

M-S Microphone with Ideal Precise Coherent Phase Capsule Layout



- M-S microphone for music recording
- Ideal precise coherent phase M-S capsule layout
- Unique push-pull transducer and audio circuitry

The CMS-2 is an M-S stereo condenser microphone designed primarily to record orchestras, choruses and choirs in theatres, concert halls and churches.

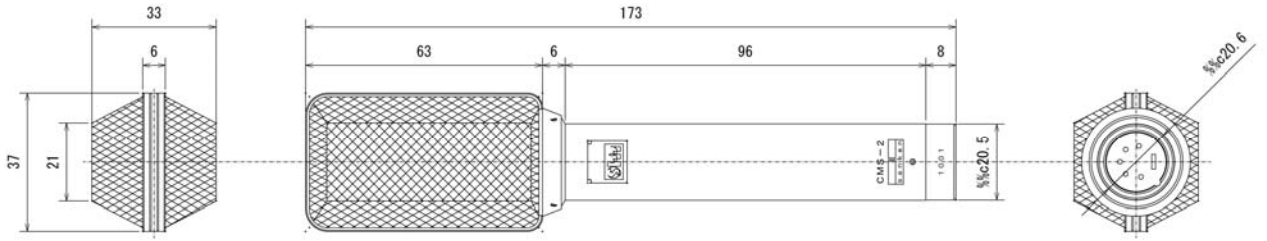
Because of the "one point" physical presence of the microphone itself, the operator can obtain a very naturally mixed stereo sound with the use of the MS to LR matrix circuitry. The light titanium diaphragm permits a wide frequency response and the ability to withstand high SPLs up to 145dB. It is a 48V phantom driven microphone.

The Sanken CMS-2 is a small and light MS stereo microphone for TV / radio broadcasting, and studio and live music recording. Delivering a natural, uncolored sound and offering perfect reproduction of the stereo sound image, it is ideal as a main microphone for orchestras or musical groups. It is also excellent for capturing difficult sound ambiances of live audiences at pop concerts, talk shows, etc. It features a very flat frequency response [20Hz to 18kHz], and inaudible self-noise [16dB or less], which suits it well for high resolution recording. It also features an original Sanken Push-Pull type capsule design which gives it a 6dB higher sensitivity than similar sized conventional microphones. It has a high maximum SPL, 145dB at 1% THD. The CMS-2 has a one-micron thick titanium diaphragm and it can work with the matrix converter or mixing desks.

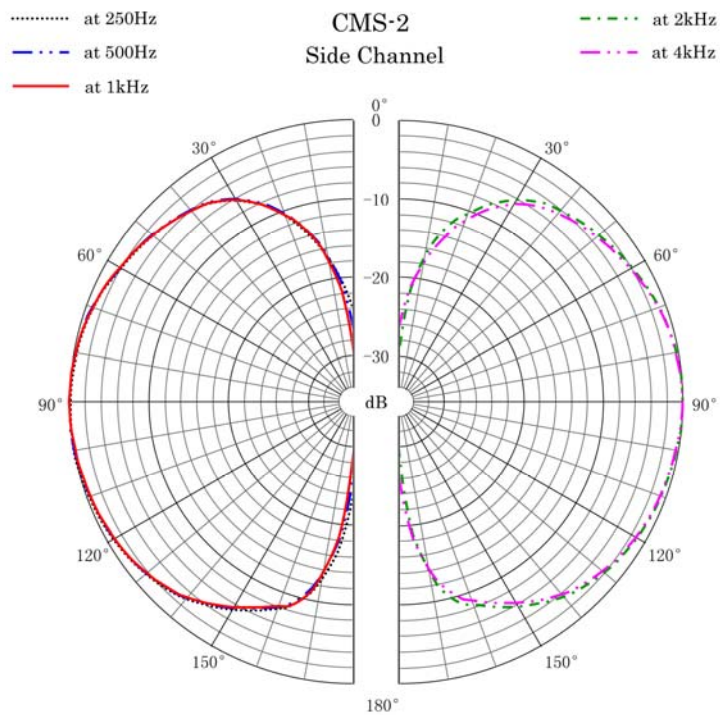
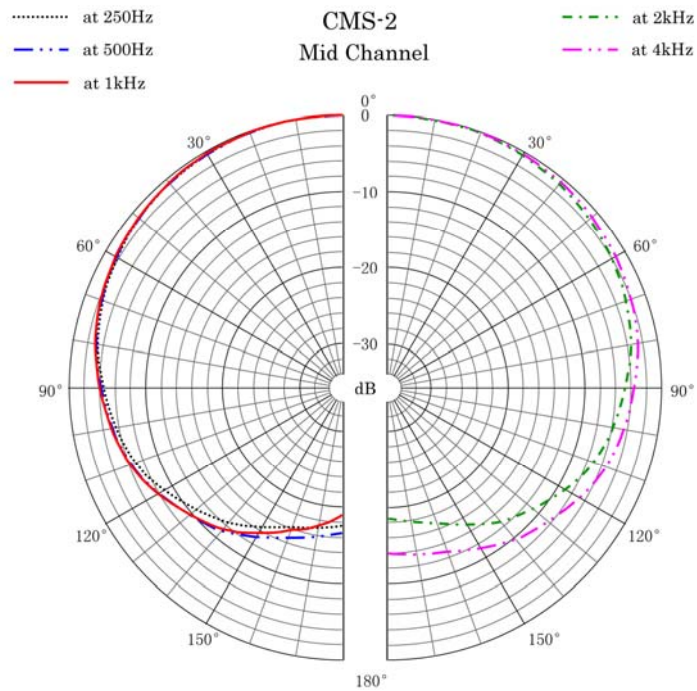
<Specifications>

| | |
|-------------------------------------|---|
| Directivity | Mid=Cardioid , Side=Figure 8 |
| Transducer | DC biased condenser |
| Frequency range | 20Hz - 18kHz |
| Sensitivity (nominal at 1kHz) | 2.8mV/Pa (-51dB,0dB=1V/Pa) |
| Equivalent noise level (A-weighted) | 16 d B-A |
| Max SPL (1% THD) | 145 d B SPL |
| Output impedance at 1kHz | 250Ω |
| Powering | +48±4V phantom X 2ch |
| Current consumption | less than 1.4mA / ch |
| Weight | 180g |
| Dimensions | 173mm X 20.5mm(grip diameter) , 63mm(metal mesh part) |
| Surface finish | satın nickel |
| Connector | XLR-5M |
| Included Accessories | H-21D microphone holder |

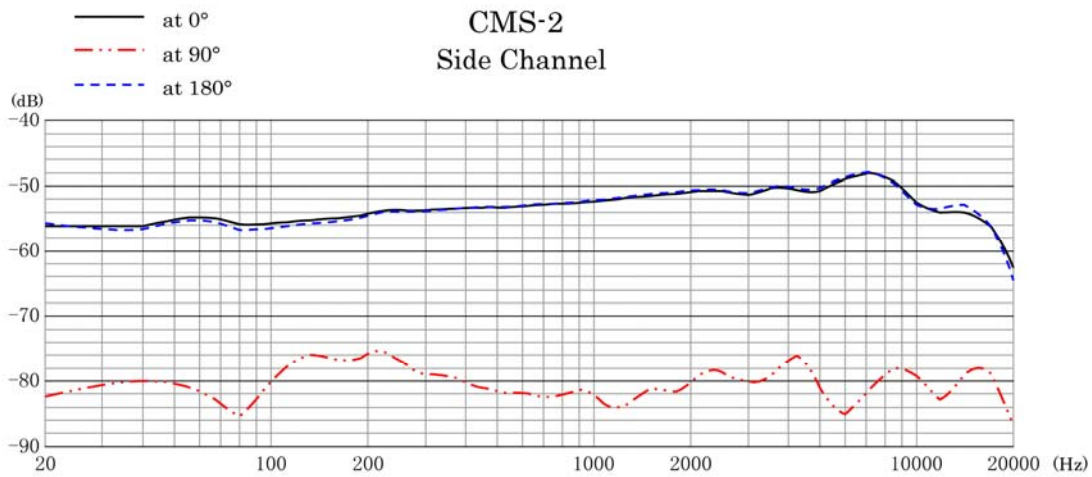
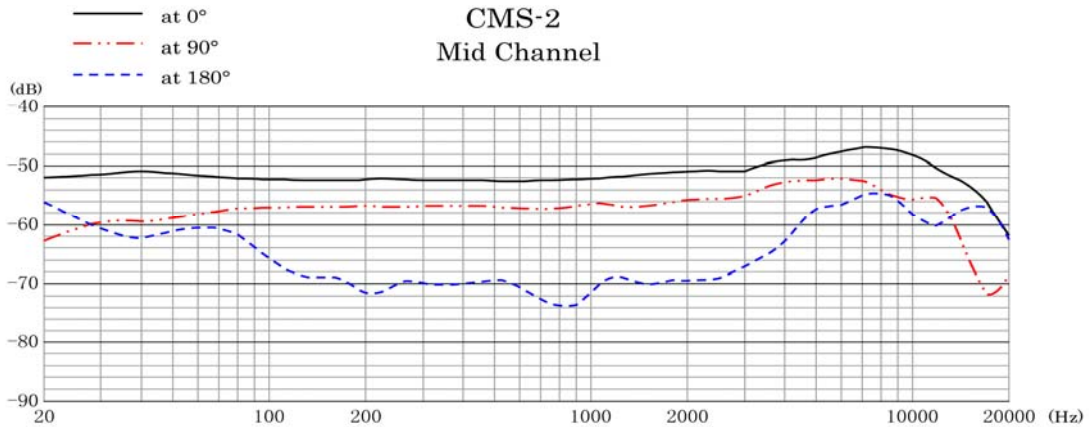
<Dimensions>



<Polar Pattern>



<Frequency Response>



< Optional accessories >

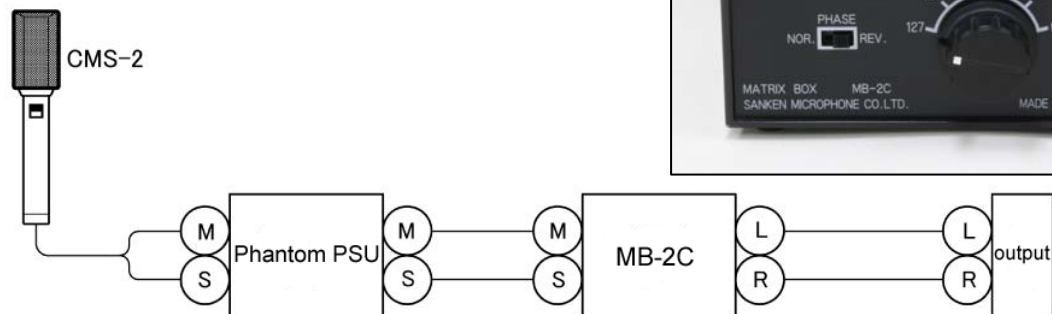
MB-2C

Matrix converter from M-S to L-R angle adjustable

(L-R angle : 127°, 120°, 110°, 100°, 90°, 0°)

(Dimensions : 120mm (W) , 64mm (H) , 171mm (D))

(Weight : 1.2 k g)



Note : Between the CMS-2 and the MB-2C, Phantom PSU is necessary.

SC-532 / 0.3 , SC-532 / 1.8

XLR-5F to two XLR-3M "Y" cable

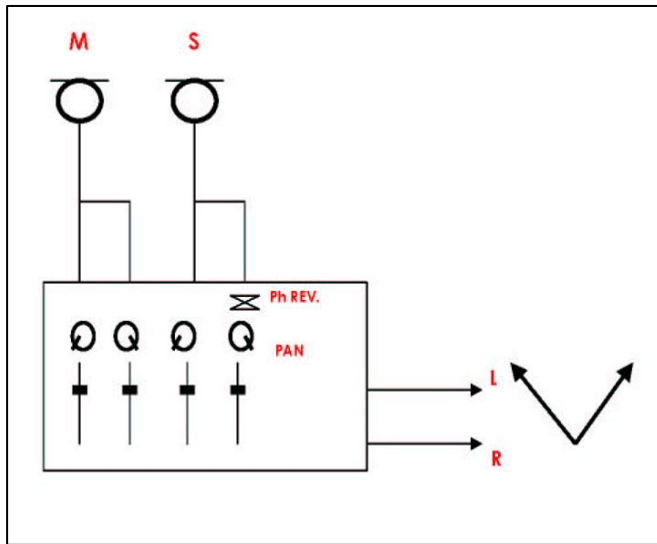
SC-551 / 0.3 , SC-551 / 1.5

XLR-5F to XLR-5M cable

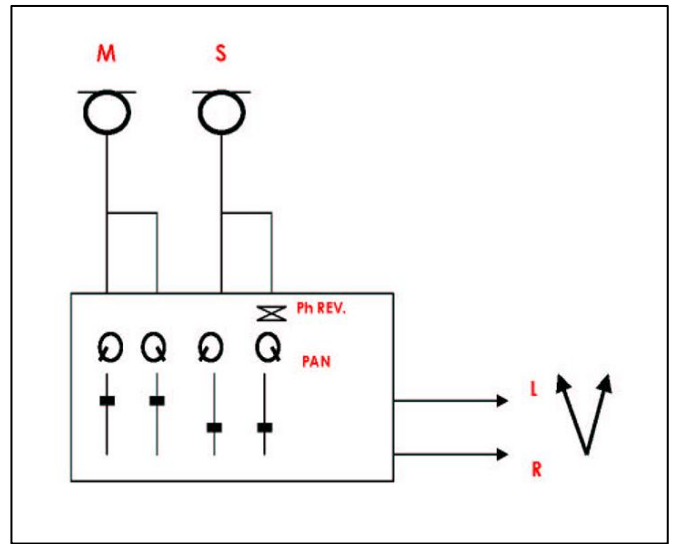
< How to convert M-S to L-R on the mixing console >

Note : The CMS-2 needs +48V phantom power from the mixing console.

[1] Conversion into LR signal
with wide stereo extension angle

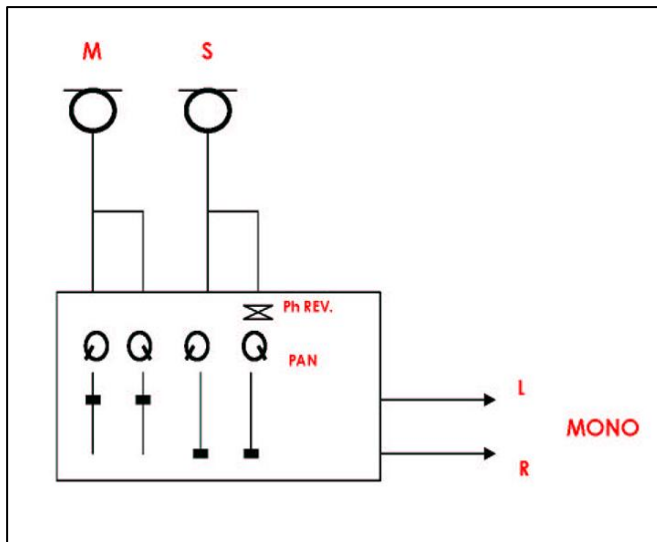


[2] Conversion into LR signal
with narrow stereo extension angle



(When the levels of M and S are equal, the extension angle is 127 degrees.)

[3] Conversion into mono signal



Specifications are subject to change without notice

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