

## The Boundary Microphone With Front Side of Hemisphere Cardioid Directivity



- Clear and rich sound
- Small size, easy to set up
- Front side of hemisphere cardioid directivity

The SANKEN CUB-01 offers an exclusive design which overcomes the limitations of previous boundary microphones, producing an extremely rich and full-bodied sound. Although small (32.5mm diameter, 14mm height, 45g weight) the sound is comparable with much larger microphones. The CUB-01 is designed for use in many situations, from TV and film field shooting to broadcast studio production and conference table recording. Because of its small size it is easy to conceal from the camera, and can be positioned in a variety of environments, for example, attached to the ceiling of a car with two-sided sticky tape.

Using Sanken's advanced technology, the CUB-01 has a unique square-shaped capsule housing the diaphragm. With this proprietary design, the effective area of the diaphragm is significantly enlarged. Due to the CUB-01's cardioid directional characteristics, human narration and dialogue are clearly recorded while eliminating unnecessary background noise.

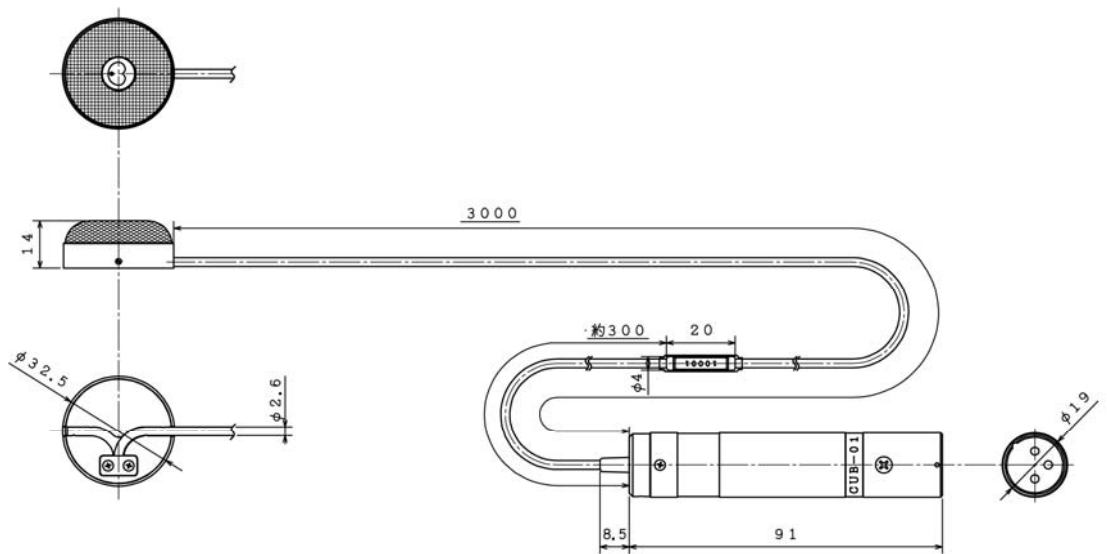
The CUB-01 is available in gray or beige.

The Sanken CUB-01 offers a totally new design that overcomes the limitations of previous boundary microphones. Generally speaking, most boundary microphones have almost the same sound characteristics, heard as "thin," "solid," and "metallic." Using Sanken's advanced technology, the CUB-01 has resolved this problem with its unique square-shaped cardioid capsule. This proprietary design significantly enlarges the effective area of the diaphragm, resulting in a boundary microphone whose sound is rich and natural, with a flat response to 70Hz. Now it is possible to capture a "full bodied" and "clear" sound - human narration and dialogue are clearly caught while excluding unnecessary background noise.

