

Ceiling Array Mic

Model No: GACTA-01



Introducing the Globus Infocom Ceiling Array Mic, your all-in-one integrated in-ceiling array microphone solution designed for top-notch video conferencing and in-room audio experiences. With its cutting-edge beamforming technology and an impressive 20-element microphone array, guarantees crystal-clear audio for all participants, whether they are in the room or joining remotely.

Suitable for a variety of spaces, including boardrooms, huddle rooms, and multi-purpose areas.

Key Features

- Echo Cancellation
- Sound Reinforcement
- AI Noise Suppression
- Deep Sidelobes
- Wide Coverage Range



Deep Sidelobe Beamforming



Element Mic Array



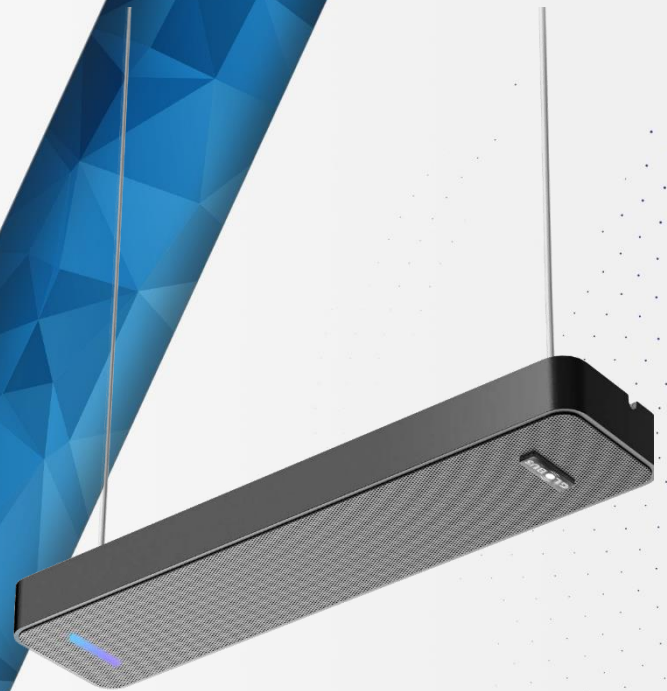
Daisy-Chain Expansion



Full Duplex



AI Noise Suppression



Compact Design

* Due to continuous product development, the specifications may change without prior notice
** Product images are for illustration purpose only and may be different from the actual product

Specifications

Ceiling Array Mic, DSP, Controller and Ceiling Mount Speaker



Ceiling Array Mic

GACTA-01 Technology	20-element omnidirectional microphone array, 8 Deep Sidelobe Beamforming, Background noise suppression, true full duplex technology
Pickup Range	7m
AEC	Acoustic noise cancellation with traditional and AI based algorithms
Ports	2 PoE Network Ports for daisy chain and power supply
Button	Reset Button
Special Features	Reverberation Suppression, Echo Cancellation, AGC (automatic gain control), Reverberation suppression, howling suppression, adaptive switching of pickup beams, intelligent mixing DSP
Power Rating	DC 48V, 90W Max
Daisy Chain	PoE UTP RJ45 (CAT6), 6 daisy chain unit max
Frequency	-38dBV/Pa 94dB SPL@1kHz 63dBV/Pa 94dB SPL@1kHz, A-weighted
Background Noise Suppression	30dB
Operating Temperature	5° C – 35° C
Accessories	User Manual and all required cable and connectors
Mounting Type	Ceiling mount/Wall mount/a bracket mount
Features & Functionality	A algorithm (AEC, AGC & ANS), support Intelligent background noise suspension, howling suppression, adaptively switching pickup beams supported & Smart reverberation to ensure clear sound quality and comfortable communication, Voice Lift & Local Sound reinforcement, Intelligent voice Pickup with Adaptive blind beamforming technology, speech reinforcement, AI based Human voice recognition with human voice Identification, to ensure clear speech in wide area, capability to cascade up to 8 Unit in Daisy-chain

DSP

Interface	Phenix 8
Line In/Out	3.5mm analog in/out
TRS	6.35mm analog in
Controller	RJ45 connect to Controller
Array Mic	RJ45 connect to Mic
USB Type B	2.0 connect to PC
USB Type A	2.0
Power Input	DC 48V, 5.2A External Power Adapter
Reset Button	Available
Buttons	Volume up, Volume down, mute (mic mute on/off), switch (sound reinforcement on/off)
Port	RJ45 PoE connect to DSP



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