

AI Conference Speakerphone M6 Pro



CATALOG

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M6 Pro Scene Image

Product Introduction

AIMIC-M6 Pro is an intelligent conference microphone speaker launched by AISPEECH. It's specially designed for small collaboration rooms, small meeting rooms, open spaces, and remote office scenarios. This product integrates audio collection, amplification capabilities. It adopts a 6-unit omnidirectional microphone array and proprietary audio algorithms to achieve functions such as omnidirectional pickup within 4 meter radius, directional pickup, AI noise reduction, echo cancellation and two-way communication. It solves common pain points in meetings, such as unclear remote communication and difficult meeting summary preparation. The directional pickup function of this product provides users with exclusive pickup zones, effectively blocking all sound interference from other angles, and improving remote communication efficiency. Applicable scenarios: small collaboration rooms, small meeting rooms, open spaces, and remote office.

Main Features

6-Mic Omnidirectional Pickup

Equipped with a 6-unit omni-directional analog MEMS microphone array, the M6 delivers true 360° all-round pickup with an effective radius of approximately 4 meters, ideal for small meetings or collaboration sessions with around six participants. Under optimal acoustic conditions, the pickup radius can extend up to 6 meters, allowing users to speak naturally at a comfortable distance without raising their voices, while still ensuring clear and intelligible audio capture for both local and remote attendees

AI Directional VIP Zone

With a dedicated directional pickup button, the M6 can instantly create a VIP pickup zone covering a 90° field of view with a radius of 1 meter in front of the device. This focused zone effectively suppresses noises and voices from other directions, with a maximum noise reduction depth of up to 25 dB. Whether you are in an open office, co-working space, or home office environment, the speaker enjoys a “personal acoustic zone” where their voice is prioritized and presented clearly, ensuring that key messages are not drowned out by surrounding distractions.

Dual High-Fidelity Speakers

The M6 integrates two 5 W high-performance speakers and an optimized bass system to deliver a full-bodied soundstage from a compact form factor. It reproduces natural and detailed vocals with solid low-frequency response, making remote calls, training sessions, and everyday multimedia playback sound rich and engaging. Clear mid- and high-frequency performance, combined with deep and layered bass, ensures that every participant can hear critical information with ease and enjoy a more immersive conferencing experience.

AI Bidirectional Noise Cancellation

The M6 employs AI-powered noise reduction to effectively eliminate both steady-state and non steady-state noise in the local meeting environment, while AI-based downlink noise reduction suppresses steady noise on the remote side and enhances remote voices. Combined with a separated microphone-speaker design and professional acoustic echo cancellation, the M6 minimizes feedback and echo in remote conferences. This ensures clear, natural audio for both parties, so neither you nor the remote participants miss any important part of the conversation.

Product Specifications

Hardware Specifications

Function	Specification	
Basic Specs	• Dimensions	125mm*125mm*35.5mm
	• Weight	Approx. 300g
	• Material	ABS
	• Color	Gray
Buttons	• Volume + key	Touch Volume Keys
	• Volume - key	
	• Mic Mute key	Touch Key; Mutes/Unmutes Microphone
	• Directional pickup key	Supported
	• Power button	Supported
	• Bluetooth button	Supported
Indicators	• Status light bar	Supported (Red, Green)
	• Directional pickup key light	Supported (Green)
	• Power button light	Supported (Red, White)
	• Bluetooth button light	Supported (Blue)
Acoustics	• Microphone	6 Analog Omnidirectional Microphones Frequency Response: 100Hz - 10kHz
	• Speaker	1× 5W Full-range Speaker, 1× 5W Tweeter Speaker Frequency Response:Music Mode: 100Hz - 20kHzCall Mode: 150Hz - 7.5kHz
Battery	• Battery capacity	5000mAh
	• Talk time	25h+ (AISpeech Lab test data: Bluetooth connected, 80% volume)
Power	• USB power supply	5V/2A

Product Specifications

Hardware Specifications

Function	Specification	
Wireless Module	• Bluetooth	Bluetooth V5.3
	• NFC	NFC tag, supports fast Bluetooth connection
Connection	• USB connection	Built-in USB connection
	• Wireless connection	Bluetooth / Bluetooth Dongle
	• AUX connection	Supports external headphone connection
Other	• Accessories	Included USB Cable / Storage Bag / Bluetooth Dongle
	• Operating temperature	0°C~40°C
	• Storage temperature	-20°C~+70°C
	• Certifications	FCC Certification, CE Certification

