



## CEILING MICROPHONE

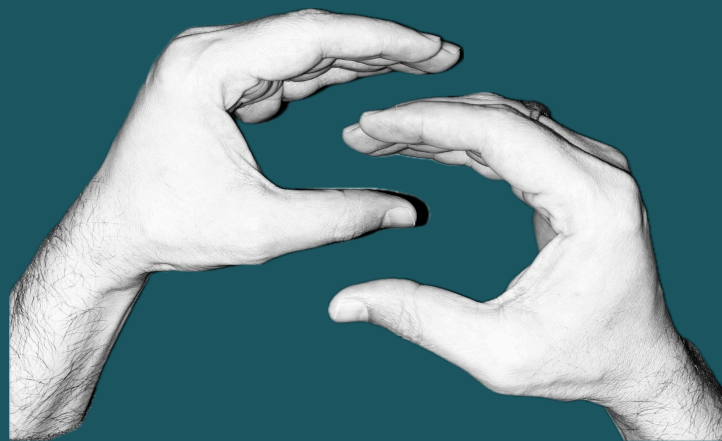
**Communicate seamlessly  
in your meetings**

**STP3200 D**



# Ceiling Microphone STP3200 D

Why you should  
choose Stapes





## Impress your customers with Stapes Ceiling Mic



### Discuss freely

With our patented automatic beamforming technology, your messages are distinctly communicated from every corner of the meeting room



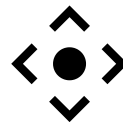
### Everything under control

Ensure 100% connectivity with redundant Dante™ support for outstanding productivity. Seamlessly integrates into any conference system and digital audio network



### Flawless integration

Focus on the essentials while the Stapes software helps you control and monitor the microphone in any network.



### Effortless installation

The ceiling microphone comes with PoE support and integrates easily into your existing media control environment.

## Specifications of Stapes Ceiling Mic

### Beamforming technology

Faster beamforming with even narrower directivity on higher frequencies (20°-30°)

### Network connectivity

Support for DHCP, Zeroconfig and fixed IP mode with MDNS

### Software configuration

Control & monitoring via Stapes Software

### Audio outputs

1 x analog + 2 x digital Dante™ output

### Power Supply

Via PoE Class 3 switch or injector

Elevate your meetings with Stapes's Ceiling Mic, a revolutionary solution in the ceiling microphone market. This adaptable solution meets on-site requirements comprehensively, offering several benefits at once.

Featuring patented automatic beamforming technology, the Stapes STP 3200D boasts 32 integrated microphone capsules that automatically detect and follow the active speaker in the room. This enhances conference calls, making them more efficient and productive with optimal audio quality. The mic seamlessly integrates with existing analog conference systems or fully digital setups, enabling control and maintenance via the IP network. It supports Power over Ethernet (PoE), Stapes Software, and Dante Domain Manager for enhanced functionality.



Professional audio processor chip, 4 cores, 1.5G main frequency



5A core Audio processing algorithm



32 array microphones, 20 meters pickup distance



Array Algorithms for Speech Localization and Separation



Non-inductive sound reinforcement, easy and free speech.



Loud sound reinforcement, no howling.

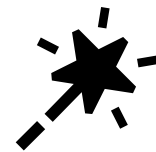
Stapes Ceiling 2 simplifies your daily workflow

### Price Point



The latest edition of the ceiling microphone is priced significantly lower than its predecessor and now competes at the same or lower price point as comparable products from competitors. However, its greatest value lies in the drastically reduced installation and setup costs, making it the most cost-effective solution available

### Ease of Integration

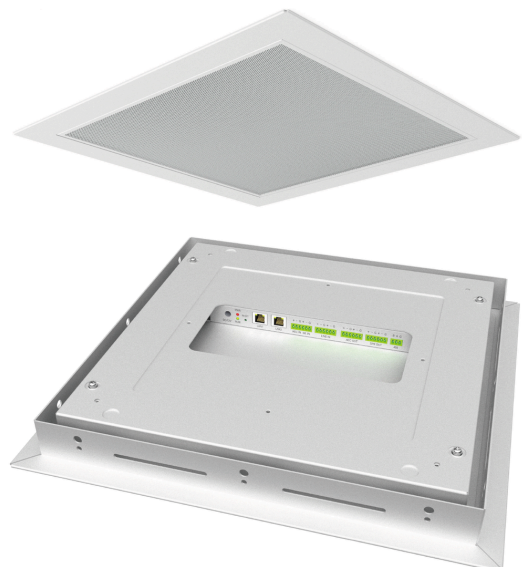


The latest edition of our ceiling microphone not only costs significantly less than its predecessor but now also matches or beats the pricing of comparable competitive products. The real standout, however, is its drastically reduced installation and setup costs, making it the most valuable solution available on the market

