SCM-280
Professional Capacitor Microphones

Relacart®

SCM-280 Super Directional Condenser Microphone adopts an exquisite design with a total length of 203mm, excellent directivity and high sensitivity, and is suitable for conferences, teaching, TV broadcasting, professional recording and other occasions. The equipped windproof sponge cover can reduce the appearance of unwished jet noise and other wind noises when speaking.

Adopting a new design, it has an outstanding ability to prevent radio frequency interference and avoid interference such as mobile phones when receiving.

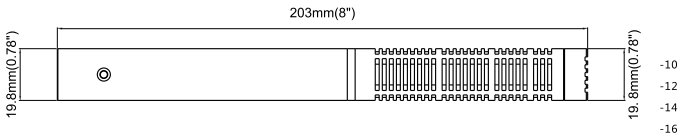
Using a constant current source and an ultra-low noise amplifier circuit, it can obtain high-definition sound quality with low noise and no rendering.

The built-in DC-DC conversion circuit can maintain stable operation and can automatically correspond to 18~52V phantom power.

The bottom terminal of the microphone is a standard XLRM-3 connector, which can be connected to any conference microphone designed with XLRF-3. The audio output is a low-impedance balanced audio output.

Exposing the microphone to high temperature may cause the output level to gradually and permanently decrease. Avoid leaving the microphone in a place in the sun or a place where the temperature exceeds 43 degrees for a long time, and avoid extremely high humidity.

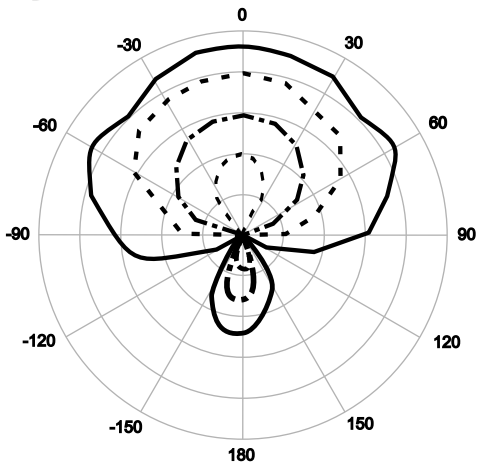
Structure Dimension



Specifications

Capsule: DC biased condenser microphone
Directivity: Super directional
Frequency Response: 80 - 20,000Hz
Sensitivity: -23dB (70. 8mV) re 1V at 1 Pa
Impedance: 100 ohms
Max. Input SPL: 116dB SPL, 1 KHz at 1% T.H.D.
Dynamic Range (Typical): 110dB, 1 KHz at Max SPL
S/N Ratio: 75dB, 1 KHz at 1 Pa
Phantom Power: 18-52V DC
Weight: 109g
Dimension: 20mm x 203mm (Diameter x Length)
Output Connector: Built-in -pin XLRM connector
Standard Accessories: Fixing bracket, Windshield, Storage box

Directivity

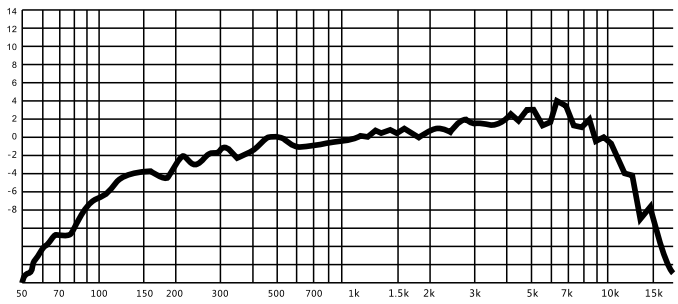


Sound Pressure Curve: 5dB per scale

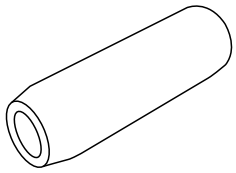
500Hz ····· 4KHz - - - - -

1KHz -·-·-·- 8KHz ——

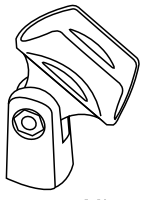
Frequency Characteristics



Accessories



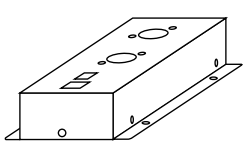
Windshield



Microphone Clip

Optional Accessories

● P–48V1S



Phantom power supply with mute switch