

## Location and Studio Shotgun Featuring Exceptional Off-axis Rejection



The handgrip is an optional accessory.

- Location and studio shotgun featuring exceptional off-axis rejection
- Unique design combination of line mic array and second pressure gradient method
- Very sharp pinpoint directivity
- Provides rich human voice characteristics

The CS-3e stands out among shotgun microphones because it maintains directivity over an extremely wide frequency range, especially in the low frequencies. Because of its unique design, the CS-3e is an excellent choice for use in difficult applications, such as close-to-ceiling positions or locations near a noisy camera. Even in such challenging situations, the excellent side and rear rejection of the CS-3e helps to capture only the targeted dialogue without ambient reverberation problems. The CS-3e delivers sharp directional sound even in the lower frequencies. Sanken's original design results in a low proximity effect which facilitates working in a scene close-up and wide, while producing little change in sound character.

In the CS-3e, three directional capsules are arranged in a front-back array to combine line microphone performance and second-order pressure gradient response in a single system. With this unique design, the CS-3e achieves phenomenal supercardioid directivity in the lowest frequencies and throughout the full range in a microphone only 27cm (10 inches) in length. It is significant that the CS-3e picks up the targeted frontal sound sources with exceptional clarity over a wide frequency range - even in noisy ambient environments or in long reverberation spaces - by rejecting undesired noise and sounds coming from the rear and sides.

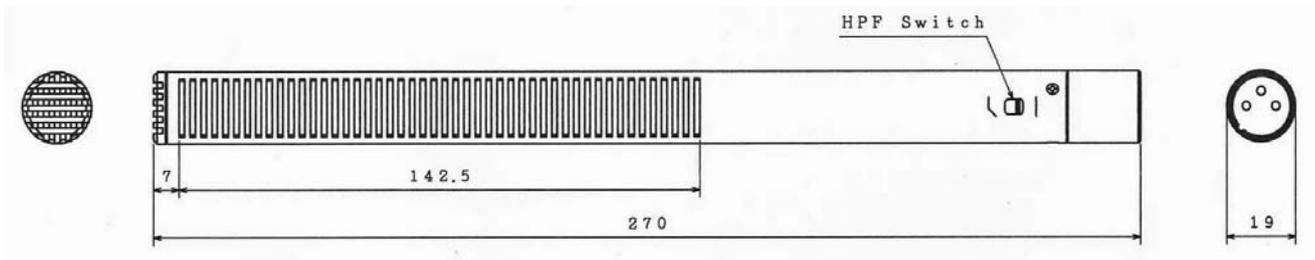
The CS-3e is small and lightweight with a low-cut switch to satisfy the various needs of location and studio recording. The standard 19mm diameter permits use of a wide range of accessories developed for enhanced performance and field mobility.

When a conventional shotgun microphone is near the sound source, proximity effect results in a boosting of certain low frequencies and slight masking of others. The CS-3e virtually eliminates the proximity effect and maintains sharp directivity, while the sonic characteristics do not change with varied distances between sources and microphone. This is a significant advantage over all other directional microphones.

