WWW.POINT-SOURCEAUDIO.COM



RETAIL • MARCH 2016 • NEW ITEMS



SERIES8

Award-winning headset, earworn and lavalier mics

Build custom-fit actor microphones in seconds

NEW!

EMBRACE™

CM-i3

World's first modular in-ear comms headset

INTRODUCTION TO POINT SOURCE AUDIO







About Us...

Point Source Audio is a solution based design,

engineering, and manufacturing company in the audio industry. With over 60 years of combined professional audio industry experience, the PSA product designers approach every product detail with a depth of understanding that results in ease, convenience, and efficiency in design. Since 2002 Point Source Audio has developed, engineered and manufactured transducer products for companies under a variety of brands. While continuing to do this we are also focused on developing products under the Point Source Audio brand affording our customers a streamlined path for purchasing high value products.

We sell our products exclusively through a network of high caliber resellers, contractors and distributors throughout the world. It is our goal to provide performance based products at great prices with the very best customer service and support.

Customers are increasingly choosing Point Source Audio for its product innovation, performance, and committed customer support. Here is just a short list of them:

- San Francisco Opera
- New York Philharmonic
- Belgian Movie Awards
- National Theatere in Oslo
- Shiki Theater Company, Tokyo
- Universal Studios "Harry Potter
 Show" Orlando
- Théâtre du Châtelet, Paris
- Chicago Shakespeare Theater
- City of Albuquerque Performing
 Arts Center
- David Saxe Productions,
 Planet Hollywood, Las Vegas

- Berklee College of Music
- SUNY Oswego
- Southeast Missouri State
- Interlochen Center for the Arts
- Princeton University
- University of Alabama School of Theatre & Dance
- Philadelphia POPS
- Utah Shakespeare Festival
- University of Arizona School of Theater Arts
- Long Beach Center for the Performing Arts



Y D



EMBRACE Microphones Page 4

BUILD CUSTOM-FIT ACTOR MICROPHONES IN SEC:00NDS

patent-pending

Bendable. Trimmable. Instantly Wearable.



Tthe fastest, easiest, most comfortable alternative to homemade ear rigs.

Isn't it about time for a professional ear mic'ing solution? Act fast to see more:

www.point-sourceaudio.com



EO-8 OMNIDIRECTIONAL

Patent-pending



Bendable and trimmable mounts for a custom-fit





DESCRIPTION

EMBRACE Microphones are custom-fit ear mounted microphone solutions for theatre, television and other applications where the microphone must be completely camouflaged yet still maintain consistent placement from the mouth even with head movement. EMBRACE lets you bend, shape and trim for a precise custom-fitted microphone in seconds—without all the time, hassle, and expense of outdated ear rigs. EMBRACE Microphones come complete with our acclaimed SERIES8 lavalier microphone, a color matched left and right Earmount, and a assortment of cable clips. For extreme camouflaging, the EMBRACE Earmounts also accept theatrical color markers of almost any color.

148dB max SPL	Water, Sweat, Makeup Proof	Interchangeable X-Connector	
•)))	~	¢	

-XXX CONNECTOR OPTIONS

-XAK AKG, Audix	-XLEw Lectrosonics-waterproof	-XSH Shure, Line 6
-XAT Audio-Technica	-XMP MiPro	-XSK Sennheiser SK, Zaxcom
-XBY Beyerdynamic	-XSD Sony DWT-B01	- XTX Telex
-XLE Lectrosonics	-XSE Sennheiser	

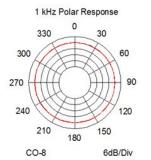
-BR Brown

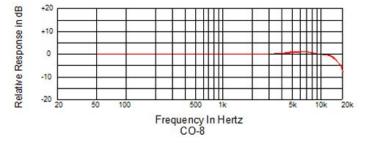
-XX COLOR OPTIONS



MICROPHONE SPECIFICATIONS

Element:	Back Electret Condenser	
Pattern:	Omnidirectional	
Frequency:	20Hz ~ 20kHz	
Sensitivity:	-43dB 1V/Pa (Nominal Sensitivity ± 3dB at 1kHz)	
Maximum SPL:	148dB SPL	
Output Impedance:	$1400\Omega \pm 30\%$ (at 1kHz)	
Operating Voltage:	$1 \sim 10 \text{ V}$	
Cable Length:	4ft. 077in. + connector	
Net Weight:	0.6 oz	
Colors:	Beige, Brown, or Black	
Connector Types:	TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo-style	
Ear Placement:	Left and Right Earmounts with finishing caps included	
Included Accessories:	2 Earmounts, windscreen, cable clip, 2 slider clips, storage box	





-BL Black

CR-8D Headset ITEM: CR-8D-XXX-XX

CR-8S Earworn ITEM: CR-8S-XXX-XX

DESCRIPTION

The SERIES**8** cardioid collection is offered in 3 popular styles: headset, earworn, and lavalier. The cardioid pick up pattern is ideal in applications when there is more than one mic being used, in live performances, and in some recording situations. A unique benefit of the SERIES**8** cardioid headset and earworn microphones is that the capsule is especially miniaturized and there is no need to force the mic directly in front of the mouth as with other cardioid microphones. The boom of the microphone can sit comfortably at the corner of the mouth so an unobtrusive appearance is easily achieved. Both the headset and earworn mics feature a boom bendable beyond 360°. Each microphone includes one Interchangeable X-Connector for termination to your wireless system.

Boom Bends 360°	135dB max SPL	Interchangeable X-Connector
360°	•)))	Ģ

-XXX CONNECTOR OPTIONS

-XAK AKG, Audix	-XLEw Lectrosonics-waterproof	-XSH Shure, Line 6
-XAT Audio-Technica	-XMP MiPro	-XSK Sennheiser SK, Zaxcom
-XBY Beyerdynamic	-XSD Sony DWT-B01	- XTX Telex
-XLE Lectrosonics	-XSE Sennheiser	

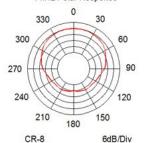
-XX COLOR OPTIONS

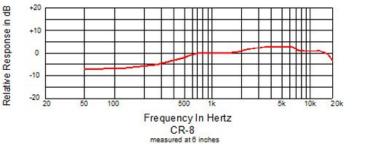
-WH White (lav)	-BE Beige	-BR Brown	-BL Black
	DE Deige	DICDIOWII	

SPECIFICATIONS

Element:	Back Electret Condenser	
Pattern:	Unidirectional, Cardioid	
Frequency:	160Hz ~ 14kHz	
Sensitivity:	-50dB 1V/Pa (Nominal Sensitivity \pm 3dB at 1kHz)	
Maximum SPL:	135dB SPL	
Output Impedance:	5000 Ω ± 30% (at 1kHz)	
Operating Voltage:	1 ~ 10 V	
Cable Length:	4ft .077in. + connector	
Net Weight:	0.6 oz	
Colors:	White, Beige, Brown, or Black	
Connector Types:	TA3F, TA4F, TA5F, Lockable 3.5mm, Hirose, Lemo-style	
Boom Flexibility:	Bendable to 360°	
Ear Placement:	Left/Right	
Included Accessories:	Windscreen, cable clip, storage box	

1 kHz Polar Response





CR-8L Lavalier ITEM: CR-8L-XXX-XX



sales@point-sourceaudio.com

DESCRIPTION

The SERIES8 omnidirectional collection is offered in 3 popular styles: headset, earworn, and lavalier. The omnidirectional pattern assures ease in fitting with a natural vocal sound well suited in low to moderate noise environments. Its circular pick up pattern adapts exceptionally to a wide array of mic'ing applications. All the SERIES8 omni microphones boast of 148dB max SPL, IP57 waterproof rating against water, sweat and makeup; and our super bendable boom is "Unbreakable" up to 360°. Each microphone comes with one X-Connector of your choosing for termination to your wireless system. The X-Connectors have a threaded screw connection so they are simple to remove, but remain secure while in use.

