

## The miniature boundary microphone with the front side of hemisphere cardioid directivity

- **Clear, rich, high quality and pure sound**
- **Small size, easy and quick to set up**
- **Front side of hemisphere cardioid directivity**

The Sanken CUB-01 offers an exclusive design which overcomes the many different limitations of previous boundary microphones, producing an extremely rich and full-bodied sound. Although it is small (32.5mm diameter, 14mm height, 45g weight) the sound can be compared to other much larger microphones. The CUB-01 is designed to be used in various different situations, from conference table recording to TV and film field shooting, and broadcast studio production. Due to its small size it's extremely easy to conceal from the camera and can be positioned in an array of environments, for example, attached to the ceiling of a car with double 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 whilst also eliminating unnecessary background noise. The CUB-01 is available in colours **grey** and **beige**. The Sanken CUB-01 offers a totally new design that overcomes limitations that previous boundary microphones have faced. Generally speaking, most boundary microphones have almost the exact same sound characteristics, typically "thin, solid and metallic". With Sanken's advanced technology, the CUB-01 has resolved this issue 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 clear, rich and natural, with a flat response to 70Hz. Sanken have now made it possible to capture a full bodied, clear sound whilst eliminating unnecessary background noise.

Series: **CUB-01-BE** and **CUB-01-GY**

### **Common specifications**

Directivity	<b>Cardioid/front side of hemisphere</b>
Transducer	<b>Self-polarised condenser</b>
Frequency range	<b>60Hz - 15kHz</b>
Sensitivity (nominal at 1kHz)	<b>40mV/Pa ( -28dB,0dB=1V/Pa)</b>

Equivalent noise level (A-weighted)	<b>16dB-A</b>
Max SPL (1% THD)	<b>120dB SPL</b>
Output impedance at 1KHz	<b>180 ohms</b>
Powering	<b>+48±4V phantom</b>
Current consumption	<b>Less than 1.8mA</b>
Weight	<b>45g (including cable) 55g (48V I/F)</b>
Dimensions	<b>32.5mm (diameter) X 14.0mm</b>
Connector	<b>XLR-3M</b>

### **Included accessories**

Included Accessories 01	<b>Rubber base x2</b>
Included Accessories 02	<b>Urethane wind screen</b>
Included Accessories 03	<b>Instruction manual</b>
Included Accessories 04	<b>Warranty card</b>
Included Accessories 05	<b>Vinyl case</b>