

RM70

Digital Array Microphone



RM70 is a digital array microphone with embedded architecture, beam formation, professional digital audio processing, 8 meters long-distance pickup, has stability to achieve automatic voice tracking and full duplex interaction.

Product appearance is small and exquisite, 32kHz broadband sampling, built-in automatic noise reduction, echo cancellation, automatic gain and other intelligent audio algorithms to eliminate noise, reverberation suppression and echo interference, low requirements for building sound environment, equipment is plug-and-play, configuration-free and debugging-free, simple and convenient to use.

④ Digital microphone array, long distance voice pickup

Digital microphone array, 8-meter distance voice pickup.

④ Intelligent voice tracking

Adaptive blind beamforming technology, automatic speaker alignment and speech reinforcement, to prevent interference and to keep speech clear.

④ Multiple audio algorithms , high quality sound

Using patent technologies including Intelligent noise reduction, echo cancellation and reverberation suppression to ensure clear sound quality leading to clear communication. Requirement to modify the building or classroom's acoustic properties are low. Supports full duplex.

④ Simplified installation, plug and play

Using standard USB2.0 and 3.5 mm audio interface, debug-free design, plug and play. Intelligent system and compact appearance, easy to install and maintain. Supports dual-mode (digital, analog) output.

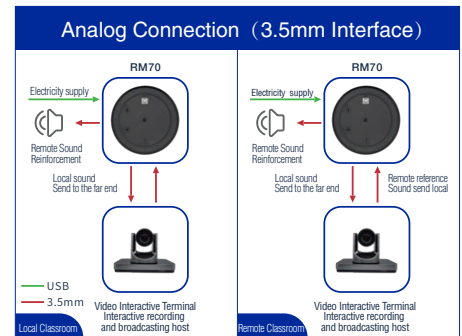
④ Easy to change the cosmetic appearance, to create a near invisible look

It adopts the technology of hot laminating and wrapping cloth to change the appearance color and pattern. With natural visual effect, it adapts to all types of classroom decoration style, and realizes a near Invisible application.

Digital Array Microphone

Microphone type	Digital Array Microphone
Microphone Array	Built-in 7 microphone arrays to form a circular microphone array
Pickup Radius	8m
Sensitivity	-26 dBFS
Frequency Response	20Hz - 16kHz
Sampling Rate	32K sampling, High Definition Broadband Audio
USB Protocol	Support UAC
AEC	Support
ANS	Support
AGC	Support
Reverberation Suppression	Support

Network diagram



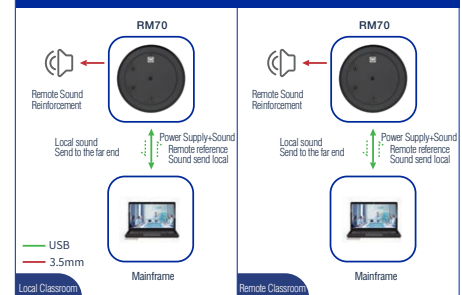
Input/Output Interface

Audio Input	1 x 3.5mm Line In
Audio Output	2 x 3.5mm Line Out
USB Interface	Support UAC 1.0 protocol, audio data communications, software upgrade and parameter configuration

Generic Specification

Power	USB DC5V
Size	Φ 130mm x H 33mm

Digital Connectivity (USB Interface)



Application Scenarios