Boom Bends 360°	135dB max SPL	Water, Sweat, Makeup Proof	Interchangeable X-Connector
360°	•)))	5	¢

-XXX CONNECTOR OPTIONS

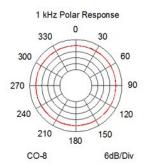
-XAK AKG, Audix	-XLEw Lectrosonics-waterproof	-XSH Shure, Line 6
-XAT Audio-Technica	-XMP MiPro	-XSK Sennheiser SK, Zaxcom
-XBY Beyerdynamic	-XSD Sony DWT-B01	- XTX Telex
-XLE Lectrosonics	-XSE Sennheiser	

-XX COLOR OPTIONS

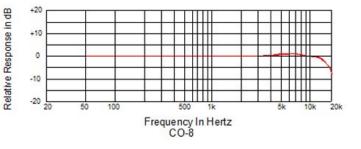
-WH White (lav)	-BE Beige	-BR Brown	-BL Black
	-DE beige		-DL DIACK

SPECIFICATIONS

Element:	Back Electret Condenser	
Pattern:	Omnidirectional	
Frequency:	20Hz ~ 20kHz	
Sensitivity:	-43dB 1V/Pa (Nominal Sensitivity \pm 3dB at 1kHz)	
Maximum SPL:	148dB SPL	
Output Impedance:	1400Ω ± 30% (at 1kHz)	
Operating Voltage:	1 ~ 10 V	
Cable Length:	4ft. 077in. + connector	
Net Weight:	0.6 oz	
Colors:	White, Beige, Brown, or Black	
Connector Types:	TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo-style	
Boom Flexibility:	Bendable to 360°	
Ear Placement:	Left/Right	
Included Accessories:	Windscreen, cable clip, storage box	



Windscreen, cable clip, storage box



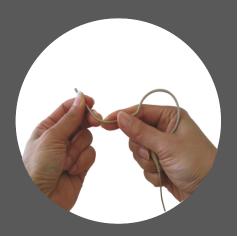
CO-8WD Headset ITEM: CO-8WD-XXX-XX - -

CO-8WS Earworn ITEM: CO-8WS-XXX-XX

CO-8WL Lavalier ITEM: CO-8WL-XXX-XX









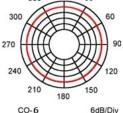


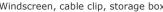
DESCRIPTION

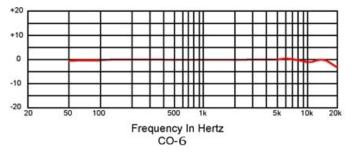
The CO-6 earset mic features speech optimized characteristics at a maximum 125dB SPL, but it includes all the premium attributes that come with the celebrated "Unbreakable Boom". The CO-6 Earworn Microphone is designed for vocal reinforcement for church liturgy, aerobics instruction, singing, lecturing, sports-casting and other applications that require high quality vocal pick up in a hands-free environment. The boom life is prolonged with the enhanced durability of the completely bendable boom. The convenient placement near the mouth greatly reduces noise from wind and clothing. Additionally, its distinguishing clarity in close-talk operation and excellent gain before feedback make it suitable for applications where higher degrees of speech intelligibility are desired.

Boom Bends 360°		125dB max SPL	
360°		•)))	
-XX CONNECTOR OPTIO	NS		
-AK AKG	-SE Sennheiser	-SH Shure, Line 6	
-AT Audio-Technica	-MP MiPro	- TX Telex	
-XX COLOR OPTIONS			
-BE Beige	- I	BL Black	
	•		
SPECIFICATIONS			
Element:	Back Electret Condenser		
Pattern:	Omnidirectio	Omnidirectional	
Frequency:	40Hz ~ 17k⊦	40Hz ~ 17kHz	
Sensitivity:	-47dB 1V/Pa (Nominal Sensitivity \pm 3dB at 1kHz)		
Maximum SPL: 125dB			
Output Impedance:	2,000Ω ± 30	% (at 1kHz)	
Operating Voltage:	1.5V ~ 10VD	ic .	
Cable Length:	4ft. 2in. + co	onnector	
Net Weight:	0.6 oz	0.6 oz	
Colors:	Beige or Blac	Beige or Black	
Connector Types:	TA3F, TA4F,	lockable 3.5mm, Hirose	
Boom Flexibility:	Bendable to	360°	
Ear Placement:	Left/Right		
Included Accessories:	Windscreen,	cable clip, storage box	

















