



ARCHITECTURAL SPECIFICATIONS | MODEL#: EO2-9WL

PRODUCT SUMMARY:

The unit shall be a subminiature electret, dual element 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 (± 3dB 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 1.3kΩ. The element shall be no larger than 6.5 mm x 19 mm and weight of 0.7 oz. The unit shall be Point Source Audio EO2-9WL.

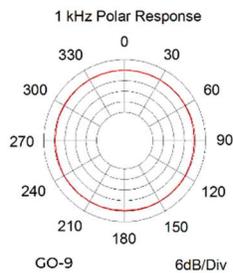
PRODUCT DESCRIPTION:

EO2-9WL is an omnidirectional dual element condenser on-ear mounted microphone. The mic elements have an IP 57 waterproof rating to protect against water, sweat and makeup. Includes microphone with proprietary ENDURE™ hardwired connectors, cable clip, and windscreen.

PRODUCT SPECIFICATIONS:

Element:	Dual (2) matched (± 0.5dB) elements Back Electret Condenser
Pattern:	Omnidirectional
Frequency:	20Hz - 20kHz
Sensitivity:	-39dB 1V/Pa (± 3dB at 1kHz)
Maximum SPL:	142 dB SPL
Output Impedance:	1300 Ω (at 1kHz)
Operating Voltage:	1 - 10 V
Element Diameter:	6.5 mm x 19 mm
Cable Length:	1.7 m + connector
IP Waterproof Rating:	IP 57
Cleaning Agent:	70% Isopropyl Alcohol
Net Weight:	0.7 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:

