

Array Microphone (Ceiling-mounted) MIC20



Functional Description:

The array sector directional microphone is an innovative new product. Its unique sector directivity achieves long-distance pickup capability of 5-8 meters, overcoming common conference room challenges such as insufficient acoustic conditions, limited volume, and feedback issues. It effectively solves the difficult balance between pickup clarity, sensitivity, and stability.

Performance Features:

Utilizes 8 unidirectional microphone capsules, far surpassing the efficiency and performance of single-capsule shotgun microphones.

Long-distance pickup (5-8 meters) capability maintains consistent volume while preserving rich, full mid and high frequencies.

Ceiling-mounted installation maximizes avoidance of table obstructions and ground/desktop noise interference, delivering authentic and natural sound quality.

High sensitivity captures cleaner voice signals in rooms, improving audio quality and significantly enhancing speech intelligibility.

Strong directionality improves speech-to-noise ratio, especially in classrooms with poor acoustic conditions.

Sector directivity captures speaker signals across wider areas, improving work efficiency and service quality.

When paired with our network audio control center, its performance can be utilized even more effectively.

Technical Specifications:

Frequency Response: 20Hz-20kHz

Sensitivity: -10dB

Signal-to-Noise Ratio: >65dB

Dynamic Range: 95dB

Total Harmonic Distortion: <0.05%

Directivity: Sector directivity

Dimensions: 240*30mm

Boom Length: 350~590mm (adjustable/optional)

Mounting Bracket: Adjustable aluminum stand/boom

Microphone Directivity:

≥160° symmetrical dispersion along vertical axis

≥90° symmetrical dispersion along horizontal axis, forming curved

Housing Structure: CNC-machined aluminum alloy, one-piece design

Power Supply: Phantom power 18V-52V

Output Interface: Bare wire (standard SPL-3 quick-connect terminal included)