



ARCHITECTURAL SPECIFICATIONS | MODEL#: CX2-8D

PRODUCT SUMMARY:

The unit shall be a subminiature electret, dual element of omnidirectional and cardioid patterns, condenser, dual ear headset microphone, with full boom flexibility bendable up to 360°, adjustable length boom, and collapsible reversible headset frame to wear on either the left or right side. 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 6.8mm x 12.5mm, and weight of 0.7 oz. The unit shall be Point Source Audio CX2-8D.

PRODUCT DESCRIPTION:

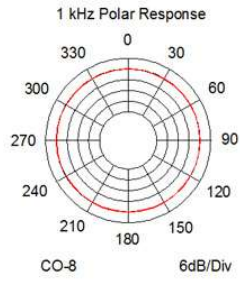
CX2-8D is a fully integrated dual element omnidirectional and cardioid dual-ear headset microphone with full boom flexibility bendable up to 360°. Includes microphone, X-Connector, cable clip, and windscreen.

PRODUCT SPECIFICATIONS:

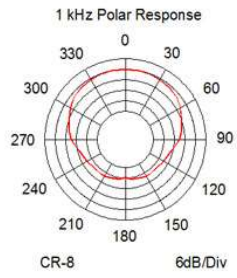
Element:	Dual Element Back Electret Condenser	Dual Element Back Electret Condenser
Pattern:	Omnidirectional	Cardioid
Frequency:	20Hz - 20kHz	160Hz - 14kHz
Sensitivity:	-43dB 1V/Pa (± 3dB at 1kHz)	-50dB 1V/Pa (± 3dB at 1kHz)
Maximum SPL:	136 dB SPL	135 dB SPL
Output Impedance:	1400 Ω (at 1kHz)	1700 Ω (at 1kHz)
Operating Voltage:	1 - 10 V	1 - 10 V
Element Diameter:	6.5 x 12.5mm	6.5 x 12.5mm
Cable Length:	1.2M + connector	1.2M + connector
IP Waterproof Rating:	N/A	N/A
Cleaning Agent:	70% Isopropyl Alcohol	70% Isopropyl Alcohol (excluding the element)
Net Weight:	0.7 oz	0.7 oz
Color options:	Beige, Brown or Black	Beige, Brown or Black
Connector Type:	(2) X-Connectors	(2) X-Connectors
Connector Options:	TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo-style	TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo-style
Boom Flexibility:	Bendable to 360°	Bendable to 360°
Mic Placement:	Left or Right	Left or Right
Headframe Sizing:	Adjustable, collapsible, reversible, earhooks rotate 360°	Adjustable, collapsible, reversible, earhooks rotate 360°
Included Accessories:	Windscreen, cable clip, storage box	Windscreen, cable clip, storage box
Certifications:	RoHS compliant	RoHS compliant
CE Labeled:	Labeled CE compliant per directive 2014/30/EU	Labeled CE compliant per directive 2014/30/EU

POLAR RESPONSE:

Omnidirectional

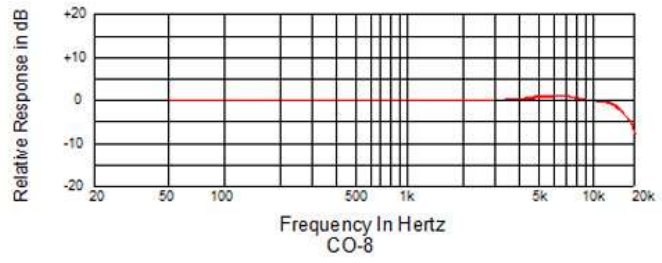


Cardioid



FREQUENCY RESPONSE:

Omnidirectional



Cardioid

