

A40 CEILINGMIC



8 Deep Sidelobes
Beamforming



Daisy-chain
Expansion



AI Noise
Suppression



Wide Coverage
Range



Sound
Reinforcement



Remote
Conference

NEARITY A40 is an integrated ceiling microphone solution for video conferencing and in-room audio. With advanced audio technologies such as beamforming, AI noise suppression, intelligent mixing, etc., A40 ensures clarity during meetings and promotes efficient interactions. The ultimate daisy-chain technology makes the A40 an incredible productivity tool for meeting spaces of different sizes and purposes.

Product features

24-element microphone array and daisy chain, ensure clarity in area sound pickup

With a built-in 24-element microphone array and daisy chain expansion up to 8 units, the NEARITY A40 can pick up sound clearly within the effective range from small to large rooms.

Adjustable sidelobes, easy to capture voices in selected area

The 8 sidelobes can be customized according to different room layouts and seating arrangements to block noises out and capture effective sounds in fixed directions.

Eliminate office clutter

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

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

With onboard high-performance digital signal processor, Nearity A40 applies deep-learning AI capabilities, including advanced audio technologies such as audio mixing routing, echo cancellation, noise reduction, and automatic gain control, ensuring clear speech in a wide area.

- 24 MEMS microphone array
- Effective pickup range: 8m x 8m (26.2ft x 26.2ft)
- 8 deep sidelobes beamforming
- AI noise suppression
- Daisy-chain up to 8 units
- Local sound reinforcement / Remote conference / Hybrid mode
- Adaptive pickup beams

NEARITY A40 Datasheet

Contents	Technical Specifications
Microphone Features	24 MEMS microphone array
	Effective pickup range: 8m x 8m(26.2ft x 26.2ft)
	Sensitivity: -38dBV/Pa 94dB SPL@1kHz
	SNR: 63dBV/Pa 94dB SPL@1kHz,A-weighted
Audio Characteristics	8 deep sidelobes beamforming
	Background noise suppression
	Full-duplex
	Echo cancellation
	Automatic Gain Control(AGC)
	Adaptive pickup beams
	Intelligent audio mixing
Daisy-chain	POE via UTP cable(CAT6)
	Maximum daisy-chain 8 units
Product dimension	Height: 33.5mm Width: 81.4mm Length: 351.4mm
Installation options	Suspended mounting / Wall mounting/ Desktop Bracket
Connectivity	2x RJ45 Ethernet Ports
Power	Powered by DSP via POE
Color	White/Black
Packing List	1× A40 1× 10m UTP cable(Cat6) 1× Accessory package

*All tech specs are subject to change without notice.