DESCRIPTION

The CO-5W waterproof microphone is a durable earworn microphone with flexible boom designed for vocal reinforcement. Moisture, sweat and stage makeup have met their match with the water protected element of this microphone. This water, sweat, and makeup proof microphone defends against all types of challenging stage and weather conditions. Sweating from humidity? Splashed by seals? Drenched from rain? The CO-5W waterproof microphone will not let you down. The CO-5W has an impressive Ingress Protection (IP) Rating of 57, whereas the first digit (5 of 6) references particle protection, and the second digit (7 of 8) references liquid protection. The CO-5W water, sweat, and makeup proof microphone has an omnidirectional polar pattern that allows a full 360 degree pick up of sound providing a natural blend of voice and ambience.

Water, Sweat, Makeup Proof	125dB max SPL
	•)))

-XX CONNECTOR OPTIONS

-AK	AKG	-SE	Sennheiser
-AT	Audio-Technica	-MP	MiPro

-SH	Shure,	Line	6
-тх	Telex		

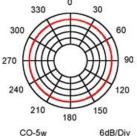
-XX COLOR OPTION

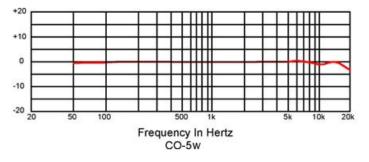
-BE Beige

SPECIFICATIONS

Element:	Back Electret Condenser	
Pattern:	Omnidirectional	
Frequency:	40Hz ~ 17kHz	
Sensitivity:	-47dB 1V/Pa (Nominal Sensitivity ± 3dB at 1kHz)	
Maximum SPL:	125dB	
Output Impedance:	$2,000\Omega \pm 30\%$ (at 1kHz)	
Operating Voltage:	1.5V ~ 10VDC	
Cable Length:	4ft. 2in. + connector	
Net Weight:	0.6 oz	
Colors:	Beige	
Connector Types:	TA3F, TA4F, lockable 3.5mm, Hirose	
Boom Flexibility:	Bendable to 20°	
Ear Placement:	Left/Right	
Included Accessories:	Windscreen, cable clip, storage box	

1 kHz Polar Response











CO-3 Earworn ITEM: CO-3-XX-XX



DESCRIPTION

The CO-3 Microphone is our entry-level earworn microphone designed for speech reinforcement for church liturgy, lecturing, and other applications that require good quality vocal pick up in a hands-free environment. It has an omnidirectional polar pattern which allows a full 360 degree pick up of sound providing a natural blend of voice and ambience. The design of the CO-3 earworn microphone lends itself to reduced speech produced "popping sounds", voice overloads in close mic applications, and the convenient placement near the mouth greatly reduces noise from wind and clothing. Its distinguishing clarity in close talk operation and excellent gain before feedback make it suitable for applications where higher degrees of speech intelligibility are desired.

-XX CONNECTOR OPTIONS

-AK	AKG	-SE	Sennheiser	-SH	Shure, Line 6
-AT	Audio-Technica	-MP	MiPro	-TX	Telex

-XX COLOR OPTION



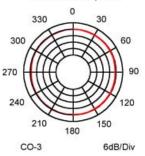


-BL Black

SPECIFICATIONS

Element:	Back Electret Condenser	
Pattern:	Omnidirectional	
Frequency:	50Hz ~ 16kHz	
Sensitivity:	-44dB 1V/Pa (Nominal Sensitivity \pm 3dB at 1kHz)	
Maximum SPL:	116dB	
Output Impedance:	1500Ω (at 1kHz)	
Operating Voltage:	1.5V ~ 10VDC	
Cable Length:	3ft. 11in. + connector	
Net Weight:	0.28 oz	
Colors:	Beige or Black	
Connector Types:	TA3F, TA4F, lockable 3.5mm, Hirose	
Boom Flexibility:	Fixed/Not bendable	
Ear Placement:	Left	
Included Accessories:	Cable clip, storage box	

