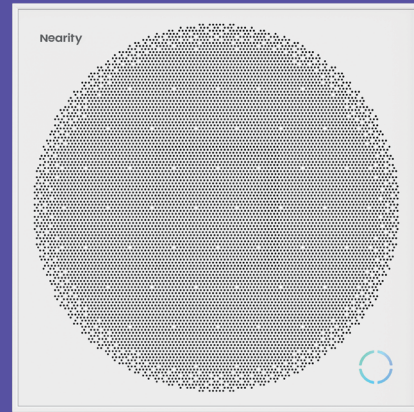


A50 CEILINGMIC



12 Deep Sidelobes
Beamforming



Daisy-chain
Expansion



AI Noise
Suppression



Wide Coverage
Range



Sound
Reinforcement



Remote
Conference

NEARITY A50 is an integrated ceiling microphone solution for video conferencing and in-room audio. Using a 91-element microphone array and deep sidelobe beamforming, advanced AI driven signal processing ensures that every word is clear- from huddle rooms to audience halls.

Product features

Advanced beamforming technology

91 element MEMS microphones and deep sidelobe beamforming pick up sound for up to 12 independent lobes.

AI driven audio processing

Automatically detects even moving presenters in on their voices for amplification, broadcast, or both.

Eliminate office clutter

Integrated design allows you to eliminate traditional conference equipment, leaving more room to share and work.

Plug-and-play expansion

Up to eight units A50 daisy-chain via POE to extend your audio reach and cover large spaces.

Deep-learning AI trained to distinguish human voice from other noise

Embedded with onboard digital signal processor, Nearity A50 applies deep-learning AI capabilities, including advanced audio technologies such as audio mixing routing, echo cancellation, noise reduction, and automatic gain control, ensuring vivid speech in a wide area.

- 91 MEMS microphone array
- Effective pickup range: 10m x 10m (33ft x 33ft)
- 12 deep sidelobes beamforming
- AI noise suppression
- Daisy-chain up to 8 units
- Local sound reinforcement /Remote conference / Hybrid mode
- Howling suppression

NEARITY A50 Datasheet

Contents	Technical Specifications
Microphone Features	91 MEMS microphone array
	Effective pickup range: 10m x 10m(33ft x 33ft)
	AOP(Acoustic Overload Point): 10% THD @ 1kHz, S = 124dB SPL
	SNR: 63dBV/Pa 94dB SPL@1kHz,A-weighted
Audio Characteristics	12 deep sidelobes beamforming
	AI noise suppression
	Full-duplex
	Echo cancellation
	Smart reverbration
	Howling suppression
	Automatic Gain Control(AGC)
Working Modes	Local sound reinforcement / Remote conference / Hybrid mode
Daisy-chain	POE via UTP cable(CAT6)
	Maximum daisy-chain 8 units
Product dimension	Height: 45.4mm(1.79 inches) Width: 603mm(23.74 inches) Length: 603mm(23.74 inches)
Installation options	Ceiling mounting / VESA bracket
Connectivity	2x RJ45 Ethernet Ports
Power	Powered by DSP via POE
Color	White
Packing List	1× A50 1× 10m UTP cable(Cat6) 1× Accessory package

*All tech specs are subject to change without notice.