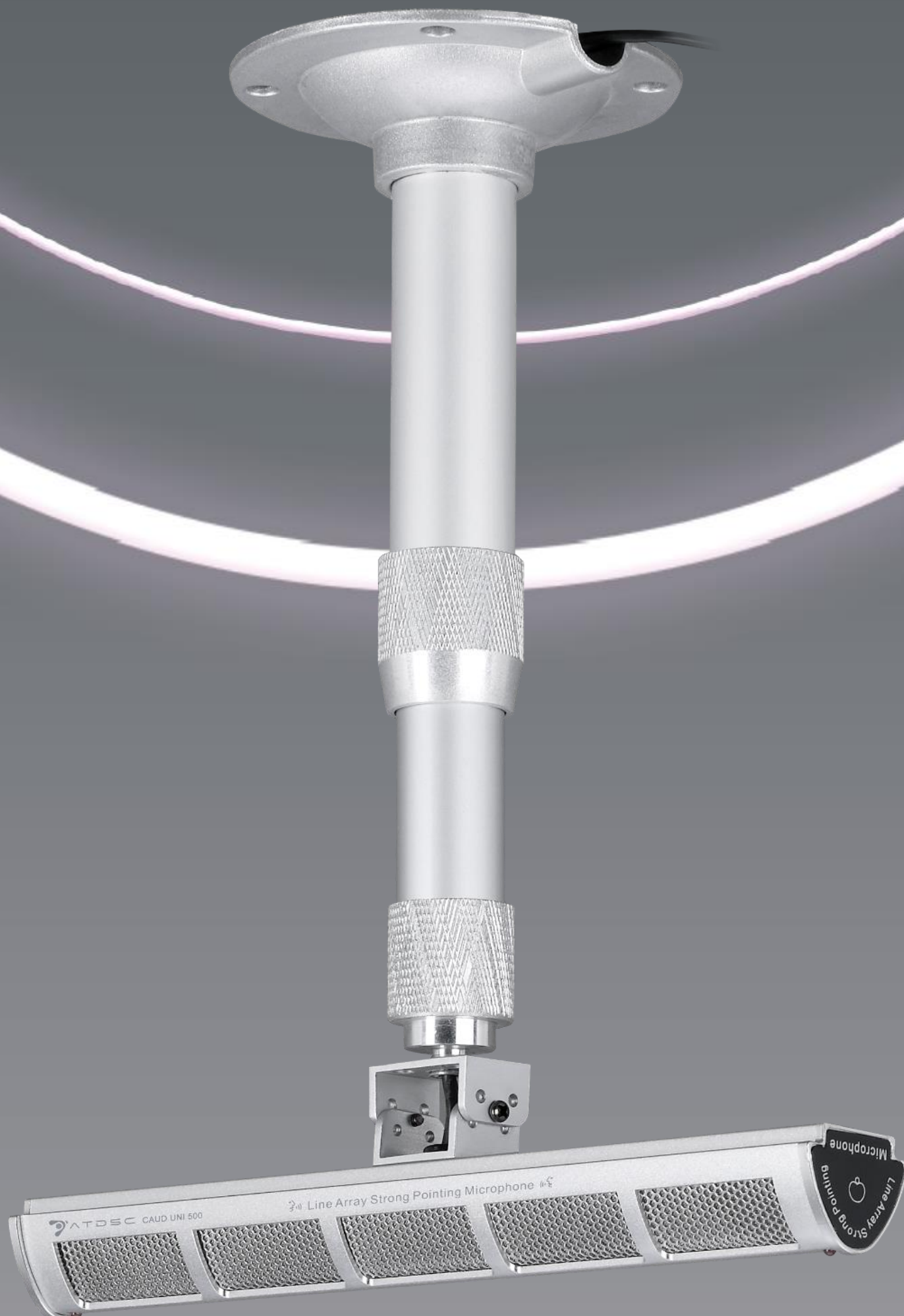




Ceiling Array

UNIDIRECTIONAL MICROPHONE

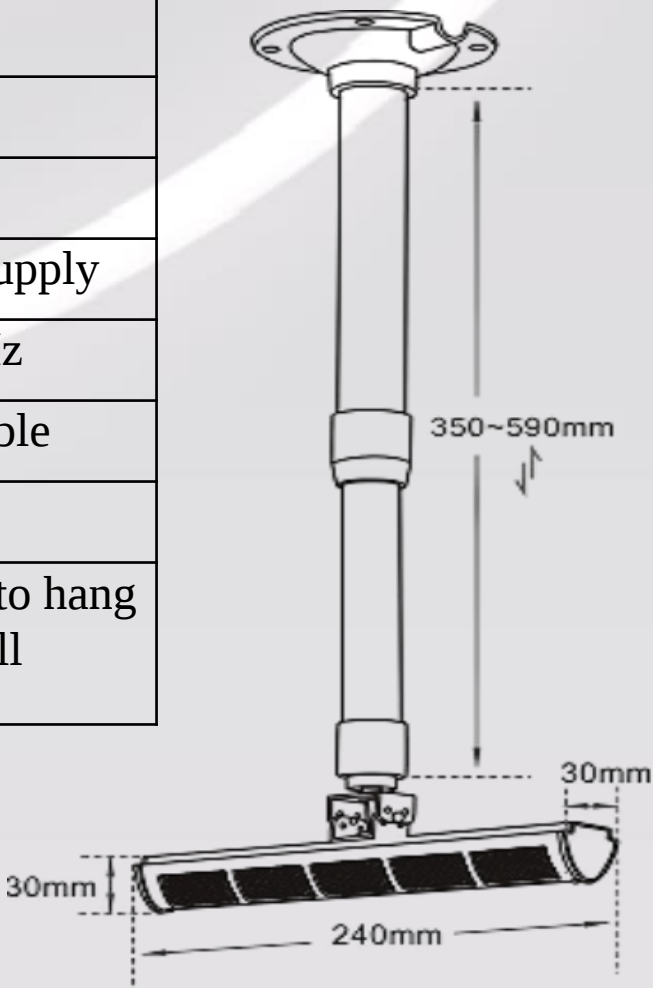


Technical Specifications

- The array fan-shaped strong directional microphone is a novel product innovatively dev. The unique shape with strong directionality enables the ability to pick up sound from a distance of 6 Mtrs. capturing the speech of individuals like a radar, overcoming the problem of insufficient sound conditions in the usage area of inability to speak loudly & whistling. Effectively solve the three major challenges of sound clarity, sensitivity, and stability.
- Minimally streamlined design, with smooth and rounded edges enhances the visual effects.
- Aluminum alloy shell is anodized with integrated molding & CNC machining increases the strength and makes it robust.
- Built in 7 gold film broadband capacitive pickup heads which is combined with array pickup technology calibration enhances the voice pick range.
- Equipped with an adjustable angle aluminum alloy shaft with the rotation angle upto 150° to pickup voice from a wider range.
- Built in DSP operational amplifier chip which widens the frequency response and improves sound quality.
- Two red high brightness indicator LED lights are installed at both ends to show the working status.
- Phantom power supply can be connected to mixing consoles, phantom power supplies, mixers and other devices.
- The sound pickup area adopts a three-layer filtering design- Nickel plated metal mesh, Decorative stainless steel mesh, and Spray resistant non-woven fabric. The three-layer design prevent dust without affecting sound pickup, and effectively reduces unnecessary interference caused by environmental noise and wind noise on site.
- High sensitivity & strong direction sound pick up reduces the feedback and is very useful Recordings, In Lecture Halls for Online Teaching
- Ideal for small conference room with clutter free table and environment for Video Conferencing with clear sound pick up from any corner.
- Noise cancellation: Effectively suppresses environmental noises within the pickup radius, giving the freedom to the occupants to move freely, stand, sit and any other movements, that does not affect the sound quality.
- User friendly and very easy to install. Plug and play with no parameters to adjust.

Technical Specifications

Model	CAUD500
Pick-up distance	5M
Microphone Array	Uni direction with 7 Microphone inbuilt
Microphone Type	Capacitor
Channel Separation	100dB
Dynamic Range	95dB
Angle of sound source	180°
Positioning Accuracy	±10°
Directivity	Directional Broadband
Transmission Format	Digital Signal
Built in algorithms	AGC, ANC, BF
Total harmonic distortion	<0.05%
Signal to Noise Ratio	>65dB
Dimensions	123 x 30mm
Operating Voltage	DC 12V
Maximum Power Consumption	1W
Sensitivity	- 10dB
Frequency response	20Hz-20KHz
Sampling rate	48K
Power Supply	48V Phantom Power Supply
Boost range	113 db SPL @1KHz
Output interface	3pin cold pressed cable
Colour	Silver
Ceiling Mount	M6 Screw compatibility to hang from Ceiling or wall



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