



# ARCHITECTURAL SPECIFICATIONS | MODEL#: CX2-8L

## PRODUCT SUMMARY:

The unit shall be a subminiature electret, dual element of omnidirectional and cardioid patterns, condenser lavalier microphone. The omnidirectional frequency response shall be 20Hz - 20kHz, with sensitivity -43dB 1V/Pa (± 3dB at 1kHz). The Cardioid frequency response shall be 160Hz - 14kHz, with sensitivity -50dB 1V/Pa (± 3dB at 1kHz). Cardioid Dynamic range no less than 103 dB with a max SPL at 135 dB at one inch on axis. Omnidirectional Dynamic range no less than 104 dB with a max SPL at 136 dB at one inch on axis. Nominal Omnidirectional impedance shall be 1.4kΩ. Nominal cardioid impedance shall be 1.7kΩ. 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 CX2-8L.

## PRODUCT DESCRIPTION:

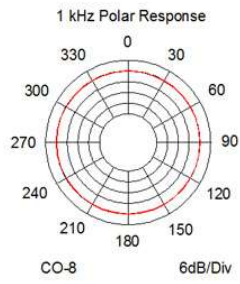
CX2-8L is an omnidirectional and cardioid dual element condenser lavalier microphone. Includes microphone, X-Connector, cable clip, and windscreen.

## PRODUCT SPECIFICATIONS:

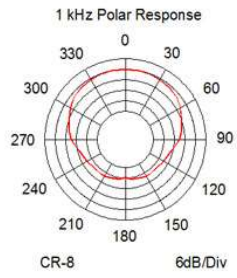
<b>Element:</b>	Dual Element Back Electret Condenser	Dual Element Back Electret Condenser
<b>Pattern:</b>	<b>Omnidirectional</b>	<b>Cardioid</b>
<b>Frequency:</b>	20Hz - 20kHz	160Hz - 14kHz
<b>Sensitivity:</b>	-43dB 1V/Pa (± 3dB at 1kHz)	-50dB 1V/Pa (± 3dB at 1kHz)
<b>Maximum SPL:</b>	136 dB SPL	135 dB SPL
<b>Output Impedance:</b>	1400 Ω (at 1kHz)	1700 Ω (at 1kHz)
<b>Operating Voltage:</b>	1 - 10 V	1 - 10 V
<b>Element Diameter:</b>	8.5 x 4.5mm	8.5 x 4.5mm
<b>Cable Length:</b>	1.2M + connector	1.2M + connector
<b>IP Waterproof Rating:</b>	N/A	N/A
<b>Cleaning Agent:</b>	70% Isopropyl Alcohol	70% Isopropyl Alcohol (excluding the element)
<b>Net Weight:</b>	0.7 oz	0.7 oz
<b>Color options:</b>	Black	Black
<b>Connector Type:</b>	(2) X-Connectors	(2) X-Connectors
<b>Connector Options:</b>	TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo-style	TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo-style
<b>Boom Flexibility:</b>	N/A	N/A
<b>Mic Placement:</b>	N/A	N/A
<b>Headframe Sizing:</b>	N/A	N/A
<b>Included Accessories:</b>	Windscreen, cable clip, storage box	Windscreen, cable clip, storage box
<b>Certifications:</b>	RoHS compliant	RoHS compliant
<b>CE Labeled:</b>	Labeled CE compliant per directive 2014/30/EU	Labeled CE compliant per directive 2014/30/EU

## POLAR RESPONSE:

### Omnidirectional

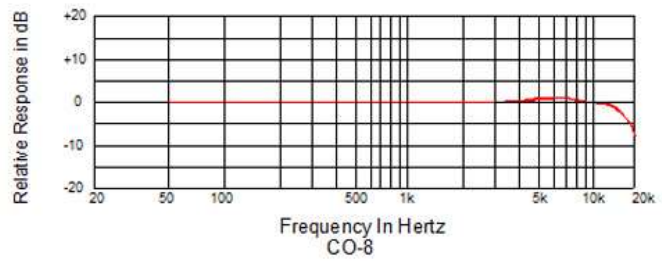


### Cardioid



## FREQUENCY RESPONSE:

### Omnidirectional



### Cardioid

