M100

Omnidirectional USB/Bluetooth Conference Speakerphone

M100 integrates six microphone arrays, to support 360-degree sound pickup within a radius of 3 meters. Not only that, its full-range speaker provides crisp and natural sounds. The speakerphone's full-duplex audio technology and exclusive intelligent noise reduction algorithm help effectively eliminate burst noise and restore natural voices. Moreover, M100 is a plug-and-play device that can be quickly connected to a computer or smartphone using a USB cable, Bluetooth, or Bluetooth adapter. Its built-in 3200 mA battery supports ultra-long battery life, making it applicable to small and medium-sized meeting rooms, personal offices, and business travels.

Product Highlights

Plug-and-play even faster

- Built-in Bluetooth 5.1, enabling wireless connection to computers and smartphones for easier office working
- Standard USB Bluetooth adapter, with driver-free design that supports the plug-and-play feature
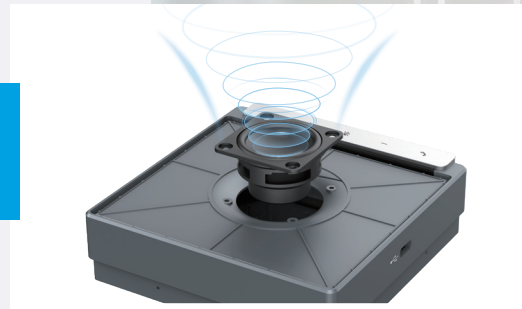- Connect to computers with a USB cable

Omnidirectional pickup and clear transmission

- Six omnidirectional digital microphone arrays, supporting 360-degree sound pickup within a 3-meter radius, so that users can speak and be heard where they are sitting.
- 100 Hz to 20 kHz frequency response, allowing the microphone to receive full-frequency voices and transmit sounds clearly
- Full-duplex audio, supporting simultaneous dialogue at two sites
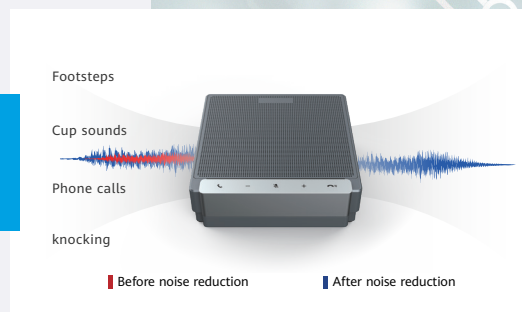
Superb, immersive sound

- 150 Hz to 20 kHz full-frequency speaker, providing crisp, natural voices
- Built-in 3 W speaker with 82 dB, delivering clear sounds at a long distance

Intelligent noise reduction, interference free

- Unsteady state noise suppression algorithm, blocking out ambient sounds such as keyboard noise and mouse clicking, as well as furniture clattering during conferences
- Acoustic echo cancellation (AEC) technology, eliminating echoes during video conferences for an outstanding interactive experience
- Automatic noise suppression (ANS) technology, reducing background noise in conference rooms while guaranteeing crisp, clear audio quality

Footsteps

Cup sounds

Phone calls

knocking

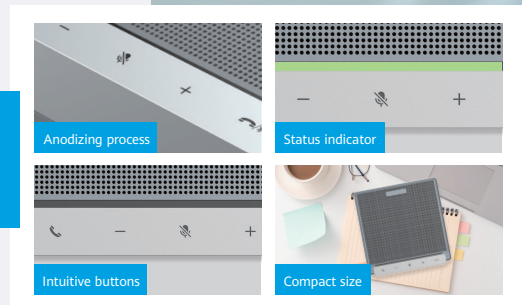Before noise reduction   After noise reduction

Long battery life for long-lasting calls

- The built-in 3200 mA battery supports up to 20 hours of calls on a 2.5-hour charge. After the speakerphone is connected to a computer using a USB cable, its battery can be automatically charged to keep calls going anytime and anywhere

Elegant and exquisite

- Elegant design that fully demonstrates high-tech
- Top surface made of die-casting aluminum alloy with anodizing process, which has a minimal but premium look

Anodizing process

Status indicator

Intuitive buttons

Compact size

Application Scenarios

Small meeting room

Open space

Personal office

Executive office

Online learning

Business travel

Technical Specifications

Product Model	
Model	M100
Microphone Specifications	
Microphone Type	Six microphone arrays
Sound pickup range	360-degree sound pickup within a 3 m radius
Signal-to-noise ratio (SNR)	≥ 65 dB
Sensitivity	–6 dBFS @ 94 dB SPL @ 1 m
Frequency response	100 Hz to 20 kHz
Full-duplex audio	Full-duplex
Speaker	
Maximum output power	3 W
Volume	82 dB SPL @ 1 m
Frequency response	150 Hz to 20 kHz
Audio Processing	
Unsteady state noise suppression	Deep learning algorithm, blocks out burst noises such as keyboard noise and mouse clicking, knocks, air conditioner sounds, and furniture clattering during conferences
Echo cancellation	Acoustic echo cancellation (AEC) technology, eliminating echoes during video conferences for an outstanding interactive experience
Noise suppression	Automatic noise suppression (ANS) technology, detecting and erasing background noises at a fixed frequency
Automatic gain control	Automatic gain control (AGC) technology, ensuring stable and naturally sounding voices
Connection	
USB	USB 2.0 (Type-C), with 1 m USB Type-C to Type-A cable
Bluetooth	Bluetooth 5.1, supporting 10 m wireless communication
USB Bluetooth adapter	Bluetooth 5.1, supporting 10 m wireless communication
Battery	
Battery specifications	3200 mA; rechargeable lithium battery; supports 20-hour calls on a 2.5-hour charge
Physical Specifications	
Power supply	USB 2.0 (Type-C) port and built-in battery
Ambient temperature	0°C to 40°C (operating state), –40°C to 70°C (storage state)
Relative humidity	10% to 90% (operating state)
Dimensions (H x W x D)	Product dimensions: 34 mm x 122 mm x 118 mm Package dimensions: 55 mm x 192 mm x 172 mm
Weight	Net weight: 0.33 kg; gross weight: 0.5 kg
Certification	CE, REACH, WEEE, and ROHS

Order Information

Product Name	Model	Appearance
Conference speakerphone	M100	