Product Specifications

Software Specifications

Function	Specification	
Compatibility	• Connection methods	USB to PC; Bluetooth to PC or Mobile Phone
	• Operating systems	Windows, macOS, iOS and Android
	• Meeting software	Tencent Meeting, DingTalk Meeting, Feishu, WeCom, WeChat, Zoom, Teams, Google Hangouts, etc.
Call Algorithms	• Far-field pickup	4m effective pickup radius; 6m maximum pickup radius (in acoustically favorable environments)
	• Directional pickup	90° pickup angle, near-field pickup within 1m
	• 360° Omnidirectional pickup	Supported
	• Automatic gain control (AGC)	Supported
	• Bi-directional noise reduction	Supported
	• Adjustable noise reduction level	Supported
	• Acoustic echo cancellation (AEC)	Supported
	• Full duplex	Supports instant interruption, enables full-duplex calls
	• Reverberation suppression	Supported
Sound Effects	• Power-off sound	Trigger conditions: Low battery shutdown, manual power off, timeout standby shutdown
	• Low Battery sound	Trigger condition: Low battery
	• Bluetooth connected sound	Trigger condition: Bluetooth connected
	• Bluetooth disconnected sound	Trigger condition: Bluetooth disconnected
	• USB connected sound	Trigger condition: USB connected

Product Specifications

Hardware Specifications

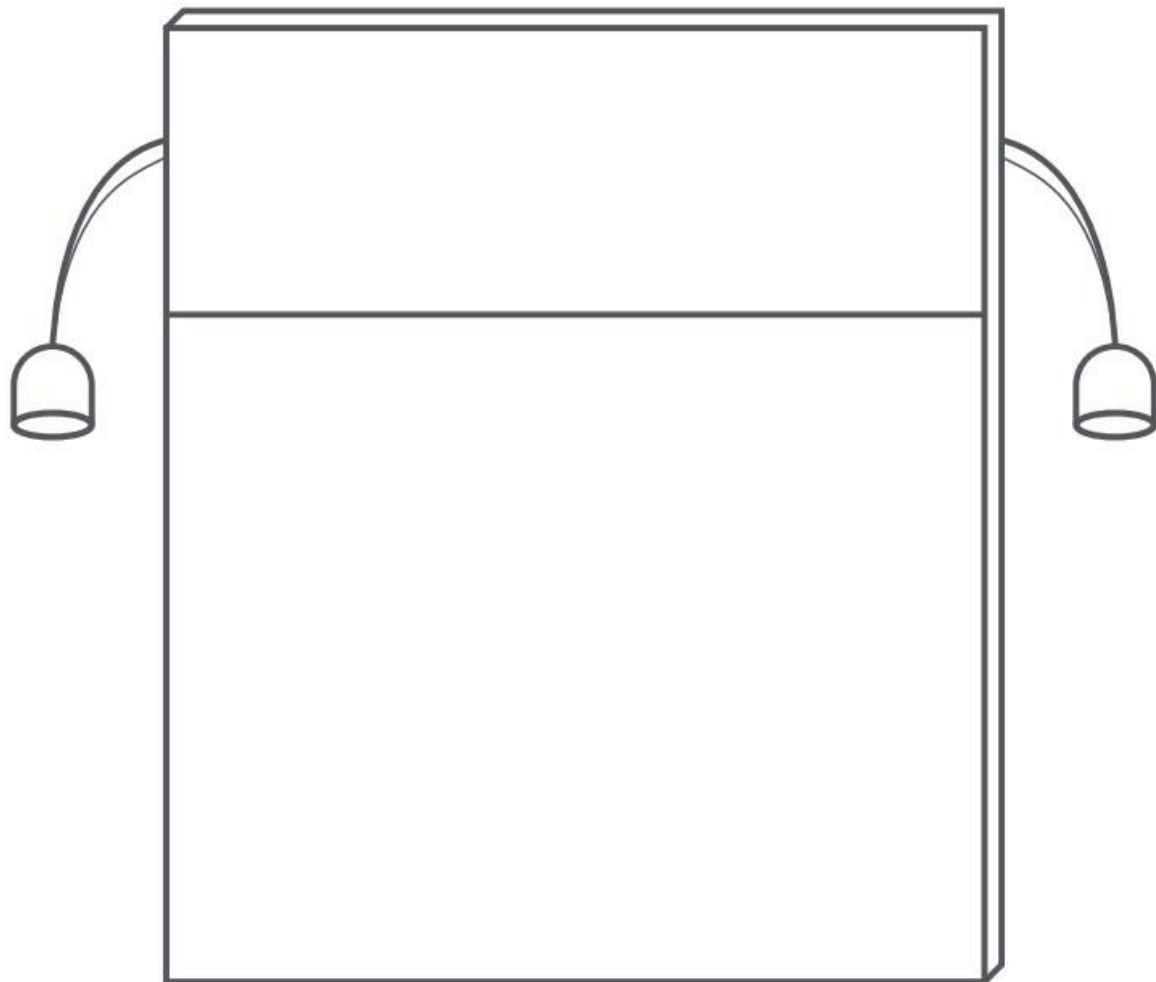
Function	Specification	
Light Effects	• System light bar	During startup: Partial green light, proportionally displays battery level After startup, short press power button: Partial green light, proportionally displays battery level After startup: Partial green light steady on Updating: Global green breathing light AI key triggered: Partial green light fast flash, then off Mute key triggered: Global red light steady on Power off: Off
	• Power button light	Low battery: Red breathing light Charging: White breathing light Fully charged / Powered on (not charging): White steady light Powered off: Off
	• Bluetooth button light	Connected: Blue steady light Connecting: Blue slow flash Powered off: Off
	• Directional pickup key light	Directional Pickup On: Green steady light Directional Pickup Off: Off Powered off: Off
Device Management	• Firmware upgrade	Supported
	• Downlink noise reduction switch	Supported
	• Adjustable noise reduction level	Supported

Product Instruction

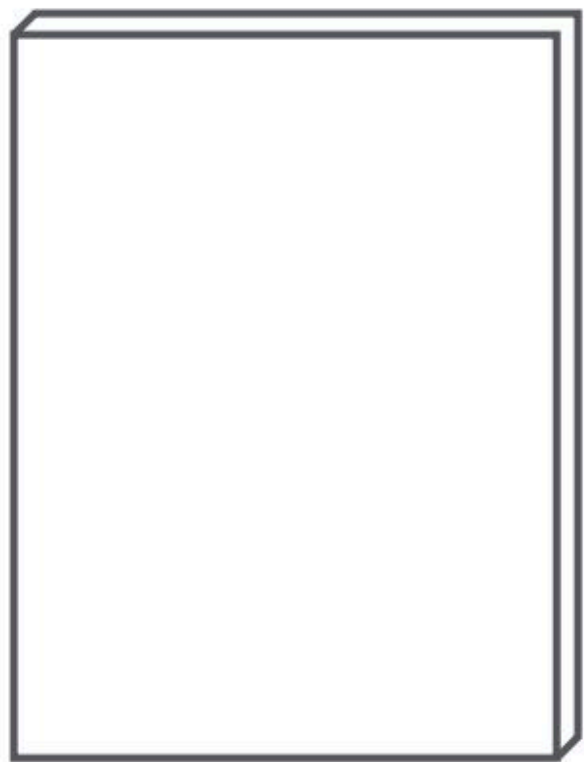
Accessories List



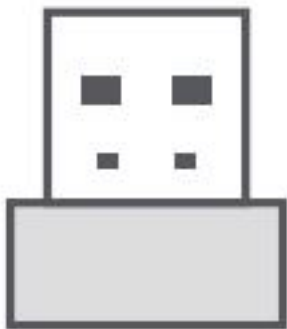
AIMIC-M6 Pro



Storage Bag



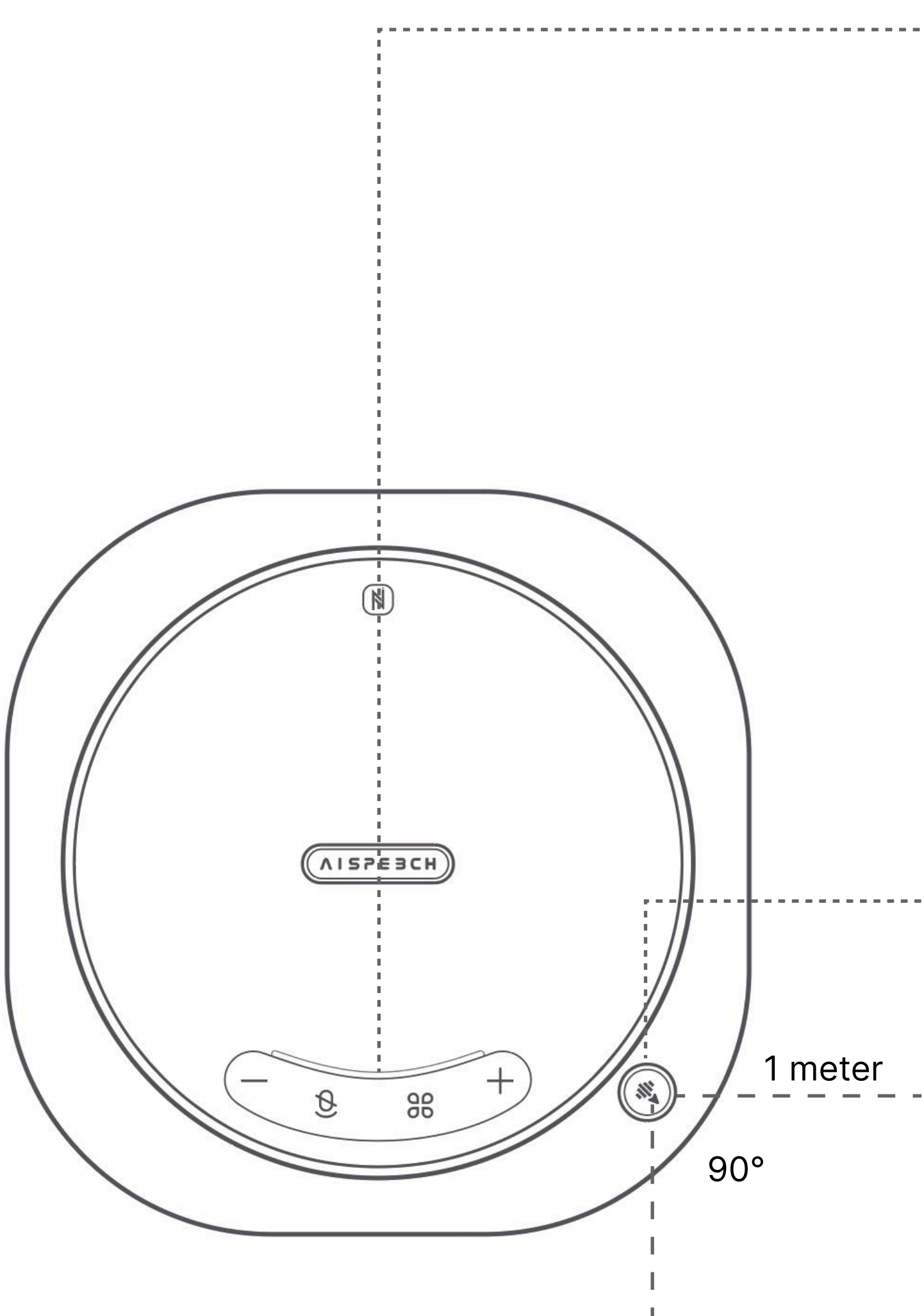
User Manual



Bluetooth dongle

Product Instruction

Buttons and indicator lights instructions



Volume/Battery indicator

● on ○ off

Volume indicator

⌒ Maximum volume
⌒ Minimum volume

Battery indicator(short press power button)

