

**CU-31: Axis Direction**

**CU-32: 90-degree Direction**

## Small, High-Resolution Condenser Microphone



- Small size, easy to set up
- Wide number of applications for various kinds of musical instruments
- Beautiful cardioid pattern and frequency response not only on-axis but at other angles

Small, high-resolution condenser microphones designed mainly for music recording, the CU-31 and CU-32 capture sound beautifully, not only for a full orchestra but also in solo musical instrument performances. A high transient response allows the superb broadcast or recording of percussion, cymbal sounds and woodwind instruments.

The Sanken CU-31 and CU-32 are small, lightweight microphones for TV / radio broadcasting and studio recording. Delivering a natural, uncolored sound, they feature Sanken's original Push-Pull type capsule design, which gives them sensitivity 6dB higher than conventional microphones of the same size. As a result, they are particularly suited for cleanly capturing such explosive, high pressure sound sources as trumpets and drums. In addition to their high maximum SPL of 148dB at 1%THD, the CU-31 and CU-32 offer a very flat frequency response ( 20Hz to 18,000Hz ). Like all Sanken microphones, these mics come with a light, strong, corrosion-free one-micron titanium diaphragm which is immune to changes in temperature and humidity. These are very practical, proven microphones. The CU-31 and CU-32 are especially renowned not only for their quality, but for their reliability.

