

Model #:CT-A20S

CONFERENCE SPEAKERMIC



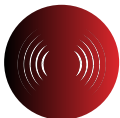
8 MEMS microphones array



Effective pickup distance: 5m(16ft)



AI Noise suppression



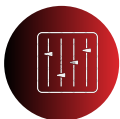
Echo cancellation



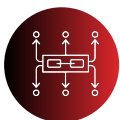
Full-duplex



Automatic Gain Control (AGC)



EQ Adjustable



Daisy-chain up to 6 units via POE

FEATURES

- AI enabled echo cancellation.
- Full-duplex communication.
- Daisy-chain room expansion.
- Easy setup and use.
- Customizable audio settings.

Microphone Features

8 MEMS microphones array

Effective pickup distance: 5m(16ft)

Sensitivity: -38dBFS 94dB SPL@1kHz

SNR: 63dBV/Pa 94dB SPL@1kHz,A-weighted

AI ENABLED ECHO CANCELLATION

The advanced audio algorithm effectively removes acoustic echo and room echo while providing meeting equity - even in challenging environments.



Speaker Characteristics

Rated output power: 4Ω/5W
Speaker frequency response: 220Hz~12kHz
Speaker volume: 80±3dB @1m
THD<5%

EASY SETUP AND USE

USB plug-an Easy setup and used-play, flexible installation, and compatible with leading UC platforms.

Daisy-chain

POE UTP RJ45 (CAT6)
Maximum daisy-chain 6 units

CUSTOMIZABLE AUDIO SETTINGS

Customize noise elimination, reverb and echo elimination levels using the Cosmotech Device Manager software.

Power and Connectivity

External power supply: DC 54V/1.2A or USB 5V/0.5A
Compatible operating systems: Windows/Mac/Linux
USB port: USB 2.0 Type-C

Top View



Back View



Back View



FULL-DUPLEX COMMUNICATION

Advanced full-duplex allows both sides to speak and be heard simultaneously, essential during intense discussion or brainstorming.

Audio Characteristics

Beamforming
Voice Activity Detector(VAD)
AI noise suppression
Full-duplex
Echo cancellation
Automatic Gain Control (AGC)
Reverberation suppression

DAISY-CHAIN ROOM EXPANSION

Right-size your audio footprint by connecting up to 6 A20S units to ensure every voice is heard, regardless of room size.

Physical Characteristics

Height: 64mm (2.5 inches) Width: 120mm (4.7 inches) Depth: 120mm (4.7 inches)
Net weight: 359g (12.66 oz)
Color: Deep Tarnish