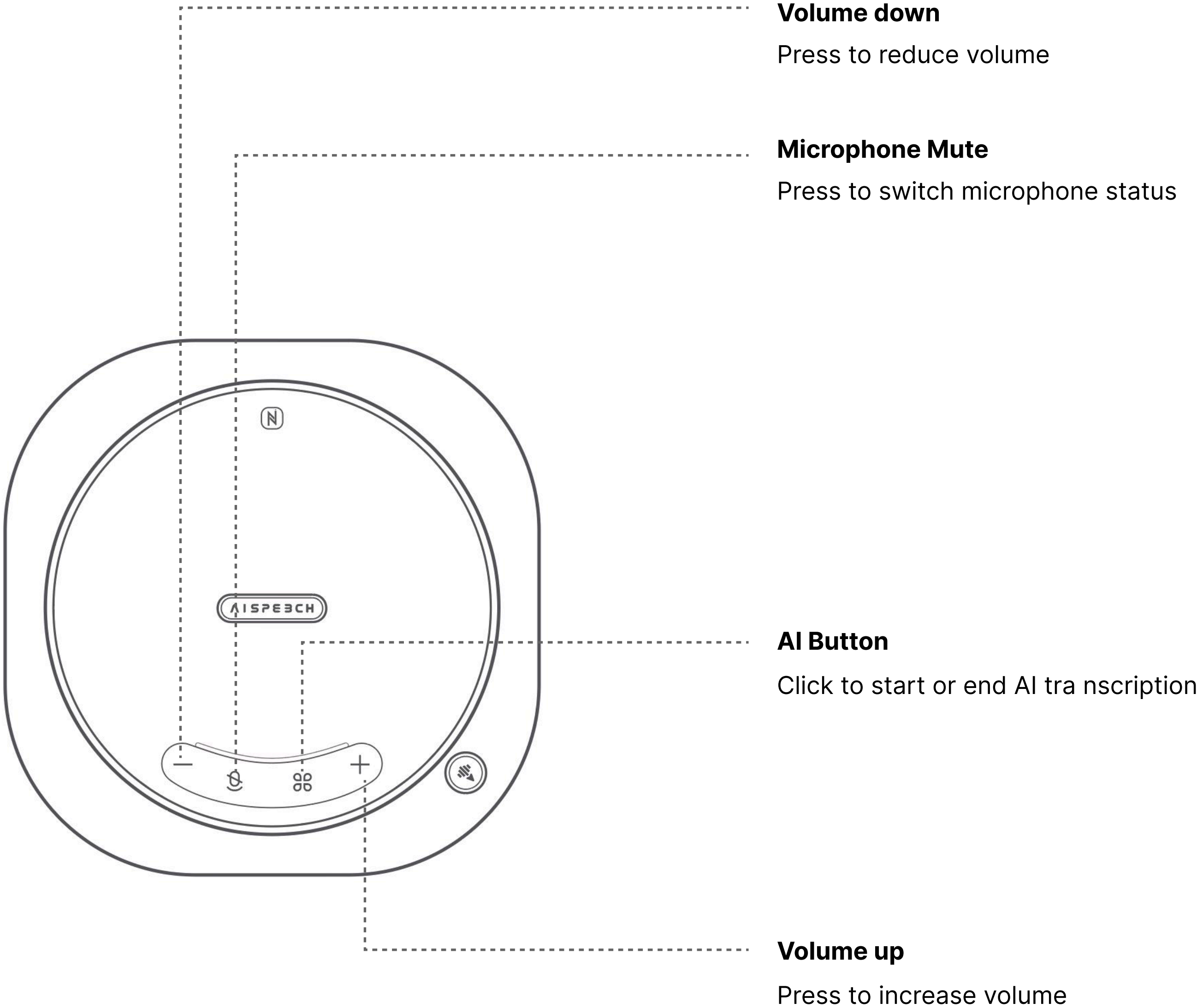
⌒ Battery > 90%
⌒ Battery ≤ 20%

Directional Voice Pickup

Press to enable/disable
Status indicator light
Light on: enabled
Light off: disabled

Product Instruction

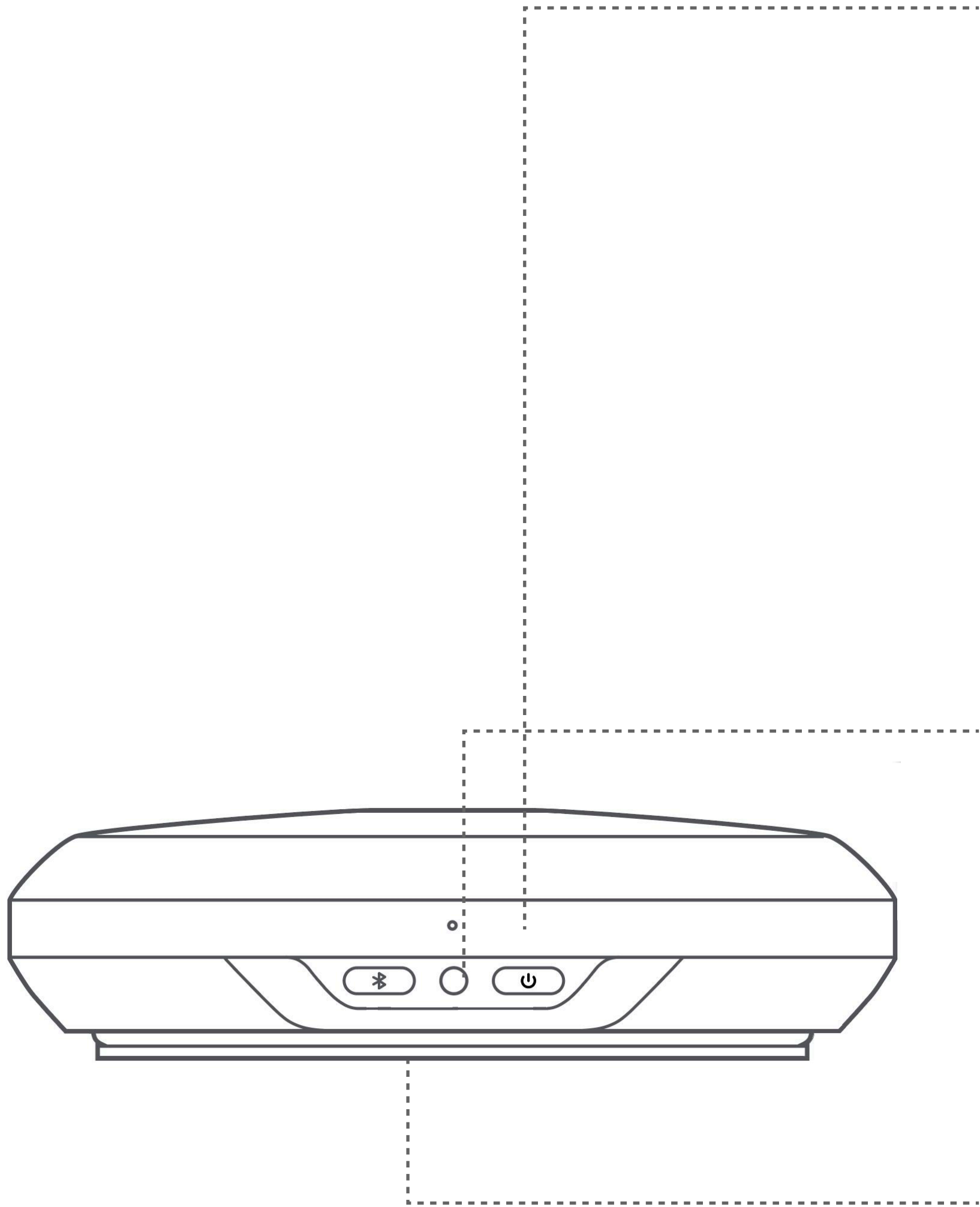
Buttons and indicator lights instructions



Tip:AI transcription function needs to be used with the Mile Memo software while the device is connected to the computer via USB.

Product Instruction

Buttons and indicator lights instructions



Power

Press and hold 3 seconds to power on or power off

Status indicator light

Red light breathing: battery low

White light breathing:charging

White light on: battery full or not charging

*The indicator light stays on when the battery is fully charged.

Headphone jack

When headphone is plugged in, the device will switch audio output from the speaker to the headphone

Bluetooth

Press and hold 2 seconds to pair or disconnect

Status indicator light

Blue light flashing : bluetooth pairing

Blue light on : Bluetooth connected

Learn more : <https://meeting.aispeech.com/>