sanken

Japan's most original microphone maker

Specifications

Transducer Type:	Push-Pull DC bias condenser
Directional Pattern:	Mid=Cardioid, Side=Figure-8 (L-R outputs fixed at 127° aperture; M and S outputs are added and subtracted at a 1:1 ratio)
Diaphragm:	Titanium membrane (1 micron)
Frequency Response:	50 Hz to 20kHz
Sensitivity at 1kHz:	10mV/Pa
Nominal Impedance:	70 ohms per channel, balanced output (transformerless)
Recommended Load Impedance:	600 ohms or higher
Equivalent Noise Level: A weighted rms (IEC 179)	19dB or less (0dB=2×10^{-5} Pa)
Maximum SPL for 1.0% THD at 1kHz:	130dB
Connector:	5-pin XLR type; 1=ground, 2=left (pos.), 3=left (neg.), 4=right (pos.), 5=left (neg.)
Supply Voltage:	48±4V Phantom
Current Consumption:	2×2.1mA
Dimensions:	235mm×19mm (body diameter)×61mm (widest microphone head diameter) [9.2 in.×0.7 in.×2.4 in.]
Weight:	200g (0.44 lbs.)
Case:	Brass construction and steel screen with black finish; left, right, top and bottom sides are clearly indicated

Specifications subject to change without notice.

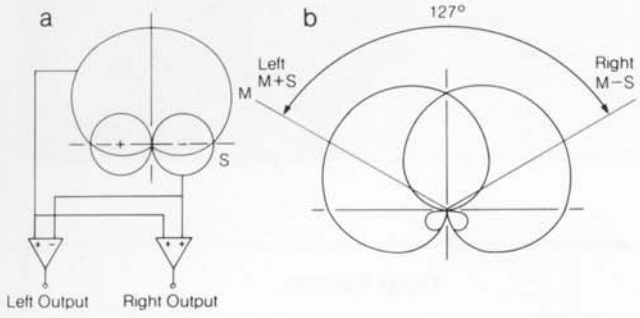
Included Accessories:
1. Carrying box (includes calibration chart)
2. SC-91 cable assembly (from 5-pin XLR to two 3-pin XLRs) (length: 1.8m; 5.9 ft.)
3. MM-19 mount with two female thread adaptors
4. Foam-type windscreen

Optional Accessories:
1. GS-9 Pistol Grip Suspension
2. WS-7 Wind Shield
3. WJ-7 Wind Jammer

The M-S ('Mid-Side') Stereo Technique

The CMS-9 MS Stereo Microphone incorporates two capsules: a mid-mic with a unidirectional cardioid polar pattern, and a coincidentally mounted side-mic with a figure-8 pattern. This arrangement, which accurately determines spatial localization, reproduces natural ambient stereo sound fields. Since the M-S technique permits the source's soundwaves to reach both capsules in-phase, it is completely mono compatible.

Fig. 1: M-S Stereo Recording Principles



The M-S circuit is built into the CMS-9's grip. The L-R stereo outputs can connect directly to a field recorder with 48V phantom power.

Dealer: