

AUDIO PROCESSOR

Digital Audio Processor

B20M



Audio Processing Algorithms



PoE Cascade



Multiple Interfaces



Plug-and-Play

Designed for large conference rooms, classrooms, lecture halls, and similar settings, this digital audio processor includes a professional digital audio processing unit and algorithms. It can connect to multiple RM702A&RM702C digital array microphones and reliably produce clear and natural sound quality for various scenarios.



FEATURES

- ▼ PROFESSIONAL AUDIO PROCESSOR

Uses a specialized chip and an embedded system for stable performance. It provide accurate volume control, efficient audio processing, low delay, and a secure, reliable system.
- ▼ AI AUDIO ALGORITHM

Includes advanced digital audio features like automatic noise suppression, gain control, echo cancellation, equalization, microphone mixing, and reverb reduction to improve sound quality.

- ▼ MULTIPLE INTERFACES

Can connect up to 6 microphones, 4 line inputs, and 4 line outputs. It also supports USB audio and can add wireless microphones.
- ▼ PLUG-AND-PLAY

It comes with standard RJ45, USB, and line audio interfaces. It's plug and-play, easy to set up, supports long-distance transmission, and has strong interference resistance.

SPECIFICATIONS

Microphone Cascade	Built-in 6 high signal-to-noise ratio digital microphones
Signal-to-noise Ratio	65 dB(A)
Sensitivity	-38 dBFS
Weight	About 0.4Kg

Network Interface	1 × upstream LAN interface; 1 × downstream cascade digital audio DMIC interface
USB Interface	1 × DEVICE interface, used as a USB audio device to connect to a USB host (such as a PC) 1 × HOST interface, used as a USB host to connect to a USB device
Audio Interface	4 × INPUT phoenix terminal interface 4 × OUTPUT phoenix terminal interface

Power Supply	DC 12V/5A (supports 8-level cascading) DC 12V/3A (supports 4-level cascading)
PoE	PoE 48V power supply, supports IEEE802.3 AT



INTERFACE

