

MAXHUB

BM20



Bluetooth Speakerphone for Teleconference
MAXHUB SPEAKERPHONE

The MAXHUB BM20 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.

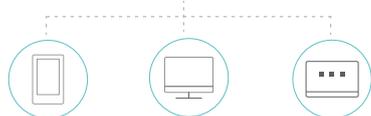
> Omnidirectional¹ Making Your Voice Heard

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

4 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 via Bluetooth + USB cable + audio cable

> 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
Proven audio quality

High Performance
Speaker
Acoustic echo cancellation





▶ 8 hours long battery life⁴

Supports 8-hour of Playtime on a single charge with the maximum volume

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 pickup.
3. To achieve ideal results, MAXHUB recommends using MAXHUB USB cables and MAXHUB audio cables, which are boxed together with MAXHUB Speakerphones.
4. Based on tests results from MAXHUB Lab, the actual usage time depends on the environment and battery consumption.

Specification

Microphone

| | |
|--------------------|----------------------------------|
| Type | 6-Element Array, Omnidirectional |
| Voice Pickup Range | 4m (Radius) |
| Frequency Range | 150Hz -7.5kHz |

Speaker

| | |
|------------------------------|---------------------|
| Sound Channel | 1.0 |
| Output Power | 1×5W |
| Maximum Sound Pressure Level | 85dB SPL @0.5m 1kHz |
| Distortion | ≤1% @1W, 1kHz |
| Signal to Noise Ratio | ≥75dB |
| Frequency Range | 150Hz-16kHz |

I/O Ports

| | |
|---------------------|---------------------------------|
| USB Type-C | 1 (Audio IN/ OUT+Charge 5V/ 2A) |
| AUX 3.5mm | 1 (Audio IN/ OUT) |
| Button | 6 |
| LED Indicator light | Power/ Volume/ Button |

Bluetooth

| | |
|---------------------|-----------|
| Version | BT4.2+EDR |
| Operating Frequency | 2.4GHz |
| Operating Distance | 10m |

Physical Specification

| | |
|-----------------------------|--------------|
| Dimension (Diameter×Height) | 120×36.5mm |
| Dimension (package) L×W×H | 225×158×50mm |
| Continuous working time | 390g |
| Gross Weight | 692g |

Accessory

| | |
|------------------|----|
| USB Type-C Cable | ×1 |
| Audio Cable | ×1 |

Environmental Condition

| | |
|-----------------------|-------------------|
| Operation Temperature | 0°C -40°C |
| Operation Humidity | 10%-90%RH |
| Storage Temperature | -20°C -60°C |
| Storage Humidity | 10%-90%RH |
| Altitude | Below 5000 meters |

Choose the products that are right for you

| | <u>BM21</u> | <u>BM20</u> | <u>BM11</u> |
|---------------------------------|---|--|---|
| Product ID |  |  |  |
| Mechanical design | Metal shell | Metal shell | Plastic shell |
| Wireless charging | √ | x | x |
| Microphone arrays | 6 | 6 | 3 |
| Voice pick-up distance (Radius) | 5 metres | 4 metres | 3 metres |
| Bluetooth dongle | Standard | Optional | Optional |