

Wide Stereo, Stereo and Mono, Three Mode Operation Shotgun Microphone



The handgrip is an optional accessory.

- MONO, Normal STEREO and Wide STEREO, 3 MODE switchable
- Superb rear rejection at 180 degrees even in low frequencies
- MONO-STEREO compatibility. — Mono and phantom center have the same sound characteristics

MONO In the MONO mode, sharp directivity is maintained over a wide frequency range for the aimed frontal sound sources, using the combination of a second gradient microphone and a line microphone. It is significant that the CSS-5 picks up the chosen sound source very clearly even in a noisy ambient situation or in a long reverberation space.

NORMAL In the NORMAL mode, the CSS-5 clearly picks up the targeted sound as well as extremely accurate stereo localization. STEREO angle is approx. 115°

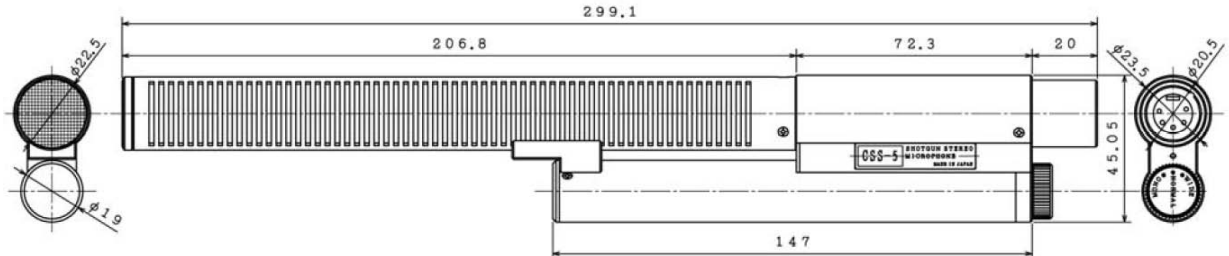
WIDE The WIDE mode is designed for stereo recording of sound effects and environmental information where dialogue will be dubbed in at a later date. This mode allows a wider 140 degree stereo width.

Mono-Stereo Compatibility In stereo recordings, the frequency response of the MONO summed output often exhibits interference, or "comb filtering." This phenomenon is caused by phase differences between the Left and Right signals. This does not occur in single point recording, either X-Y or M-S, but does happen with spaced - AB - microphone stereo recording because of the time intervals between the two capsules. In the CSS-5, the three-capsule line array is for frontal pickup, with its elements arranged vertically along the same axis, so Mono / Stereo compatibility is superb.

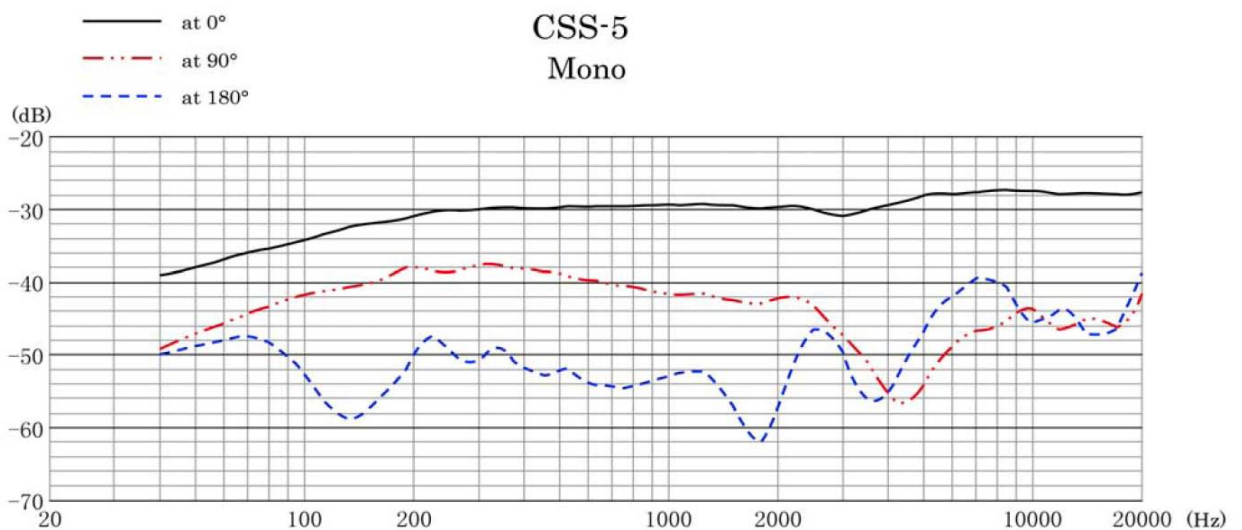
<Specifications>

Directivity	Super Cardioid / lobar , 2ch Stereo
Transducer	DC biased condenser
Frequency range	100Hz - 15kHz
Sensitivity (nominal at 1kHz)	MONO 32mV/Pa (-30dB,0dB=1V/Pa) NOR 40mV/Pa (-28dB,0dB=1V/Pa) WIDE 70mV/Pa (-23dB,0dB=1V/Pa)
Equivalent noise level (A-weighted)	18dB-A
Max SPL (1% THD)	120dB SPL
Output impedance at 1kHz	240Ω
Powering	+48±4V phantom X 2ch
Stereo angle	NOR 120°, WIDE 140°
Current consumption	less than 2.5mA (Lch) , less than 1.6mA (Rch)
Weight	250g
Dimensions	300mm X 45mm ,22.5mm (slit part diameter),19mm (grip diameter)
Surface finish	matte black
Connector	XLR-5M

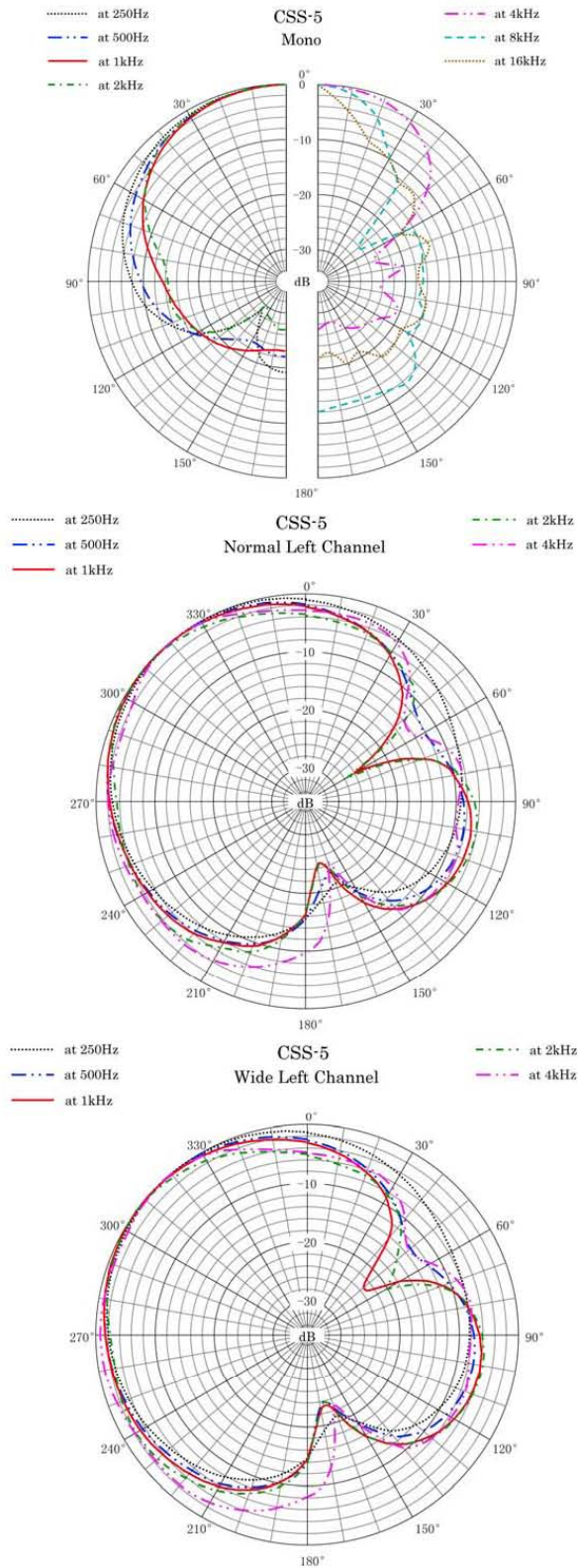
<Dimensions>



<Frequency Response>



<Polar Pattern>



Specifications are subject to change without notice

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