1 kHz Polar Response



+20 +10 0 -10 -20 100 Frequency In Hertz CO-3

MICROPHONE COMPARISON CHART

		Performance Vocals		Optimized Speech		Basic Voic
		Omni	Cardioid	Omni	Omni	Omni
		EO/CO-8W	CR-8	CO-6	CO-5W	CO-3
PREMIUM FEATURES						
Max SPL	•)))	148dB SPL	135dB SPL	125dB SPL	125dB SPL	116dB SPL
Super Flex Boom	3609	•	•	•		
Waterproof	~	•			•	
X-Connectors	¢	•	•			
STYLE OPTIONS						
Headset	Ć	•	•			
Earset KIT	R	•	•	•	•	•
Earworn	9	•	•	•	•	•
Lavalier		•	•			
Earmount Lav	\sim	•				
Wearing Placement		57		57	57	5
Color Options:		\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc				
SPECIFICATIONS						
Element		Back Electret Condenser	Back Electret Condenser	Back Electret Condenser	Back Electret Condenser	Back Electret Condenser
Pattern		Omnidirectional	Cardioid	Omnidirectional	Omnidirectional	Omnidirectional
Frequency		20Hz ~ 20kHz	160Hz ~ 14kHz	40Hz ~ 17kHz	40Hz ~ 17kHz	50Hz ~ 16kHz
Sensitivity		-43dB 1V/Pa (Nominal Sensitivity ± 3dB at 1kHz)	-50dB 1V/Pa (Nominal Sensitivity ± 3dB at 1kHz)	-47dB 1V/Pa (Nominal Sensitivity ± 3dB at 1kHz)	-47dB 1V/Pa (Nominal Sensitivity ± 3dB at 1kHz)	-44dB 1V/Pa (Nominal Sensi- tivity ± 3dB at 1kHz)
Output Impedance		1400Ω ± 30% (at 1000 Hz)	5000Ω ± 30% (at 1000 Hz)	2,000Ω ± 30% (at 1kHz)	2,000Ω ± 30% (at 1kHz)	$1,500\Omega \pm 30\%$ (at 1kHz)
Operating Voltage		1 ~ 10V	1 ~ 10V	1.5 ~ 10VDC	1.5 ~ 10VDC	1.5 ~ 10VDC
Cable Length		4 ft .077 in. + connector	4 ft .077 in. + connector	4 ft 2 in. + connector	4 ft 2 in. + connector	3 ft 11 in. + connector
Net Weight		0.6 oz	0.6 oz	0.6 oz	0.6 oz	0.28 oz
Maximum SPL		148dB SPL	135dB SPL	125dB SPL	125dB SPL	116dB SPL
Standard Accessories		Windscreen, body clip, storage box	Windscreen, body clip, storage box	Windscreen, body clip, storage box	Windscreen, body clip, storage box	Body clip, storage box



