Linear Array Microphone

VM-C910



Function Description:

1. The microphone features a 6-element linear array design with beamforming algorithm, supporting 180° directional pickup.

2. It delivers excellent frequency response, producing full, natural sound with high fidelity, while its compact and sleek form factor enables flexible and easy installation.

3. Designed according to acoustic array principles, the microphone meets the requirements of advanced feedback suppression algorithms, achieving superior acoustic feedback control.

4. Thanks to its array-based architecture, the pickup area is highly precise—sound up to 8 meters away is captured with consistent tonal balance, effectively eliminating volume fluctuations caused by varying distances or speaker levels.

5. Specifically engineered for classroom amplification and interactive environments, it excels in applications demanding high-frequency response, high sound pressure handling, and ultra-low-latency transient response.

Technical specifications:

Model	VM-C910
Pickup Distance	Clear audio pickup up to 8 meters
Microphone Array Directionality	180° directional pickup
Number of Microphone Arrays	6 arrays
Sensitivity	–37 dB ±3 dB
Frequency Response	100 Hz – 20 kHz
Signal-to-Noise Ratio (SNR)	70 dB
Total Harmonic Distortion (THD)	≤ 0.1%
Operating Temperature	–10°C to +50°C
Storage Temperature	–20°C to +70°C
Directional Microphone RJ45 Interface	RJ45 port for microphone array connection
Mounting Bracket Interface	1/4" x 6 mm x 6 mm through-hole for bracket installation
Cable Requirements	Category 5e or higher shielded twisted pair Ethernet cable
Power Supply Method	Power over Ethernet (PoE) via RJ45 port
Operating Voltage	DC 12V
Dimensions (L × W × H)	446 × 49.3 × 45.7 mm
Net Weight	208 g
Color	Silver