



# ARCHITECTURAL SPECIFICATIONS | MODEL#: CO-8WS

## PRODUCT SUMMARY:

The unit shall be a subminiature electret, omnidirectional, condenser, single earset microphone with an IP 57 waterproof rating, and with full boom flexibility bendable up to 360°. 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 3.5mm x 7.5mm, and weight of 0.6 oz. The unit shall be Point Source Audio CO-8WS.

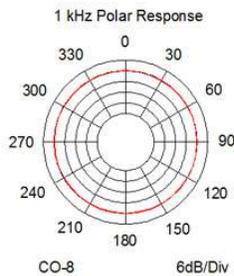
## PRODUCT DESCRIPTION:

CO-8WS is an omnidirectional single earworn microphone with boom flexibility bendable up to 360°. The mic element has an IP 57 waterproof rating to protect against water, sweat and makeup. Includes microphone, X-Connector, 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>	3.5 x 7mm
<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>	Bendable to 360°
<b>Mic Placement:</b>	Left or Right
<b>Headframe Sizing:</b>	N/A
<b>Included Accessories:</b>	Windscreen, 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:

