

# A20 CONFERENCE SPEAKERMIC



8 MEMS  
Microphones  
Array



Noise  
Suppression



Full-duplex



Daisy-chain



EQ  
Adjustable



Plug & Play

With its 8 MEMS microphone array, daisy-chain ability to cover large spaces, and AI enabled sound processing, NEARITY A20 is a premium solution for small to mid sized meeting spaces. 5m(16ft) voice pickup range and advanced noise suppression help drive collaboration and communication.

## Product features

### Advanced proprietary algorithms

Effectively removes acoustic echo and room echo to provide meeting equity in even the most challenging environments.

### Full duplex communication

Allows for simultaneous speakers to be heard at both ends without missing a word.

### Daisy-chain expansion

Connect up to 5 units in a combined array for larger or more complex meetings.

### Plug-and-play setup

USB and ethernet connections provides for easy flexible installation and is compatible with leading UC platforms.

### Customizable audio settings

According to the sound environment of different conference rooms, noise reduction, de-reverberation, and echo cancellation parameters can be adjusted to obtain the best sound effect.

- 8 MEMS microphones array
- Effective pickup distance: 5m(16ft)
- Noise suppression
- Echo cancellation
- Full-duplex
- Automatic Gain Control (AGC)
- Reverberation suppression
- Daisy-chain up to 5 units via POE

# NEARITY A20 Datasheet

Contents	Technical Specifications
Microphone Features	8 MEMS microphone array
	Effective pickup distance: 5m(16ft)
	Sensitivity: -26dBFS 94dB SPL@1kHz
	SNR: 65dBA@20kHz bandwidth, A-weighted
Speaker Characteristics	Rated output power: 4Ω/1.5W
	Speaker frequency response: 155Hz~16kHz
	Speaker volume: 80±3dB @1m
	THD<3%
Audio Characteristics	Beamforming
	Noise suppression
	Full-duplex
	Echo cancellation
	Automatic Gain Control (AGC)
	Reverberation suppression
Daisy-chain	POE UTP RJ45 (CAT6)
	Maximum daisy-chain 5 units
Physical Characteristics	Height: 64mm(2.5 inches)
	Width: 120mm(4.7 inches)
	Depth: 120mm(4.7 inches)
	Net weight: 435g(15.34 oz)
Power and Connectivity	Color: Galaxy Gray
	External power supply: DC 48V/0.6A or USB 5V/0.5A
	Compatible operating systems: Windows/Mac/Linux
Packing List	USB port: USB 2.0 Type-C
	1×A20
	1×USB cable
	1×UTP ethernet Cable (Cat6)
	1×Adapter
	1×User manual

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