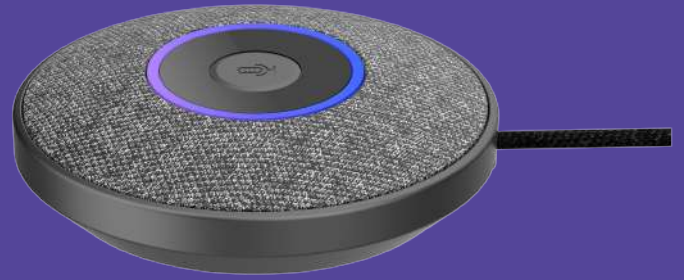


# AM01 External Microphone



The AM01 external microphone is a high-sensitivity MEMS-based device that pairs seamlessly with Nearity products to extend pickup range and enhance audio quality. Its plug-and-play design makes it suitable for virtually any scenario, while TRRS-powered operation reduces both cabling complexity and installation costs.

## Product features

### TRRS Power Supply

TRRS-powered design that pairs with Nearity products while cutting cabling costs.

### Plug&Play

3.5mm TRRS jack provides for easy flexible installation and is compatible with Nearity platforms.

### Clear Sound Pickup

Clear voice pickup can effectively enhance the pickup range and effect of the product.

### Omnidirectional Pickup

360° omnidirectional audio pickup ensures that no sound details are missed.

- Plug&Play
- MEMS microphones array
- TRRS Power Supply
- Omnidirectional Pickup
- Easy to Use

# NEARITY AM01 Datasheet

Contents	Technical Specifications
System	Plug&Play
	Interface: 3.5mm TRRS Audio
	Audio Capture
Microphone Features	MEMS Microphone
	Sensitivity: -38dBV/Pa, 94dB SPL@1kHz
	S/N: 72dBV/Pa, 94dB SPL@1kHz,A-weighted
	Effective Pickup Distance: 3 meters
Audio Characteristics	Sample Rate: 48KHz
	Bit Width: 16 bit
	Omnidirectional Pickup
Physical Characteristics	Product Dimensions: $\phi$ 80*23mm
	Package Dimensions: 84*84*53mm
	Net Weight: 130gm
	Gross Weight: 145g
	Cable Length: 5 meters
Others	Power Supply: 3.5mm TRRS
	Installation: Desktop
	Color: Starry Gray
	Packing List: AM01*1

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