MICROPHONE ACCESSORIES

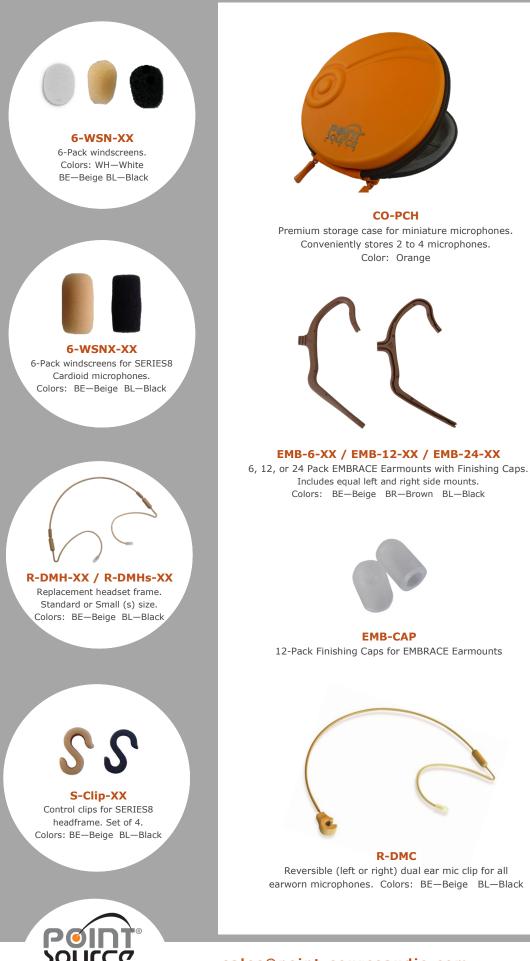


Point

Available in White or Black

©2016 Point Source Audio

MICROPHONE ACCESSORIES



Reversible (left or right) dual ear mic clip for all earworn microphones. Colors: BE-Beige BL-Black

SERIES8 **X-Connectors**

Interchangeable X-Connectors are available for most popular wireless systems. One X-Connector is included with each SERIES8 microphone.



Wireless

X-CON

Model No.	Compatibility
ХАК	AKG and Audix
XAT	Audio-Technica
ХВҮ	Beyerdynamic
XLE	Lectrosonics
XLEw	Lectrosonics (waterproof
XMP	MiPro
XSD	Sony DWT-B01
XSE	Sennheiser EW Series
ХЅН	Shure, Line 6, JTS, Trantec and Carvin
ХЅК	Sennheiser SK, Shure UR1M, Zaxcom and WisyCom
хтх	Telex

sales@point-sourceaudio.com

COMFORTABLE AROUND CROWDS

The CM-i3 comms headset weighs a mere 2oz. yet provides up to -25dB of superior noise isolation.

The World's First Modular In-Ear Comms Headset www.point-sourceaudio.com

CM-i3 Headset patent-pending

Who's Using the CM-i3



STAGE

Production Manager NYCityFest at Central Park

"This was the perfect solution for me to use with my own in-ears. I wore the CM-iX for the first time from 3:00pm to 10:00pm during the festival—I never took it off and it was easy to switch up left or right feeds instantly."



FOH Audio Tech

Harlem Globetrotters

"My CM-i3 is far more comfortable than traditional headsets. The earbuds are a slick solution; there's no more getting tangled up when in a hurry, I love being able to remove an earbud in a split second in order to react to a mixing challenge."



CAMERA

Camera Operator San Antonio Spurs

"With the CM-i3 in-earphones, I am able to lower the overall volume level during the show, and the sound quality is actually better; and my left ear isn't ringing when the show is over saving me from hearing damage."



Patent-pending



DESCRIPTION

Dual In-Ear Intercom Headset with Dynamic Noise-Cancelling Boom Microphone

The CM-i3 Intercom Headset's one-of-a-kind design utilizes in-earphones for lightweight comfort and to provide excellent noise isolation in moderate to high noise environments. This patent-pending slim-line design allows for incredible ease in switching between three listening modes: left, right, or left and right, to create the desired audio mix. The in-earphones are modular for convenient service replacement or to personalize with your own earphones. At a weight of only 2 ounces, it is a mere fraction of other binaural headsets.

KEY FEATURES

• In-ear design eliminates fatigue

• 12dB off-axis noise rejection

• Weighs only 2oz.