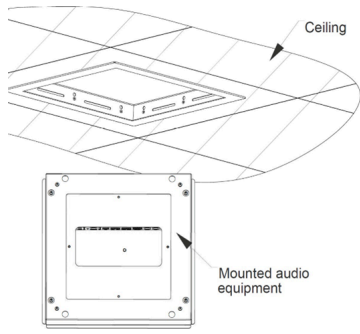
### Connection



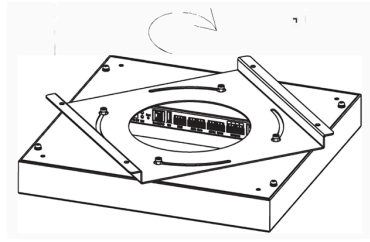
The enhanced ceiling microphone offers versatile audio connection options. Users can choose between an analog output or one of two digital Dante™ outputs. For added reliability, the second Dante™ output can be used to feed the signal into a redundant Dante™ network



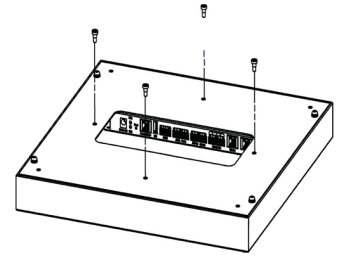
## Installation variants



Flush-mounted

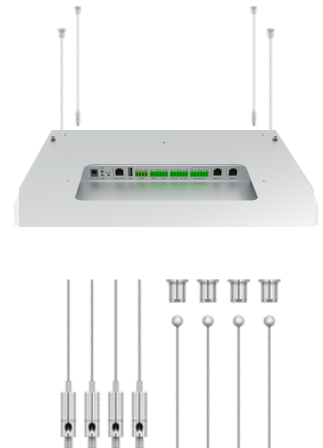
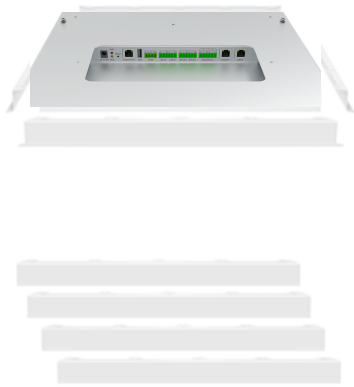


Ceiling-mounted

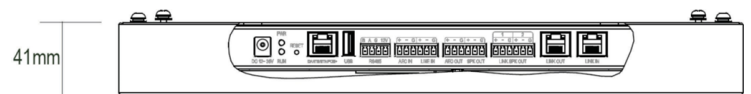
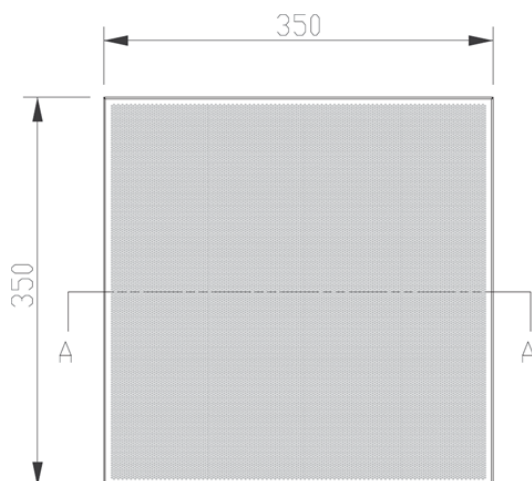


