

CU-31 & CU-32 SMALL HI-RES HI-INPUT CLARITY

CU-31 and CU-32 High Input SPL High Transient Response Compact Condenser Mics

Wide number of applications for various kinds of musical instruments

Small, high-resolution condenser microphones designed for music recording. The CU-31 and CU-32 capture sound beautifully, from quiet nuanced performances to loud bombastic explosions.

A **high transient response** allows the superb broadcast or recording of percussion, cymbal sounds and woodwind instruments.

They also feature **6dB higher sensitivity than conventional microphones**. As a result, they are suited for cleanly capturing such explosive, high pressure sound sources as trumpets and drums, particularly in tight spaces.

CU-31 Maximum sensitivity: **On-Axis**

CU-32 Maximum sensitivity: **Side-Firing**

Only 4.75" (120.5mm) Long

The Sanken CU-31 and CU-32 are small, lightweight microphones for all recording applications. Delivering a natural, uncolored sound, they feature Sanken's original Push-Pull type capsule design, which gives them increased sensitivity.

In addition to their high maximum SPL of 148dB at 1%THD, they offer a very flat frequency response (20Hz to 18,000Hz).



Unique to Sanken microphones, these mics come with a light, strong, corrosion-free, one-micron **titanium** diaphragm which is immune to changes in temperature and humidity. And you can choose from the on-axis CU-31 or the CU-32 with a side-firing pattern.

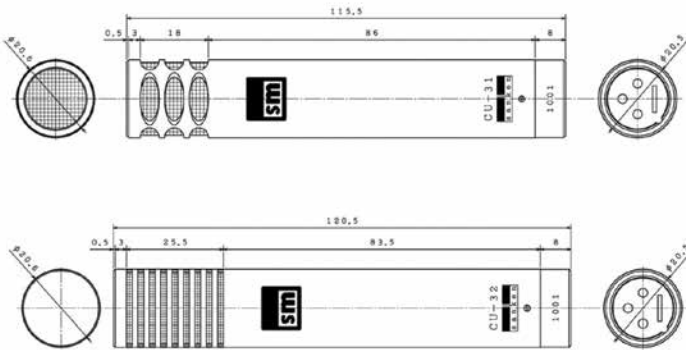
These are very practical, proven microphones. The CU-31 and CU-32 are especially renowned for their quality and for their reliability.

CU-31 & CU-32

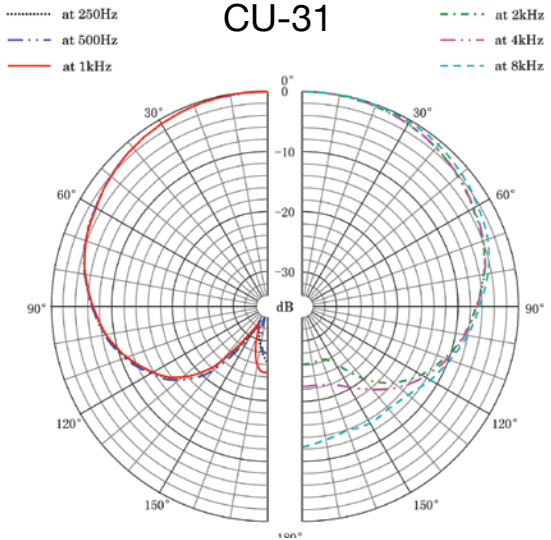
Small Mic Packs a Powerful Punch

SPECIFICATIONS

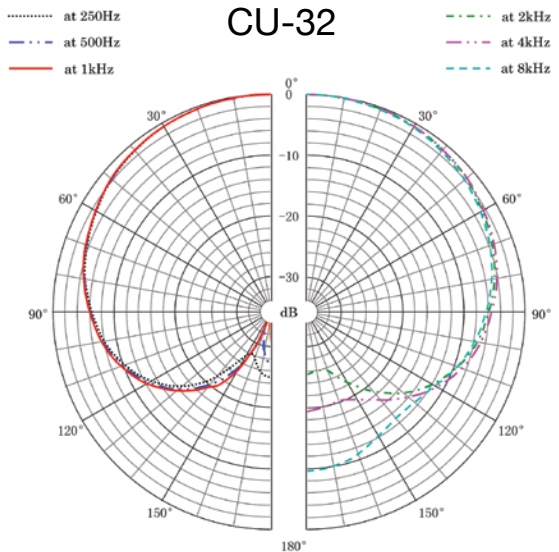
Model Name	CU-31 & CU-32
Transducer	DC biased condenser
Directivity	Cardioid
Frequency response	20Hz – 18kHz
Sensitivity	3.5mV/Pa (-49dB, 0dB=1V/Pa)
Equivalent noise level (IEC)	19dB-A
Max SPL(1% THD)	148dB SPL
Output impedance(1kHz)	200 ohms
Powering	+48V±4V phantom
Current consumption	Less than 1.4mA
Weight	125g / 4.4oz
Dimensions	CU-31: 116mm x 20.6mm (D) 4.6in x 0.8in (D)
	CU-32: 121mm x 20.6mm (D) 4.8in x 0.8in (D)
Surface finish	Satin nickel
Connector	XLR-3-12C(M) equivalent 1: GND, 2: Hot, 3: Cold



POLAR PATTERN CU-31

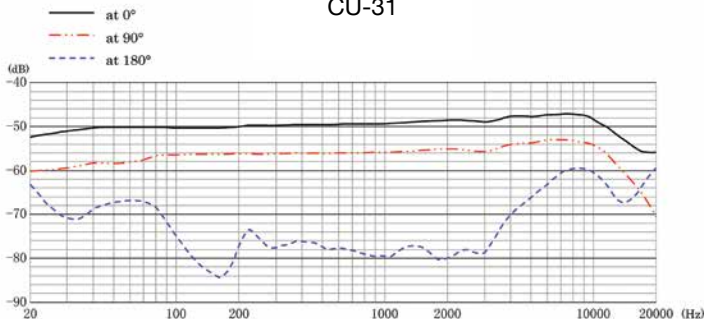


POLAR PATTERN CU-32

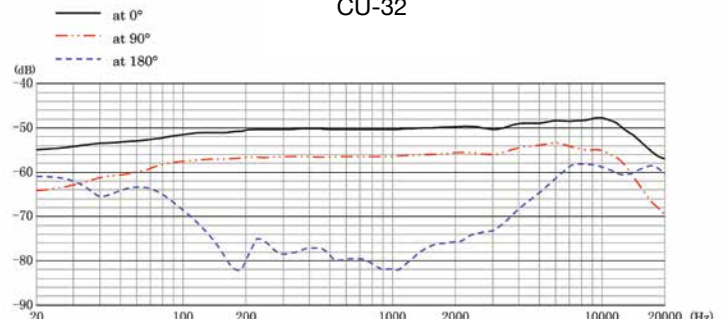


FREQUENCY RESPONSE

CU-31



CU-32



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