

FROM SANKEN MICROPHONES

M-S STEREO CONDENSER MICROPHONE INSTRUCTION MANUAL FOR CMS-2



POWERING

This microphone is designed to be driven by 48V phantom power only.

ENVIRONMENTAL CONDITIONS FOR USE AND STORAGE

The microphone should be stored only in temperatures between 0° and 40° C (32°-104° F), and humidity between 0% and 80%.

Do not store or use this microphone in dusty environments.

Do not store where there is high humidity or excess moisture.

Do not store in situations with strong vibrations or constant shaking.

MAINTENANCE

Wipe only with a soft cloth.

Do not use thinners or benzene.

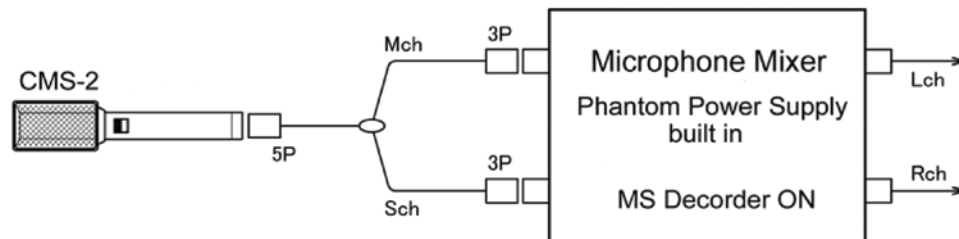
Use a neutral detergent and clean with a dry, soft cloth.

HOW TO CONNECT

The SC-53 output cable separates the outputs to M ch and S ch.

Connection to Mixer incorporating MS Decoder

(For example: YAMAHA PM5D)



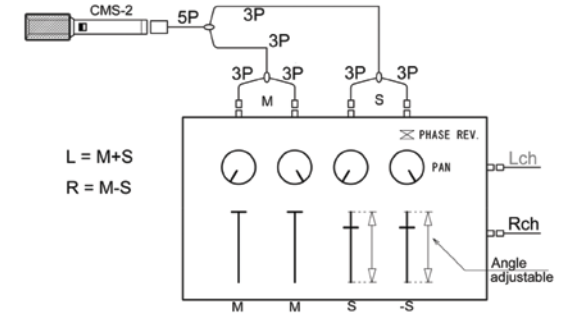
Connection to a Mixer not using an MS Decoder

- To derive the left and right channel outputs from M-S coincident microphone sources, refer to the following equations:

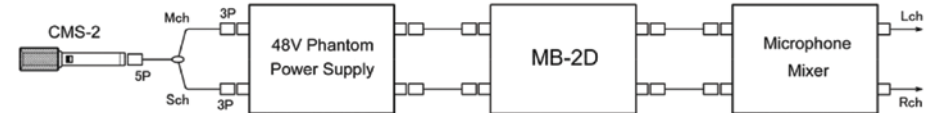
$$L \text{ ch : Sum of M and S}$$

$$R \text{ ch : Difference between M and S}$$

- By connecting the outputs to the mixer as shown, both M and S signals can be decoded as L ch. and R ch. The angle between L and R can also be varied by the adjustment of the S ch. fader volume. When levels of M and S are the same, the stereophonic angle is 127°.

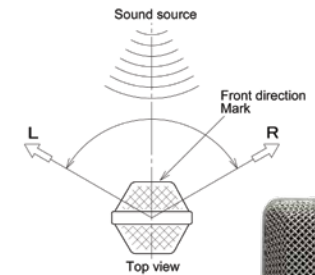


Connection using Optional Matrix Converter MB-2D



DIRECTION

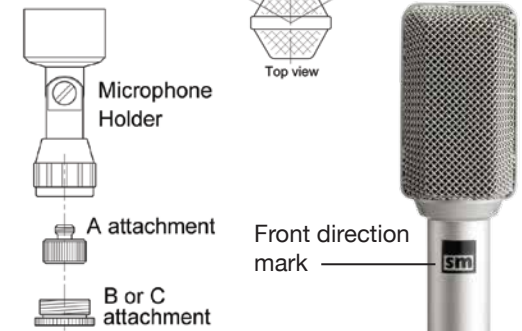
The front of the mic is shown with the logo. If the CMS-2 is suspended from the ceiling, and the microphone head (metal mesh) is aimed downward, the L and R channels will be reversed.



