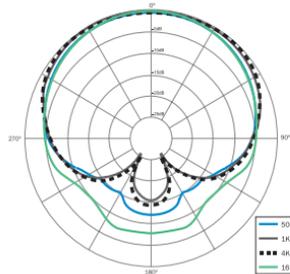
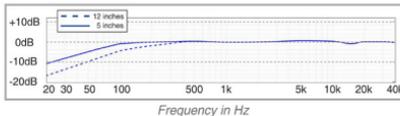
## Brief Description

The WL40V has been engineered 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 near 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:** 50Hz to 40kHz

**Polar Pattern:** Hypercardioid

**Sensitivity:** 3mV/Pa

**Power Requirements:** 5-12V @ 500µA using center & outer ring

**Max Acoustic Input:** 136dB SPL

**Distortion:** Less than 3% THD

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

**Noise:** 22dB SPL, A weighted

**Threads:** 1.25"/28 thread pitch; 31.3mm/pitch 1mm threading

**Dimensions LxD:** 3.7 in (93.98mm) x 1.93 in (49mm) max diameter  
& 1.46 in (37mm) min diameter

**Weight:** 0.2 lbs (90g)

## Warranty & Registration

If you have any problems with your Earthworks products, please contact our Repair Department by email at [repairs@earthworksaudio.com](mailto:repairs@earthworksaudio.com) or by telephone at (603) 654-6247, 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/register](http://earthworksaudio.com/register).