- Replaceable earphones
- Kink-free cable design
- Even works with iPhones and iPads

CM-i3

with installed earphones





WHAT YOUR CM-i3 PACKAGE INCLUDES

CM-i3-XX

- Installed EM-3 earphones
- 6-ETP-X Eartips in 3 Sizes
- CM-WSN Windscreen
- CM-BCP Belt Clip
- CM-HSi Headband Sizer
- CM-CSE Custom Storage Case

CM-i3-CAM-5Ms

- Installed EM-3 earphones
- 6-ETP-X Eartips in 3 Sizes
- CM-WSN Windscreen
- CM-BCP Belt Clip
- CM-HSi Headband Sizer
- CM-CSE Custom Storage Case
- CM-EXT-5 Extender Cable

CONNECTOR OPTIONS

CM-i3-4F	Equipped with 4-pin female XLR for all Clear-Com compatible systems
CM-i3-4M	Equipped with 4-pin male XLR for RTS mono systems
CM-i3-5F	Equipped with 5-pin female XLR for Telex systems
CM-i3-5Mm	Equipped with 5-pin male XLR for mono Telex TR700/800 & TR80N systems
CM-i3-5Ms	Equipped with 5-pin male XLR for all stereo RTS systems
CM-i3-PH	Equipped with 3.5mm TRRS plug for iPhone and iPad intercom apps
X-Adapters	Optional cable adapters available in a variety of connectors (see page 17.)

SPECIFICATIONS

Earphone Specifications

Speaker type: Single driver ported Sensitivity: 120dB SPL@1VRMS (at 1 kHz) Impedance: 32Ω Color: Silver housing with gold band, black cable Cable length (total): 4 Feet (1.2 Meters) L/R cable: 50cm Input connector: 3.5mm Transducer housing: Metal Accessories: 3 sizes of eartips

Microphone Specifications

Element: Moving coil dynamic Directional characteristics: Cardioid Sensitivity: -60dB 1V/Pa Frequency: 300Hz - 10kHz Impedance: 200Ω Cable length (total): 4 Feet (1.2 Meters)

HEADSET ACCESSORIES

CM-IX-XX









MODEL NO.	DESCRIPTION	
CM-iX-XX	Headset microphone assembly only. Includes cable wrap with earphone installation tool, belt-clip, headband sizer, windscreen with o-ring, and custom storage case. Earphones not included	
CM-i3-CAM-5Ms	CM-i3 Camera package	includes 5-pin XLR Extender Cable
EM-3	Earphones terminated v	vith 3.5mm TRRS mini connector
CM-CSE	Intercom headset stora Color: Orange	ge case. Custom designed case for optimum protection.
СМ-РСН	Intercom headset trave shoulder strap. Color: E	l pouch. Rugged all-purpose 6-pocket pouch with adjustable Black
CM-EXT-4	A	Extender Cable. Expandable coiled cable with 4-pin male XLR - 4 pin female XLR. 2 ft. retracted / 10 ft. extended.
CM-EXT-5	118	Extender Cable. Expandable coiled cable with 5-pin male XLR - 5-pin female XLR. 2 ft. retracted / 10 ft. extended.
ADP-4Mx5Mm	a construction of the second s	Adapter cable with 4-pin male XLR to 5-pin male mono XLR
ADP-5Fx4F		Adapter cable with 5-pin female XLR to 4-pin female XLR
ADP-4MxPH		Adapter cable with 4-pin male XLR to male 3.5mm TRRS
ADP-5FxPH		Adapter cable with 5-pin female XLR to male 3.5mm TRRS
ADP-PHx4F	and the second sec	Adapter cable with female 3.5mm TRRS to 4-pin female XLR
ADP-PHx5Mm		Adapter cable with female 3.5mm TRRS to 5-pin male mono XLR
CM-WSN	Po	Windscreen with o-ring for CM-i3
CM-CAB-KIT	7	Cable wrap with earphone installation tool
6-ETP-X		3 sets eartips for EM-3 earphones. Specify one size: $\textbf{S}-\text{small},~\textbf{M}-\text{medium},~\textbf{L}-\text{large}$
СМ-ВСР	4	Belt clip for XLR connector
CM-HSi		Headband Sizer

sales@point-sourceaudio.com

Pricing and information contained in this Price Guide is subject to change without notice. Please contact our Sales Department with questions or comments: sales@point-sourceaudio.com



CORPORATE HEADQUARTERS

POINT SOURCE AUDIO 1129 Industrial Ave. #205 Petaluma, CA 94952 t: 415.226.1122 WWW.POINT-SOURCEAUDIO.COM