



ARCHITECTURAL SPECIFICATIONS | MODEL#: EO-9WL

PRODUCT SUMMARY:

The unit shall be a subminiature electret, omnidirectional, condenser earmounted microphone using trimmable EMBRACE™ earmounts, with an IP 57 waterproof rating. The frequency response shall be 20Hz - 20kHz, with sensitivity of -39dB 1V/Pa (± 3 dB at 1kHz). Dynamic range shall be no less than 104 dB with a max SPL at 142 dB at one inch on axis. Nominal impedance shall be 1.3k Ω . The element shall be no larger than 4 mm x 15 mm and weight of 0.6 oz. The unit shall be Point Source Audio EO-9WL.

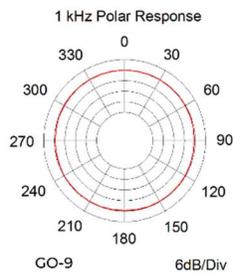
PRODUCT DESCRIPTION:

EO-9WL is an omnidirectional condenser on-ear mounted microphone. The mic element has an IP 57 waterproof rating to protect against water, sweat and makeup. Includes microphone with proprietary ENDURE™ hardwired connector, cable clip, and windscreen.

PRODUCT SPECIFICATIONS:

Element:	Back Electret Condenser
Pattern:	Omnidirectional
Frequency:	20Hz - 20kHz
Sensitivity:	-39dB 1V/Pa (± 3 dB at 1kHz)
Maximum SPL:	142 dB SPL
Output Impedance:	1300 Ω (at 1kHz)
Operating Voltage:	1 - 10 V
Element Diameter:	4 mm x 15 mm
Cable Length:	1.7 m + connector
IP Waterproof Rating:	IP 57
Cleaning Agent:	70% Isopropyl Alcohol
Net Weight:	0.6 oz.
Color options:	Beige, Brown or Black
Connector Type:	Hardwired
Connector Options:	Proprietary ENDURE™ hardwired connector in 3-pin Lemo, 4-pin TA4F, or 3.5 mm
Boom Flexibility:	N/A
Mic Placement:	Left or Right
Headframe Sizing:	N/A
Included Accessories:	2 color matched EMBRACE™ earmounts, windscreen, cable clip, storage box
Certifications:	RoHS compliant
CE Labeled:	Labeled CE compliant per directive 2014/30/EU

POLAR RESPONSE:



FREQUENCY RESPONSE:

