

Cascading Omnidirectional Digital Array Microphone

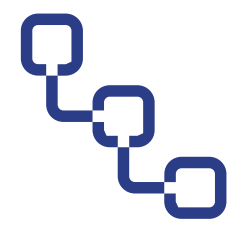
RM 80



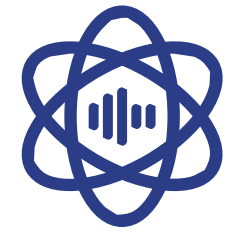
Omnidirectional Pickup



PoE-powered



Up to six mic cascaded



Audio Algorithms With AI Technology



Infrared remote control



According to different scenarios, we offer two versions to choose from:

RM80 V1 Microphone: featuring six omnidirectional microphones arranged in a circular array, enabling 360° clear sound pickup within a 3m radius without the need for any additional devices. It is ideal for group discussions and provides uniform sound reinforcement for the entire area.

RM80 V2 Microphone: equipped with two MEMS microphone arrays, enabling clear sound pickup in a targeted area within a 3m radius while reducing noise interference from the surrounding areas. It is suitable for regular classroom sound amplification during teaching sessions.

Clear Sound Pickup

The microphone is equipped with the 3A audio algorithm, supporting Howling suppression, echo cancellation, noise reduction, and automatic gain control algorithms, effectively reducing environmental noise.

Integrated Audio Processing

The microphone has a built-in audio processing unit, eliminating the need for additional rack-mounted audio processors, thereby saving costs. With an ultra-low latency of 18ms, it provides a comfortable listening experience. The microphone also includes an environment adaptive algorithm, requiring no configuration or debugging, which significantly reduces deployment and maintenance costs.

Intuitive Use

The microphone can be used hands-free, eliminating the need for handheld operation or charging. It offers simple management and maintenance, and comes with an infrared remote control for quick functions like sound reinforcement on/off and volume adjustment.