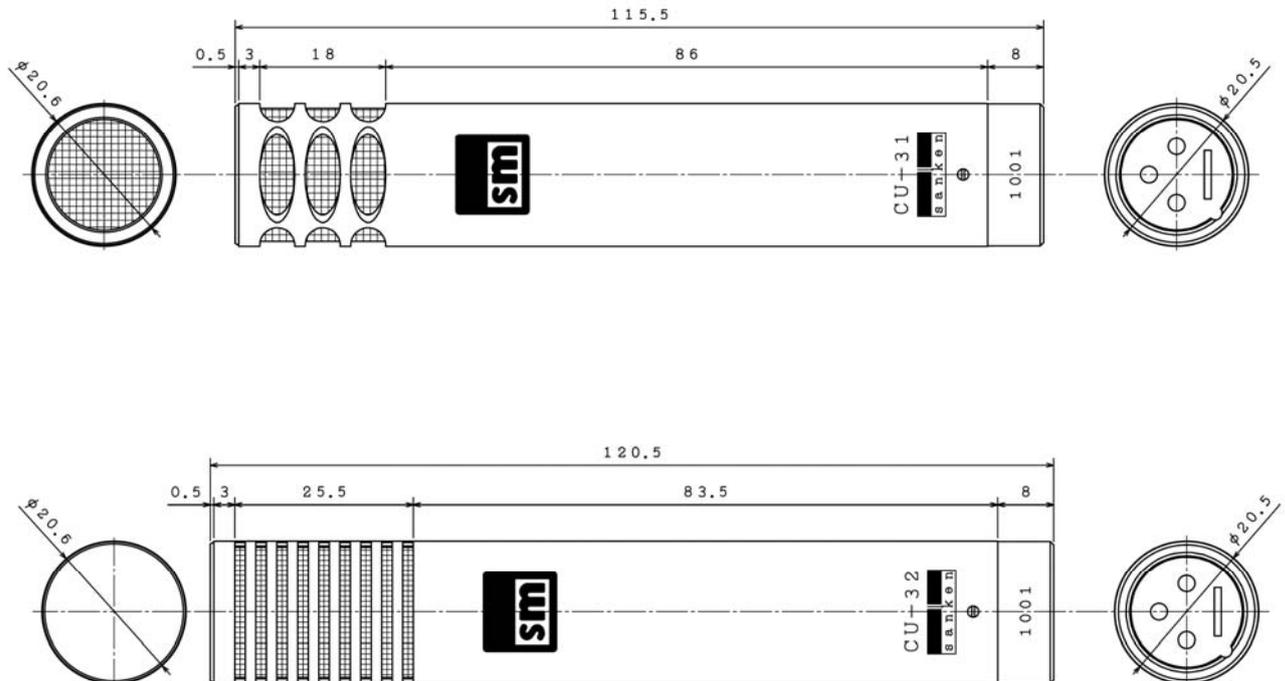
CU-31 ; Maximum sensitivity: on axis

CU-32 ; Maximum sensitivity: 90 degree to longitudinal axis

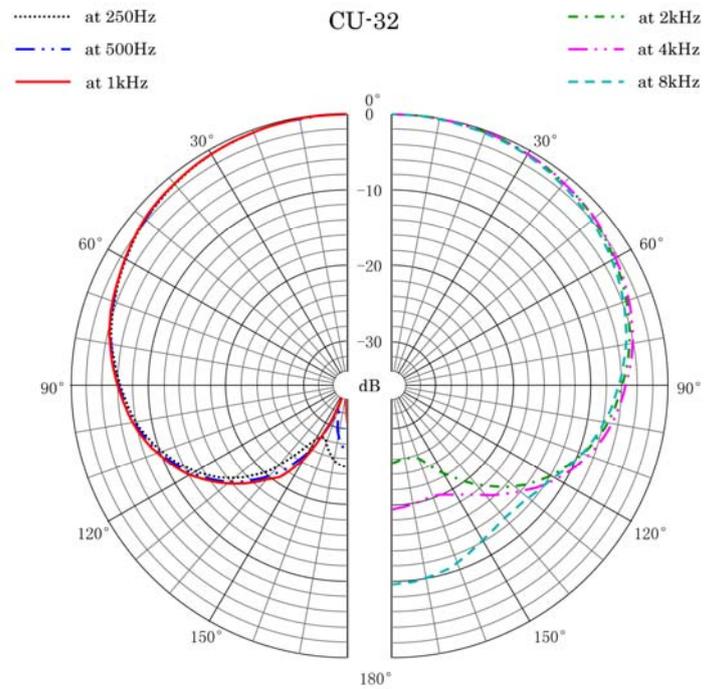
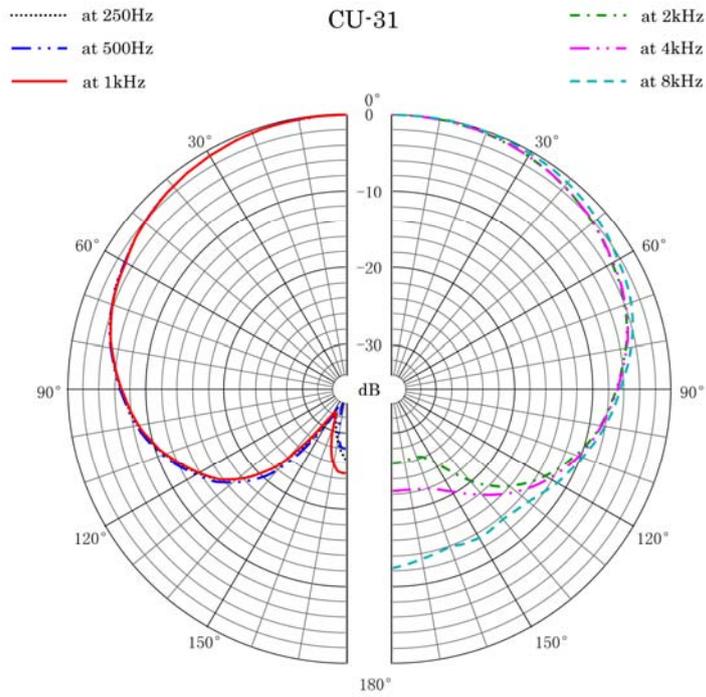
## <Specifications>

Directivity	Cardioid
Transducer	DC biased condenser
Frequency range	20Hz - 18kHz
Sensitivity (nominal at 1kHz)	3.5mV/Pa ( -49dB,0dB=1V/Pa)
Equivalent noise level (A-weighted)	19dB-A
Max SPL (1% THD)	148dB SPL
Output impedance at 1kHz	200Ω
Powering	+48±4V phantom
Current consumption	less than 1.4mA
Weight	125g
Dimensions	CU-31 ; 116mm X 20.6mm (diameter) CU-32 ; 121mm X 20.6mm (diameter)
Surface finish	satin nickel
Connector	XLR-3M
Included Accessories	H-21F microphone holder

