



# ARCHITECTURAL SPECIFICATIONS | MODEL#: EO2-8WL

## 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 -43dB 1V/Pa (± 3dB at 1kHz) Dynamic range no less than 104 dB with a max SPL at 136 dB at one inch on axis. Nominal impedance shall be 1.4kΩ. The element shall be no larger than 8.3mm x 4.5mm x 14mm, and weight of 0.6 oz. The unit shall be Point Source Audio EO2-8WL.

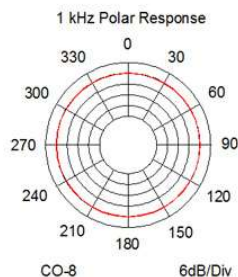
## PRODUCT DESCRIPTION:

EO2-8WL is an omnidirectional dual element condenser on-ear mounted microphone. The mic element has an IP 57 waterproof rating to protect against water, sweat and makeup. Includes microphone, X-Connector, alligator clip, SLIDER1 cable clip and windscreens.

## PRODUCT SPECIFICATIONS:

<b>Element:</b>	Dual (2) matched (± 0.5dB) elements Back Electret Condenser
<b>Pattern:</b>	Omnidirectional
<b>Frequency:</b>	20Hz - 20kHz
<b>Sensitivity:</b>	-43dB 1V/Pa (± 3dB at 1kHz)
<b>Maximum SPL:</b>	136 dB SPL
<b>Output Impedance:</b>	1400 Ω (at 1kHz)
<b>Operating Voltage:</b>	1 - 10 V
<b>Element Diameter:</b>	6.5 x 12.5mm
<b>Cable Length:</b>	1.2M + connector
<b>IP Waterproof Rating:</b>	IP 57
<b>Cleaning Agent:</b>	70% Isopropyl Alcohol
<b>Net Weight:</b>	0.6 oz
<b>Color options:</b>	Beige, Brown or Black
<b>Connector Type:</b>	(2) X-Connectors
<b>Connector Options:</b>	TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo-style
<b>Boom Flexibility:</b>	N/A
<b>Mic Placement:</b>	Left or Right
<b>Headframe Sizing:</b>	N/A
<b>Included Accessories:</b>	2 Color Matched Embrace earmounts, Windscreens, SLIDER1 cable clip, SLIDER2 cable clip, alligator cable clip, storage box
<b>Certifications:</b>	RoHS compliant
<b>CE Labeled:</b>	Labeled CE compliant per directive 2014/30/EU

## POLAR RESPONSE:



## FREQUENCY RESPONSE:

