

## 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°

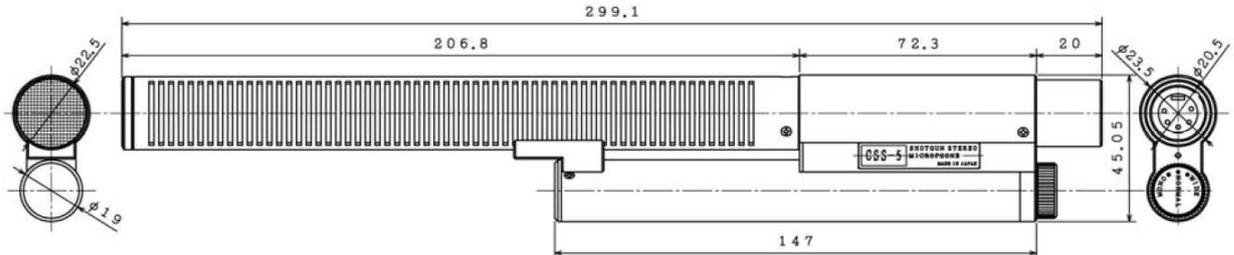
**WIDE** The WIDE mode is designed for stereo recording of sound effects and environmental information where dialogue will be dubbed in at a later date. This mode allows a wider 140 degree stereo width.

**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.

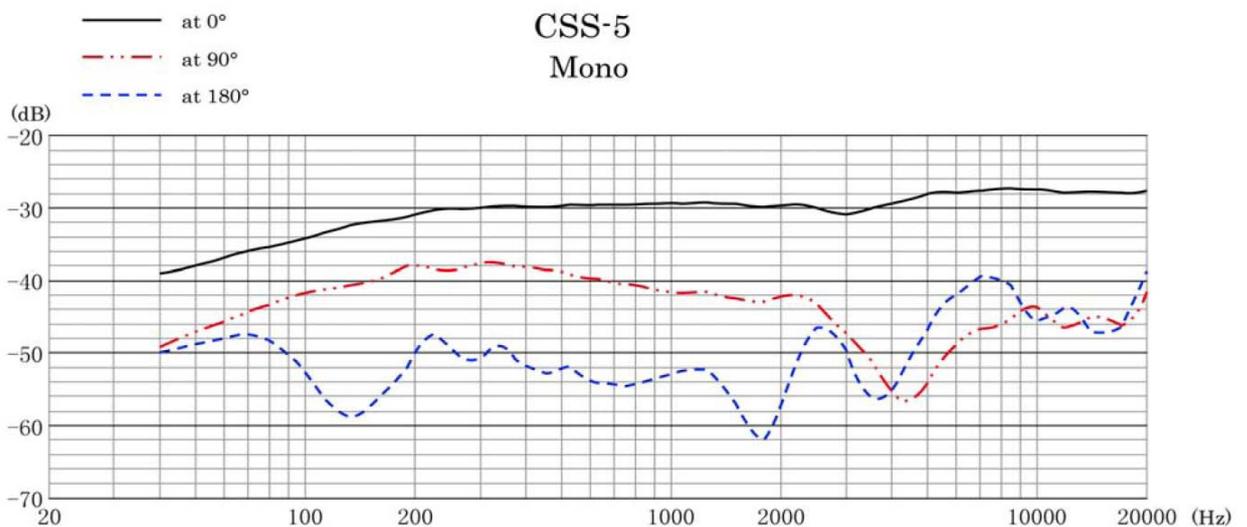
## <Specifications>

|                                     |  |
|-------------------------------------|--|
| 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)<br>NOR 40mV/Pa ( -28dB,0dB=1V/Pa)<br>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   |

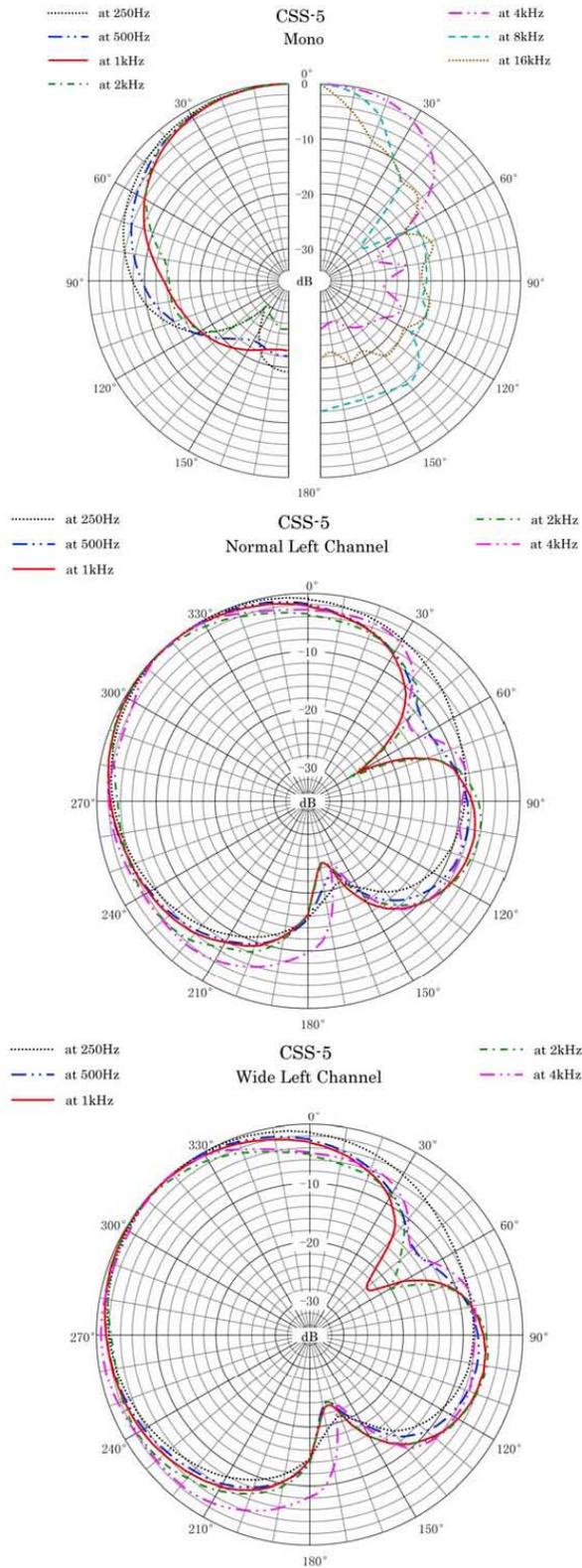
## <Dimensions>



## <Frequency Response>



<Polar Pattern>



Specifications are subject to change without notice

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