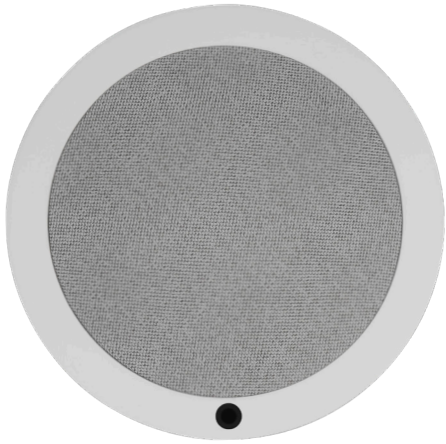


M800

Ceiling Beamforming Microphone For Sound Reinforcement System

PnP / Ultra low delay / Simple Maintenance



Product Features

● Hands-free Solution for Sound Reinforcement

A convenient and contactless solution for lectures and presentations, no need to hold the wireless microphone or to attach the lavalier microphone on lecturer, free from all these restrictions, reducing infection risks with hygienic and contactless operation.

● Advanced Microphone Array

Expand the voice pickup range for lecturer or teacher to move freely in the room, and just one microphone unit is needed for a typical classroom at school, the voice of both the lecturer and the audiences can be heard clearly without feedback or noise, which makes it a reliable solution for better interaction and communication.

● Adaptive Sound Reinforcement Algorithm

Support Howling suppression, reverberation, intelligent noise reduction and automatic gain control to enable the clear hearing in noisy environment.

● Built-in Audio Processing Module

Integrated with powerful digital signal processing module to enable super low processing latency, no need for additional rack-mounted Feedback Suppression Processor, no need for professional engineer to setup and tune the system, easy installation and implementation.

● Easy Management and Cost Effective

Simplify the device management and maintenance, and minimize the operational cost related to lavalier and handheld wireless microphones for battery charging, battery replacement, device borrowing/returning and sanitizing device, etc.

● Infrared Remote Control

Standard infrared remote control, support the functions of quick switch amplification and adjustment of the amplification volume.

Product Specifications

Audio Parameters

Microphone Type	Omnidirectional Microphone
Microphone Array	Built-in six omnidirectional microphones form a circular array, 360-degree omnidirectional pickup
Pickup Range	3m
Sensitivity	-38 dBFS
Signal Noise to Ratio	64 dB(A)
Frequency Response	50Hz - 8kHz
Howling Suppression	Support
Automatic Gain Control (AGC)	Support
Reverberation Suppression	Support



Hardware Interfaces

Audio Input	1 x Line-in(not enabled)
Audio Output	2 x Spk-out
USB Interface	1 x USB Power



General Specifications

Power Input	USB 5V
Dimension	Φ 155.9mm x H 38.2mm