



WL40V

WIRELESS VOCAL CAPSULE

FOR LIVE PERFORMANCES

Like the SR40V, the WL40V capsule features impressive impulse response which allows the microphone to capture fast transients with great accuracy and precision. Its incredible gain-before-feedback and exceptional ability to reject sounds from the rear of the microphone make the WL40V a perfect tool for live sound, recording and broadcast applications. Its near-perfect polar response provides the same pristine sound quality at both the front and sides of the microphone. The WL40V wireless capsule is interchangeable with most screw-on-type handheld transmitters that receive a 31.3mm/pitch 1.0mm threading (1.25" x 28 thread pitch). The WL40V utilizes a conventional 3-ring concentric connector with the outer ring as common-, middle ring as power+ and center ring as audio +.

WARRANTY Earthworks products carry a limited warranty. Visit earthworksaudio.com/warranty for more information.

EARTHWORKS AUDIO

FEATURES

- 50Hz to 40kHz Frequency Response
- Hypercardioid Polar Pattern
- Uniform Frequency Response at 0°, 45° & 90°
- 136dB SPL Max Acoustic Input
- Exceptional Rejection of Sounds From the Rear of the Microphone

COMPATIBILITY

The WL40V is designed for full compatibility with the following handheld wireless transmitters:

- Shure: LX2, PGX2, SLX2, T2, U2, UC2, ULX2, UR2, UT2
- Sony: DWM-02, ZTX-M01
- Lectrosonics: HH
- Line 6: XD-V55, XD-V75

TROUBLESHOOTING

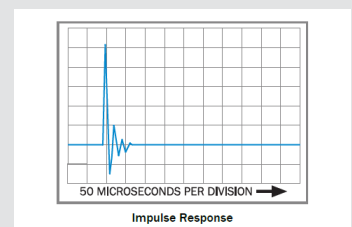
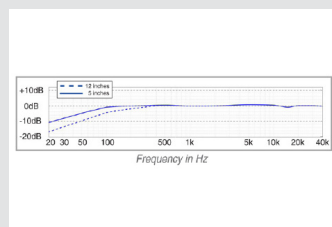
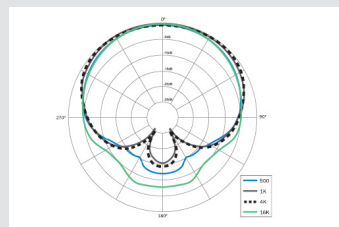
If you encounter issues while using your Earthworks Audio microphone, please make sure that:

- Your wireless transmitter system is connected to an active power supply.
- Your capsule is crewed tightly onto the microphone body.
- Your connection to the wireless transmitter system is active and strong.

If your issue persists after checking, please contact us via our website.

SPECIFICATIONS

| | |
|---------------------------|---|
| Frequency Response | 50Hz to 40kHz ± 2 dB @ 30cm |
| Polar Pattern | Hypercardioid |
| Sensitivity | Dependent upon wireless system |
| Power Requirements | 5 to 12V @ 500 μ A using second & outer ring on 3-ring concentric connector |
| Max Acoustic Input | 136dB SPL (based on DC voltage supplied) |
| Distortion | Less than 3% THD |
| Output | 10mV/Pa using center & outer ring on 3-ring concentric connector |
| Output Impedance | 300 Ω , unbalanced (center & outer ring) |
| Noise | 22dBA @ capsule output (A weighted) |
| Threads | 1.25"/28 thread pitch, and 31.3mm/pitch 1mm threading |
| Dimensions L x D | 3.7 in. (93.98mm) 1.93 in (49mm) max dia. 1.46 in (37mm) min dia. |
| Weight | 0.2 lbs. (90g) |



WE'RE HERE TO HELP

For anything else, we're a phone call or email away. Please feel free to contact us by email at sales@earthworksaudio.com, or by phone at (603)-654-2433.