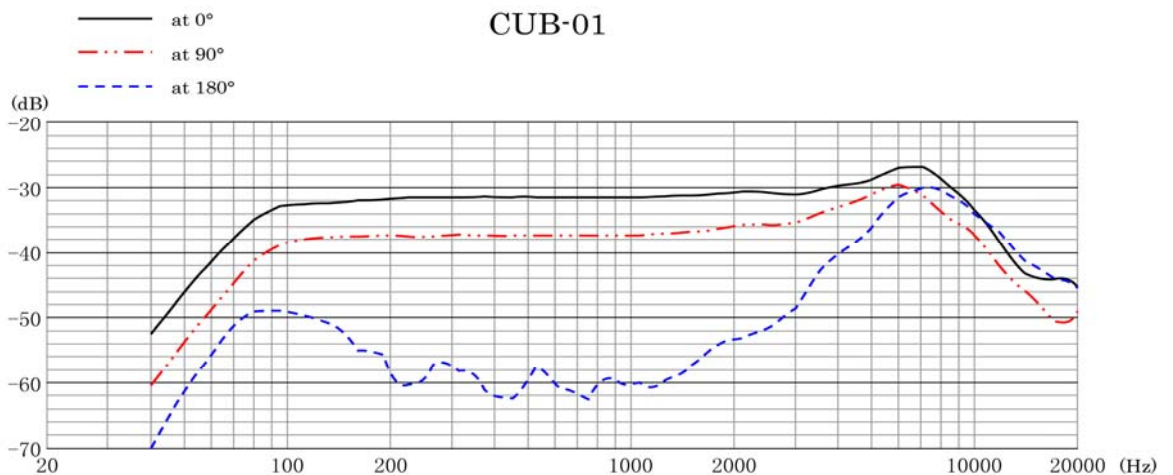
## <Specifications>

Directivity	Cardioid / front side of hemisphere
Transducer	Self-polarized condenser
Frequency range	60Hz - 15kHz
Sensitivity (nominal at 1kHz)	40mV/Pa (-28dB,0dB=1V/Pa)
Equivalent noise level (A-weighted)	16dB-A
Max SPL (1% THD)	120dB SPL
Output impedance at 1kHz	180Ω
Powering	+48±4V phantom
Current consumption	less than 1.8mA
Weight	45g (including cable) , 55g (48V I/F)
Dimensions	32.5mm (diameter) X 14.0mm
Surface finish	CUB-01-BE = baked painting / beige CUB-01-GY= baked painting / gray
Connector	XLR-3M
Included Accessories	rubber base X 2 , urethane wind screen

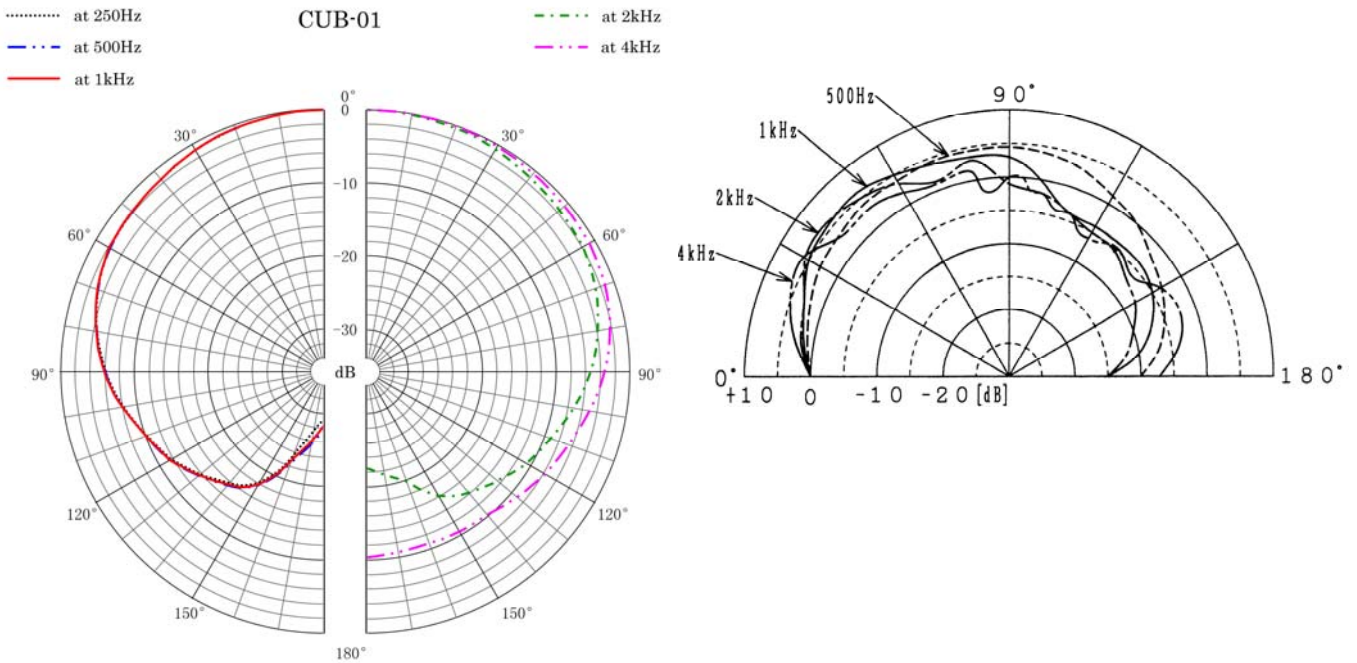
## <Dimensions>



## <Frequency Response>



<Polar Pattern>



< Optional accessories >

**RB-01**

Rubber base



**WJ-01**

Windjammer  
for outdoor use



**WM-01-BK**

Urethane wind screen  
(black)



Specifications are subject to change without notice

## SANKEN MICROPHONE CO., LTD.

2-8-8 Ogikubo, Suginamiku, Tokyo 167-0051 Japan

Phone: +81 3 3392 6581 FAX: +81 3 3393 2055 www.sanken-mic.com