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.
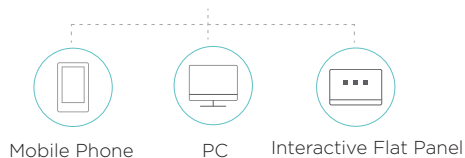
Omnidirectional[1] Making Your Voice Heard

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 Metres[2]
Voice Pickup Radius

Mobile Phone   PC   Interactive Flat Panel

Set up in Seconds

Seamless Connection[3]
Connect via Bluetooth, a USB cable or an audio cable[3]

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 Charging[4]

Supports 8-hour of Playtime on a single charge

8 Hours[5]
Durable battery life

USB Cable & Charging Pad[4]
Either way, charing 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

Pickup Distance	5 Metres Radius
Microphone	6-Element Microphone Array
Frequency	150Hz-8kHz
Sensitivity	-38dBV
Signal to Noise Ratio	65dB
Features	Advanced Echo Cancellation, Intelligent Noise Reduction, Wideband voice processing

Speaker

Maximum Sound Pressure Level	80dB SPL@1m
Distortion	≦4% @150Hz-16kHz
Signal-to-noise Ratio	≥75dB@1m
Frequency Response	150Hz-16kHz
Features	Simultaneous connection (USB, Bluetooth, AUX), Daisy-chain (require optional MAXHUB special AUX cable)

I/O Ports & Buttons & Indicators

USB	USB Type C (Audio in/ out + Charge 5V/ 2A)
AUX	3.5mm (Audio in/ out)
Bluetooth	BT4.2+EDR
Mode	Music mode/ Call mode
Buttons	(in Bluetooth mode)
Indicator Light	6 (Power, Answer/ hang up, Mute,Bluetooth, Volume+, Volume-) Power, Volume, Blutooth, Microphone Mute, Answer/ Hang up)

USB Features

Colour System / Compression	H.264/ YUY2/ MJPG
USB	USB 2.0
UAC	UAC Audio Compatible

Physical Specification

Dimension (Diameter×Height)	120mm×35.2mm
Net Weight	395g
Colour	Dark Grey

Battery

Battery Capacity	7.4V/2200mAh Wired 5V/2A
Charging Requirement	Wireless 5W
Battery Life on a Single Charge	Up to 8 hours
Features	Support Wireless Charging

Package Contents

BM21 Speakerphone	x1
USB Cable	×1
AUX cable	x1 (3.5mm Audio)
Quick guide	x1

Environment

Operating Temperature	-5℃-40℃
Operating Humidity	10%-90%RH
Storage Temperature	-20℃-60℃
Storage Humidity	10%-90%RH

Warranty

Camera	3 years
Accessories	1 year

Compatible Application

Support Major VC Software	ZOOM Certified, Microsoft® Teams, Google Meet, Google Hangouts, Cisco WebEx®, RingCentral, etc.

Choose the products that are right for you

	BM21	BM20	BM11
Product ID			
Mechanical design	Metal shell	Metal shell	Plastic shell
Wireless charging	√	x	x
Microphone arrays	6	6	3
Voice pick-up distance	5 metres	4 metres	3 metres
Bluetooth dongle	Standard	Optional	Optional