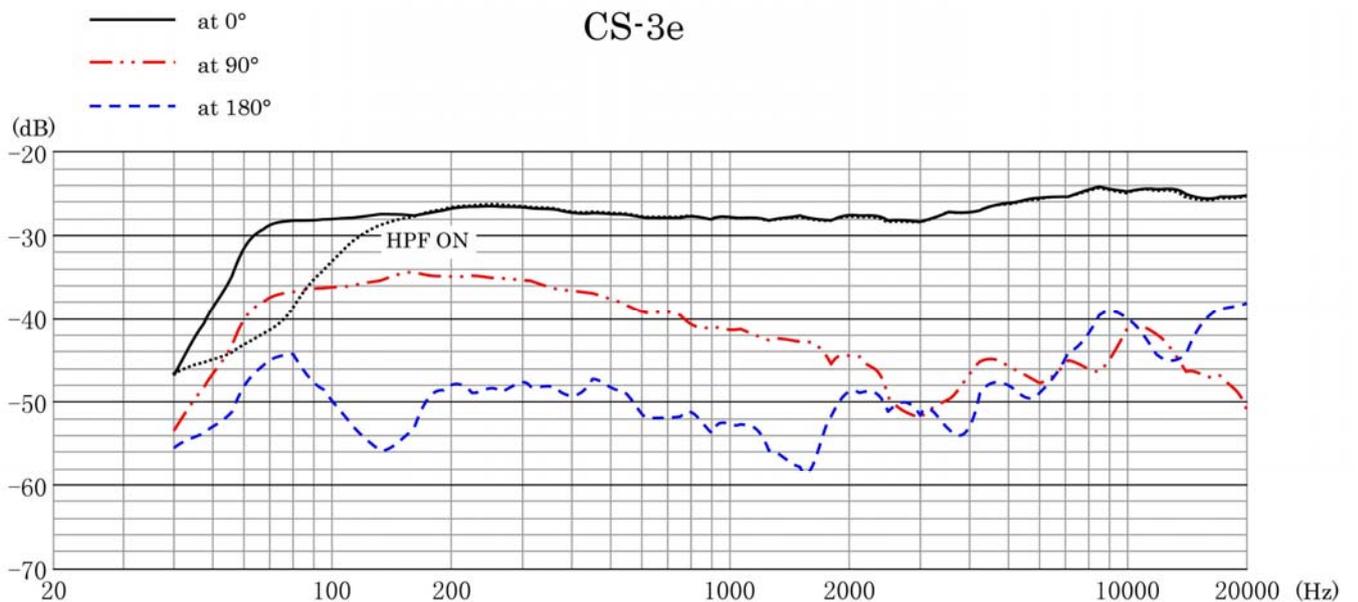
## <Specifications>

Directivity	Super Cardioid / lobar
Transducer	DC biased condenser
Frequency range	50Hz - 20kHz
Sensitivity (nominal at 1kHz)	40mV/Pa (-28dB,0dB=1V/Pa)
Equivalent noise level (A-weighted)	15dB-A
Max SPL (1% THD)	120dB SPL
Output impedance at 1kHz	120Ω
Powering	+48±4V phantom
Current consumption	less than 2.5mA)
Weight	120g
Dimensions	270mm X 19mm (diameter)
Surface finish	matte black
Connector	XLR-3M

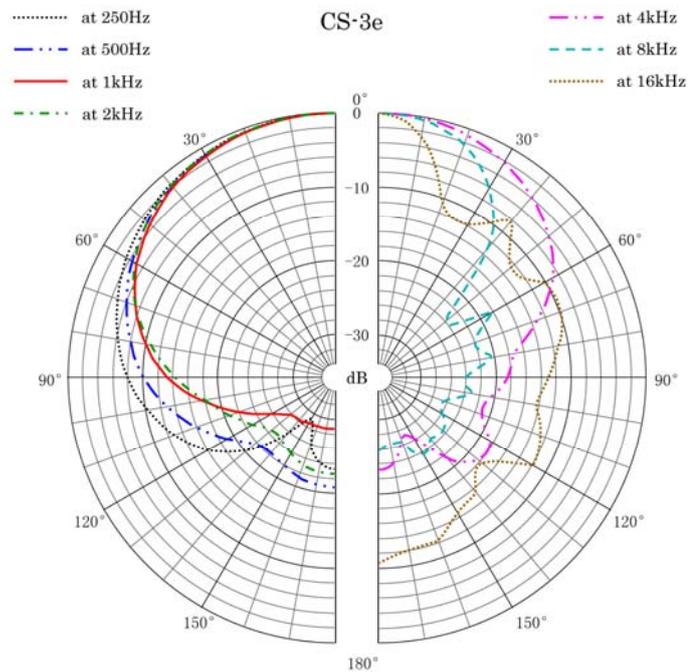
## <Dimensions>



## <Frequency Response>



<Polar Pattern>



< Optional accessories >

**GS-5**

Suspension handgrip



**SG-1**

Urethane windscreen



**WS-7s**

Cage windshield  
(Rycote RWS-4J)



**TC-3**

Flight case



**WJ-7s**

Windjammer for WS-7s



Specifications are subject to change without notice

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