

Stereo shotgun for camcorder

- Switchable, very sharp mono shotgun and stereo mic
- Very short length (210.5mm) and light weight (170g)
- Maintains high durability and quality despite high humidity environments due to PPS diaphragm
- Can isolate camera motor noise in camera mount use due to specially designed suspension holder
- Basic design in M-S, but also includes M-S to L-R circuitry and allows a direct L-R signal

The CMS-10 provides extremely high-resolution audio to match today's advanced picture quality. This versatile microphone is switchable between a very sharp directional Mono and rich Stereo in environmental imaging. Stereo angle is 127°. Unlike conventional shotgun microphones, the CMS-10 uses a unique second-order pressure gradient design, enabling precision directional response through multiple cardioid elements in a front-back array.

The capsules combine line microphone performance and second-order gradient response in a single compact system. Stereophonic localization depends primarily on signal accuracy and channel separation in the 400Hz to 3kHz range. Pattern control of the CMS-10 has been optimized in this range. Very low and very high frequency response has been optimized along the frontal axis so that the "target" on-axis sounds are clearly delineated.

Common specifications

Directivity	Mono=Super Cardioid / lobar Stereo=Hyper Cardioid
Transducer	DC biased condenser
Frequency range	150Hz - 20kHz
Sensitivity (nominal at 1kHz)	STEREO 50mV/Pa (-26dB,0dB=1V/Pa) MONO 32mV/Pa (-30dB,0dB=1V/Pa)
Equivalent noise level (A-weighted)	STEREO 20dB-A, MONO 22dB-A
Max SPL (1% THD)	120dB SPL
Output impedance at 1KHz	240 ohms
Powering	+48V±4V phantom X 2ch
Current consumption	Less than 2.5mA/ch
Weight	170g
Dimensions	211mm X 27.8mm (mesh part diameter) 26.5mm (suspension cylinder diameter) 19mm (grip diameter)
Surface finish	Matte black
Connector	Cable direct out from the microphone, 30cm, XLR-5M

Included Accessories

Included Accessories 01	Suspension cylinder set
Included Accessories 02	WSJ-10 Short fur Softie windjammer
Included Accessories 03	Rubber plate X 2
Included Accessories 04	Instruction manual
Included Accessories 05	Cardboard box