



# ARCHITECTURAL SPECIFICATIONS | MODEL#: EO-8WL

## 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 -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 4mm x10.5mm, and weight of 0.6 oz. The unit shall be Point Source Audio EO-8WL.

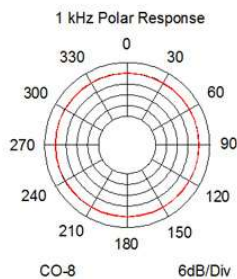
## PRODUCT DESCRIPTION:

EO-8WL is a omnidirectional 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 windscreen.

## PRODUCT SPECIFICATIONS:

<b>Element:</b>	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>	4 x 10.5mm
<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>	(1) X-Connector
<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, Windscreen, 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:

