

# 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
<b>Microphone Features</b>	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
<b>Audio Characteristics</b>	8 deep sidelobes beamforming
	AI noise suppression
	Full-duplex
	Echo cancellation
	Automatic Gain Control(AGC)
	Adaptive pickup beams
	Intelligent audio mixing
<b>Daisy-chain</b>	POE via UTP cable(CAT6)
	Maximum daisy-chain 8 units
<b>Product dimension</b>	Height: 33.5mm Width: 81.4mm Length: 351.4mm
<b>Installation options</b>	Suspended mounting / Wall mounting/ Desktop Bracket
<b>Connectivity</b>	2x RJ45 Ethernet Ports
<b>Power</b>	Powered by DSP via POE
<b>Color</b>	White/Black
<b>Packing List</b>	1× A40 1× 10m UTP cable(Cat6) 1× Accessory package

\*All tech specs are subject to change without notice.