

# 32-Array Ceiling Microphone

BAM32



5A Audio Algorithm



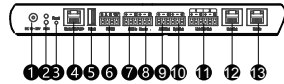
32-Mic Array



10 Meters Pickup Range



Cascade



- 1 Power
- 2 Status light
- 3 Power Indicator Light
- 4 Network Interface
- 5 Restore Factory Lights
- 6 RS-485
- 7 Echo Audio Input
- 8 External Audio Input
- 9 Echo Audio Output
- 10 Speaker Audio Output
- 11 Cascaded Power Amplifier Output
- 12 Cascaded Output
- 13 Cascading Input



The 32-array ceiling microphone employs an array of 32 hi-sense mics and a professional multi-core audio processor. It builds in industry-leading audio processing algorithms. The audio pick-up range is up to 10 meters, also can be cascaded. It is suitable for large-scale and high-demanding applications such as schools, governments, global enterprises etc.

## Features

- Built-in 32 hi-sense mics and multi-core audio processors;
- Industry-leading audio algorithm: AFC, ANS, AEC, AGC, ARR;
- Pick-up range above 10 meters, and it can be cascaded.

## Technical Data

### Microphone

**Pickup Radius**  
10m

**Directions Configurable**  
Yes

**Microphone Array**  
32

**Sensitivity**  
-32±2dB

**Frequency**  
75-20KHz

**SNR**  
≥70dB

### Algorithms

**Supported Algorithms**  
AFC/ANS/AEC/AGC/ARR

**Echo Cancellation**  
≅ 90dB, ≅ 1s

**Reverberation**  
≅ 18dB

**Maximum Gain**  
≅ 30dB

### General

**Power**  
DC12V

**Dimensions (LxWxH)**  
350mmx350mmx32mm

**Operating Temperature**  
-10°C ~ +50°C

**Storage Temperature**  
-20°C ~ +70°C

**Color**  
Silver