

MAXHUB

BM21



Bluetooth Speakerphone for Teleconference

MAXHUB SPEAKERPHONE

The MAXHUB BM21 360° Bluetooth speakerphone is a well-rounded performer that supports your every important conference call anytime, anywhere. Its voice pickup range ensures you are heard clearly in your flexible seats. The built-in high-performance dynamic speakers bring you a crystal clear voice experience.

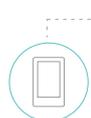
> Omnidirectional¹ Making Your Voice Heard

A MAXHUB Speakerphone supports 360-degree omnidirectional audio pickup to receive the voice from every seat in a meeting room.

6-Element
Microphones

360°
Omnidirectional

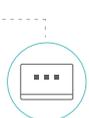
5 Metres²
Voice Pickup Radius



Mobile Phone



PC



Interactive Flat Panel

> Set up in Seconds

Seamless Connection³

Connect via Bluetooth,
a USB cable or an audio cable³

Plug and Play

Instantly operational
after connection

Multiple Devices Connection

Connects up to 3 devices at the same time

> Crystal Clear Calls

Built-in high-performance large dynamic speakers, with intelligent noise reduction and echo cancellation algorithms, and PZM structure design bring you high-quality voice experience.

PZM
Structure Design
Acoustic Echo
Cancellation

High Performance
Speaker





Wired & Wireless Charging⁴

Supports 8-hour of Playtime on a single charge

8 Hours⁵
Durable battery life

USB Cable & Charging Pad⁴
Either way, charging could be easy

1.To support 360°omnidirectional audio pickup, MAXHUB Speakerphone needs to be unobstructed.

2.Based on tests results from MAXHUB Lab, test environment is within a meeting room with reverberation time less than 1s, voice being recognisable identified as effective audio pick up.

3.To achieve ideal results, MAXHUB recommends using MAXHUB USB cables and MAXHUB audio cables, which are boxed together with MAXHUB Speakerphones.

4.Wireless charging is optional, and an extra wireless charger is required for this function.

5.Based on tests results from MAXHUB Lab, the actual usage time depends on the environment and battery consumption.

Specification

* Specifications are subject to change without notice.

Microphone		Physical Specification	
Pickup Distance	5 Metres Radius	Dimension (Diameter×Height)	120mm×35.2mm
Microphone	6-Element Microphone Array	Net Weight	395g
Frequency	150Hz-8kHz	Colour	Dark Grey
Sensitivity	-38dBV	Battery	
Signal to Noise Ratio	65dB	Battery Capacity	7.4V/2200mAh Wired 5V/2A
Features	Advanced Echo Cancellation, Intelligent Noise Reduction, Wideband voice processing	Charging Requirement	Wireless 5W
Speaker		Battery Life on a Single Charge	Up to 8 hours
Maximum Sound Pressure Level	80dB SPL@1m	Features	Support Wireless Charging
Distortion	≅4% @150Hz-16kHz	Package Contents	
Signal-to-noise Ratio	≥75dB@1m	BM21 Speakerphone	x1
Frequency Response	150Hz-16kHz	USB Cable	×1
Features	Simultaneous connection (USB, Bluetooth, AUX), Daisy-chain (require optional MAXHUB special AUX cable)	AUX cable	x1 (3.5mm Audio)
I/O Ports & Buttons & Indicators		Quick guide	x1
USB	USB Type C (Audio in/ out + Charge 5V/ 2A)	Environment	
AUX	3.5mm (Audio in/ out)	Operating Temperature	-5 C -40 C
Bluetooth	BT4.2+EDR	Operating Humidity	10%-90%RH
Mode	Music mode/ Call mode (in Bluetooth mode)	Storage Temperature	-20 C -60 C
Buttons	6 (Power, Answer/ hang up, Mute,Bluetooth, Volume+, Volume-)	Storage Humidity	10%-90%RH
Indicator Light	Power, Volume, Bluetooth, Microphone Mute, Answer/ Hang up)	Warranty	
USB Features		Omnidirectional Microphone	3 years
Colour System / Compression	H.264/ YUY2/ MJPG	Accessories	1 year
USB	USB 2.0	Compatible Application	
UAC	UAC Audio Compatible	Support Major VC Software	ZOOM Certified, Microsoft® Teams, Google Meet, Google Hangouts, Cisco WebEx®, RingCentral, etc.

Choose the products that are right for you

	<u>BM21</u>	<u>BM20</u>
Product ID		
Mechanical design	Metal shell	Metal shell
Wireless charging	√	x
Microphone arrays	6	6
Voice pick-up distance	5 metres	4 metres
Bluetooth dongle	Standard	Optional