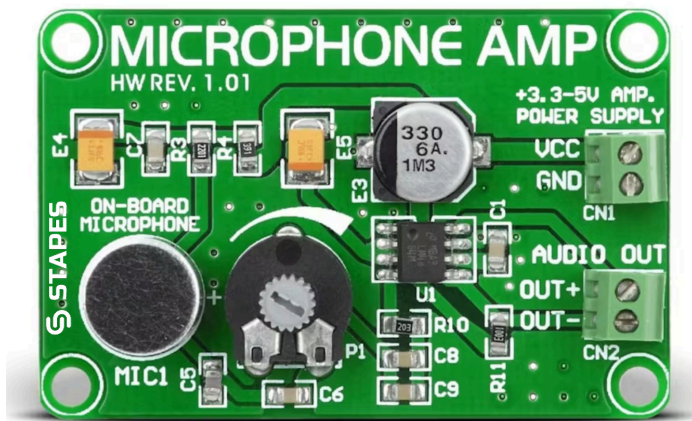
Suspended

## Installation kits



## Specifications of Stapes Ceiling Mic





# 32

## MICROPHONES

The 32 omnidirectional microphone capsules, manufactured in Luxembourg, scan the entire meeting room, enabling the microphone to detect the speaker's position automatically without the need for manual speaker zone configuration. These capsules, renowned for their reliability in Stapes microphones, ensure clear and intelligible speech, minimizing any loss of spoken words between meeting participants and external participants

Utilizing Stapes' proprietary 32 microphone capsules for exceptional audio capture

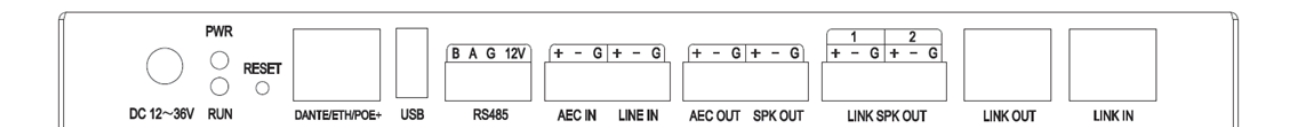


- A ceiling array microphone mostly used for video conferencing and local sound reinforcement, with a built-in professional audio processor and is loaded with industry-leading automatic feedback suppression (AFS), automatic noise suppression (ANC), automatic echo cancellation (AEC), automatic gain control (AGC), reverberation suppression (ARR), smooth noise, transient noise suppression, beamforming, and other audio preprocessing algorithms; can effectively improve the quality of local sound reinforcement and interaction
- 12 pickup beam technology, can accurately control the pickup area, adaptive switching beam
- Artificial intelligence noise reduction technology, the original ultra-low delay AI noise reduction model, can effectively suppress various transient noises such as tapping and keyboard
- Support ten cascades, four installation methods, and flexible configuration of audio routing
- Built-in 32 high sensitivity digital microphones, supports local sound amplification, sound transmission gain up to 15dB; Support remote conference, pickup diameter up to 20 meters
- Three-dimensional space accurate sound source positioning, with the camera to effectively track the speaking position
- It is suitable for ceiling installation, and the appearance design is novel, elegant, and has strong concealment, which can meet the needs of different customers
- Support device software upgrade, support setting and adjustment of steady noise, transient noise, reverberation suppression, current suppression, automatic gain and other levels; support input, output, microphone volume adjustment
- Optional Dante module 2X2

## Technical information



Model No	STP 3200/3200D
Frequency Response	100Hz-8KHz
Pickup Distance	20 Meters
Small Sound Picking	Min 30 dB
Working Voltage	DC 12 V
Noise reduction Amplitude	<=30dB
Sound Quality Score	MOS>3.6
SNR	70dB(A)
Operation Temperature	-10-50 degrees
Output Audio	16KHz-16Bit
No. of Microphone Array	32Array Microphones
DSP Processing	AFC, ANS, AEC, AGC, ARR
Max. Gain	30db
Dimensions LxWxH	350*350*41mm
Reverberation Suppression	<=18db
Sensitivity	-32db
Working Current	460mA
THD	0.6%
Capsule Make	Made in Luxembourg





 STAPES

Stapes & Bauble Private Limited  
SF 35, Miracle Mile, Golf Course Extension Road,  
Sector 60, Gurgaon,  
Haryana - 122005



INDIA | LUXEMBOURG | USA