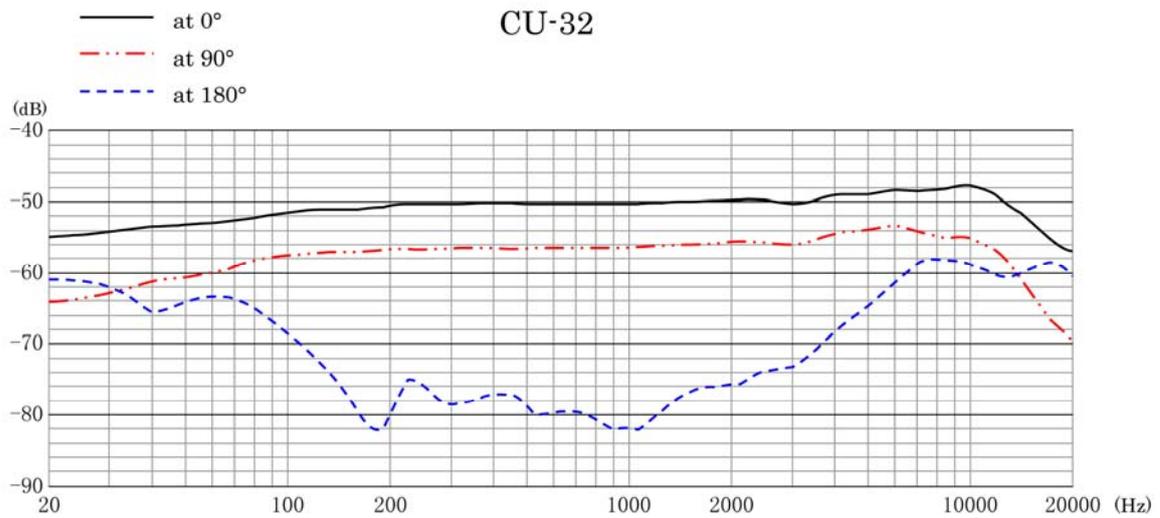
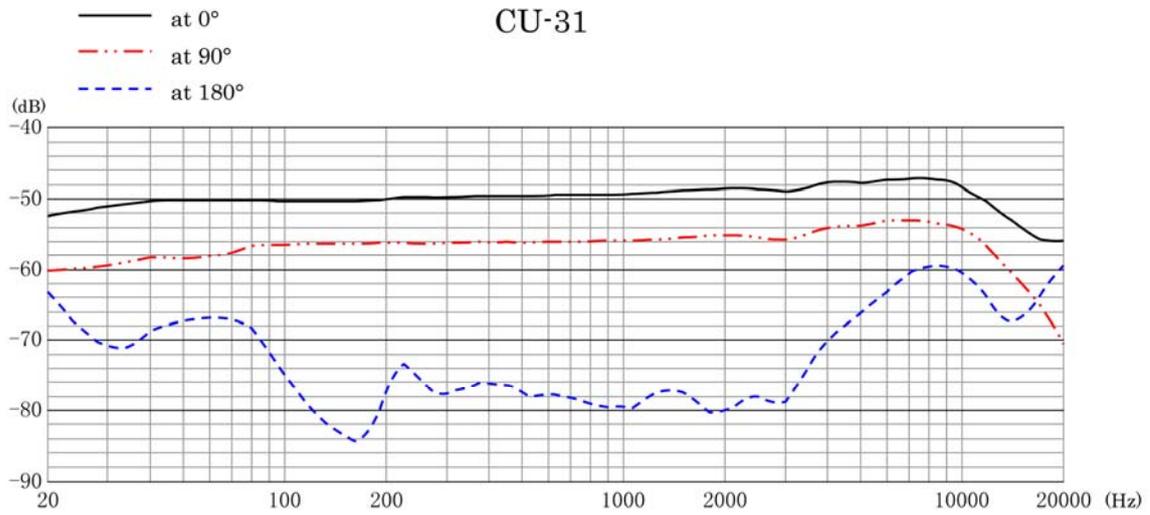
## <Dimensions>



<Polar Pattern>



<Frequency Response>



< Optional accessories >

**H-21F**

Microphone Holder



**WM-31**

Urethane wind screen



Specifications are subject to change without notice

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