

# M100 Pro



## Omnidirectional USB/Bluetooth Conference speakerphone

M100 Pro integrates eight microphone arrays, to support 360-degree sound pickup within a radius of 4.5 meters. Not only that, its full-range speaker provides bass boost, increasing the sound of low-end frequencies. The speakerphone's full-duplex audio technology and exclusive intelligent noise reduction algorithm help effectively eliminate burst noise and restore people's voices. Moreover, M100 Pro is a plug-and-play device that can be quickly connected to a computer or smartphone using a USB cable, Bluetooth, or Bluetooth adapter, or be cascaded to enhance its effect. The speakerphone is applicable to small and medium-sized meeting rooms and personal offices.

## Product Highlights

M100 Pro

### 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



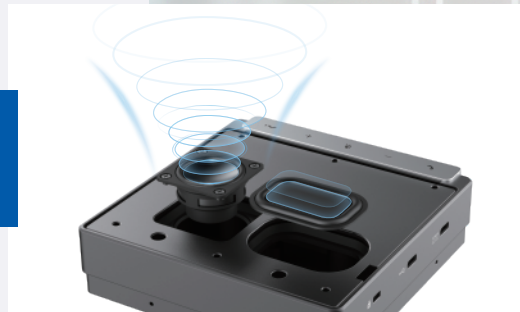
### Omnidirectional pickup and clear transmission

- Eight omnidirectional digital microphone arrays, supporting 360-degree sound pickup within a 4.5 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



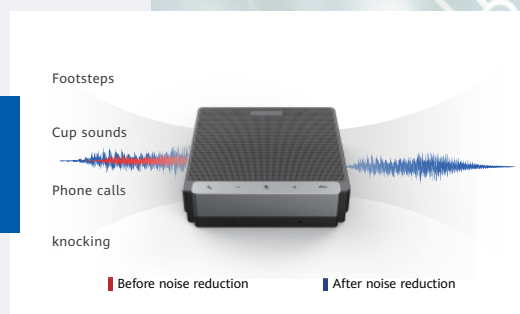
## Superb, immersive sound

- 100 Hz to 20 kHz full-frequency speaker, providing crisp, naturally sounding voices
- Built-in 5 W speaker with 85 dB, delivering clear sounds at a long distance
- Passive radiator bass unit, delivering powerful bass



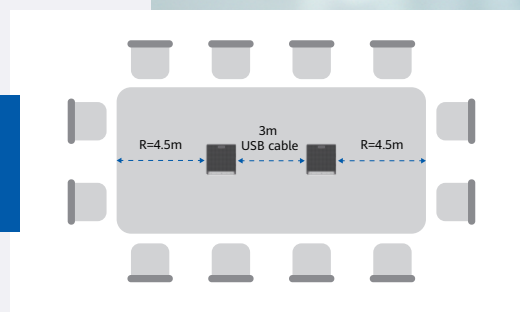
## Intelligent noise reduction, interference free

- Unsteady state noise suppression algorithm, blocking out ambient sounds such as keyboard noise and mouse clicking, as well as furniture clattering during conferences
- AEC technology, eliminating echoes during video conferences for an outstanding interactive experience, ANS technology, reducing background noise in conference rooms while guaranteeing crisp, clear audio quality, AGC technology, ensuring stable and naturally sounding voices



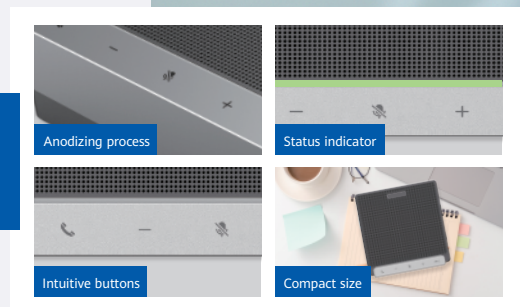
## Cascading for enhanced effects

- Two devices can be cascaded using a USB cable, so that the audio pickup and sound play distance can be expanded to 12 meters, making it the ideal system for medium-sized conference rooms that can hold 15 participants.



## 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





Small meeting room



Medium-sized meeting room



Personal office



Executive office



Online learning



Business travel

# Technical Specifications

M100 Pro

Product Model	
Model	M100 Pro
Microphone Specifications	
Microphone Type	8 microphone arrays
Sound pickup range	360-degree sound pickup within a 4.5 m radius
Signal-to-noise ratio (SNR)	≥ 65dB
Sensitivity	-6 dBFS @ 94 dB SPL @ 1 m
Frequency response	100 Hz to 20 kHz
Full-duplex audio	Full-duplex
Speaker	
Maximum output power	5W
Volume	85 dB SPL @ 1 m
Frequency response	100 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 5 m USB cable
Bluetooth	Bluetooth 5.1, supporting 10 m wireless communication
USB Bluetooth adapter	Bluetooth 5.1, supporting 10 m wireless communication
Expansion	
Cascading mode	Two devices can be cascaded using a USB cable through the USB 2.0 (Type-C) cascading port. A 3 m USB cascading cable is provided.
Physical Specifications	
Security	International Kensington standard-compliant security slot
Power supply	12 V DC
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: 40 mm x 155 mm x 150 mm      Package dimensions: 85 mm x 247 mm x 211.5 mm
Weight	Net weight: 0.63 kg; gross weight: 1.23 kg
Certification	CE, REACH, WEEE, and ROHS

# Order Information

M100 Pro

Product Name	Model	Appearance
Conference speakerphone	M100 Pro	

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