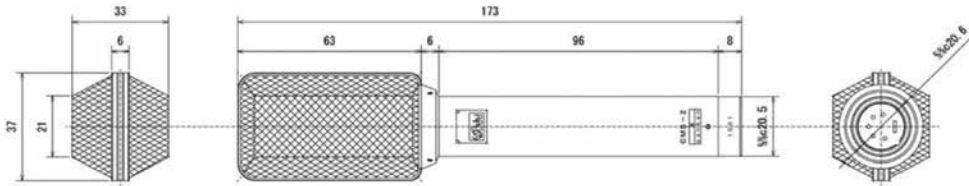
THE MICROPHONE HOLDER

(1) Remove attachment "A" with a coin

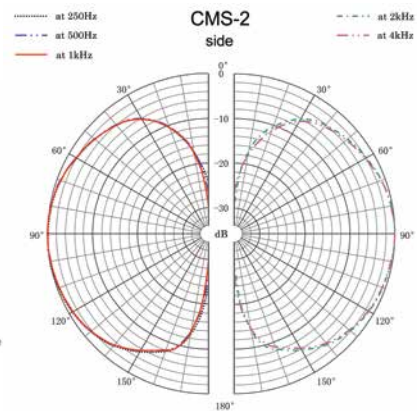
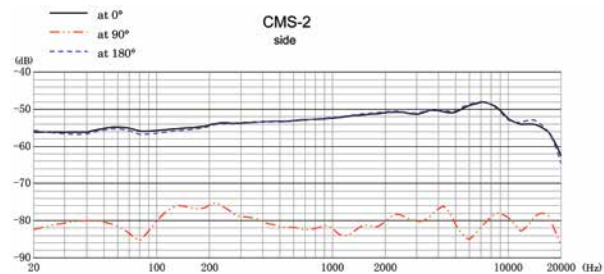
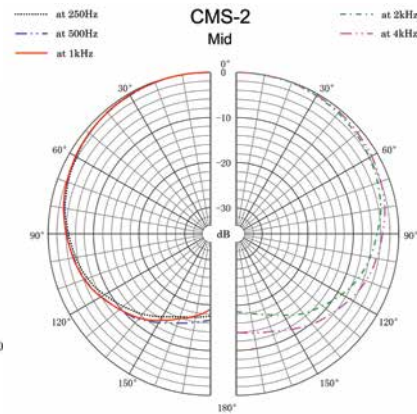
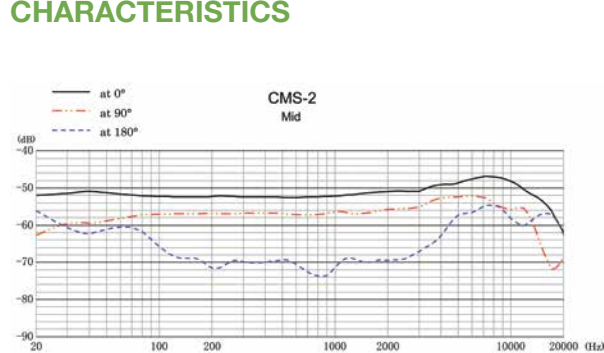
(2) Tighten with the "B" or "C" attachment screw on the microphone holder, to avoid it from accidentally being dislodged.



DIMENSIONS



CHARACTERISTICS



SPECIFICATIONS

Model Name	CMS-2
Transducer	DC biased condenser
Directivity	Side = Figure of eight Mid = Cardioid
Frequency response	20Hz – 18kHz
Sensitivity	-51dB(2.8mV, 0dB=1V/Pa)
Equivalent noise level (IEC)	16dB-A
Max SPL(1% THD)	145dB SPL
Output impedance(1kHz)	250 ohms
Powering	+48V±4V phantom
Current consumption	1.4mA x 2
Weight	180g/ .4lbs
Dimensions	173mm x 20.5mm (D) 6.81in x .81in (D)
Surface Finish	Satin nickel
Connector	XLR-3-12C(M) equivalent 1: GND, 2: Hot, 3: Cold

Specification subject to change without notice



CONTACT US

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