



Japan's most original microphone maker

CMS-7s

MS Stereo Portable Condenser Microphone

The Sanken CMS-7s is a portable M-S stereo condenser microphone for indoor and outdoor TV and radio broadcasting and motion picture making.

The first microphone of its kind in the world to boast axial directivity, its compact size and weight enable a single person to handle all outdoor stereo recording.

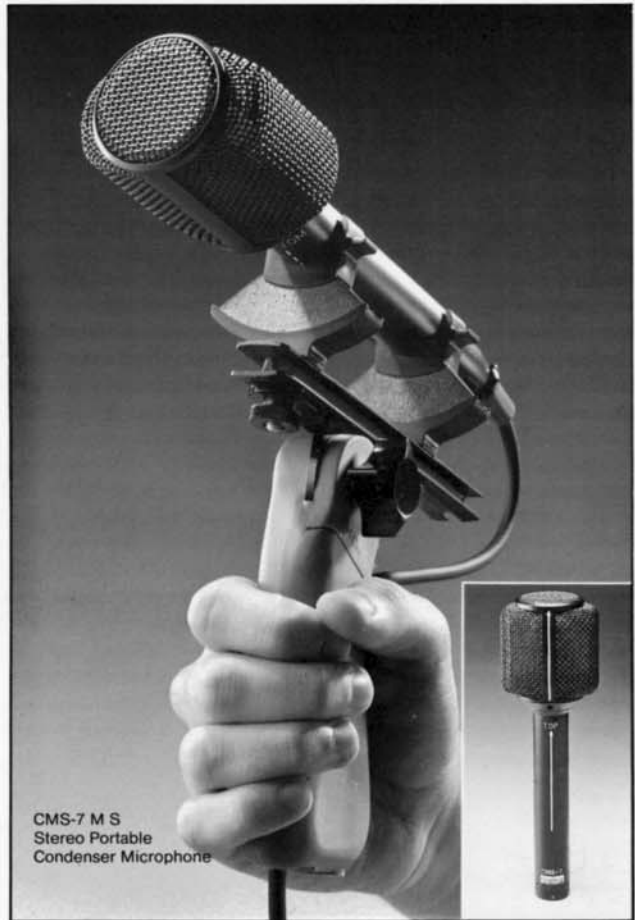
Featuring a clear stereo image with controllable width, a clean, uncolored sound, and maximum immunity to noise interference, it is ideal for picking up ambient stereo sound fields, especially in difficult outdoor environments where wind, microphone, and cable-handling noises can be a problem.

It incorporates Sanken's original Push-Pull capsule design which gives it a sensitivity of 6dB higher than similar sized non-Push-Pull microphones.

It has a dynamic range of 108dB (maximum SPL=130dB at 1% THD), a nearly flat response in the audio frequency range, and inaudible self-noise (19 dB or less).

It is supplied by the CMS-MBB I (or CMS-MBB II), a specially designed power supply and matrix box run by battery or 48V phantom.

*CMS-7s will mount to any standard 19mm diameter handgrip.



CMS-7 M S
Stereo Portable
Condenser Microphone

Specifications

Transducer Type:	Push-Pull DC bias condenser
Directional Pattern:	Mid=Cardioid, Side=Figure 8
Diaphragm:	Titanium membrane (1 micron)
Frequency Response:	50 Hz to 20kHz
Sensitivity at 1kHz:	10mV/Pa
Nominal Impedance:	30 ohms (M-S outputs); 30 ohms (L-R outputs)
Recommended Load Impedance:	600 ohms or higher
Equivalent Noise Level:	19dB or less A weighted rms (IEC 179) ($0dB=2 \times 10^{-5}$ Pa)
Maximum SPL for 1.0% THD at 1kHz:	130dB
Connector to CMS-MBB I (and II):	7-pin XLR type; Pin 1=ground, Pin 2=mid-mic audio (positive), Pin 3=mid-mic audio, Pin 4=side-mic audio (positive), Pin 5=side-mic audio, Pin 6=5.5V DC, Pin 7=DC bias for mic capsule
Power Supply:	CMS-MBB I (or II) with four 1.5V AA batteries or 48V phantom; minimum battery operating time: 40 hrs. (17 hrs. for QMS-MBB II with headphones in use)

Battery Current Consumption:	14mA (CMS-7s with CMS-MBB I) 31mA (CMS-7s with CMS-MBB II)
Dimensions:	235mm×19mm (body diameter)× 61 mm (widest microphone head diameter) [9.2in.×0.7in.×2.4 in.]
Weight:	250g (0.55 lbs.)
Case:	Brass construction and steel screen with black finish

Note: The top and bottom sides are clearly indicated. This is especially helpful if the CMS-7s is mounted high on a boom.

Specifications subject to change without notice.

Included Accessories:

1. Carrying box for CMS-7s and accessories; comes with calibration chart
2. CMS-MBB I (or CMS-MBB II) power supply and switchable matrix box
3. SC-71 7-pin XLR cable assembly (length: 1.5m; 4.9 ft.)
4. SC-73 3-pin XLR cable assembly (length: 0.3m; 1 ft.)×2
5. Battery (1.5V AA)×4

Optional Accessories:

1. SC-72 7-pin XLR cable assembly (length; up to 100m; 328 ft.)
2. WS-7 windscreen
3. WJ-7 windjammer
4. TC-7 carrying case
5. SC-74 matrix console connector
6. GS-7s suspension with handgrip