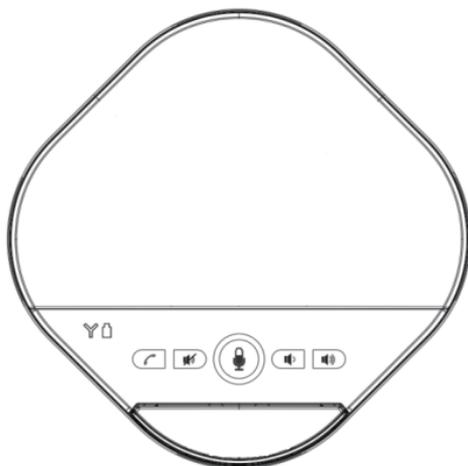




USB Bluetooth® Speaker & Speakerphone

User Manual

BG-SMB-5M



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Product Description

Preface

Thanks for choosing this speakerphone. Please read the manual carefully before using it. This manual describes the functions, installation and use of this device in full detail.

BG-SMB-5M is a full duplex 16kHz echo cancellation speaker- phone. The pickup radius is 5m, which is ideal for one-to-one and small to medium group conference calls. It uses Bluetooth and USB connections to replace PC and smartphone speakers and microphones with outstanding audio quality. The USB interface can be connected to a PC or other video conference terminals, mobile phones, tablets, and other smart devices can connect using Bluetooth/2.4 G/I.O.

Attention

- a. Before operation, please fully read and follow all instructions in the manual.
- b. Operational environment: 0 ~ 40 degrees, Working humidity: 20 ~ 85% (no frost)
- c. Please keep the device away from motors, transformers and other electronic devices to avoid noise.
- d. Please keep the equipment away from water and other liquids to avoid electric shock.
- e. This device should be placed in a horizontal position, not wall-mounted or ceiling mounted.
- f. Please use the USB cable included with this device to prevent electric shock and fire damage.
- g. Use a dry soft cloth to clean the device. Never use strong or abrasive cleaning agents on the device to avoid damaging the case of the device.
- h. There are no user serviceable parts inside. Please contact your dealer for assistance rather than dismantle the speakerphone and protect cover by yourself.

Main features

1. Ensure everyone experiences clear sound with 4 built-in Omni directional microphones within 5m 360 degrees pick up radius. Supports 2 expansion mics which pick up range of 8m 360 degrees.
2. Seamless Connectivity, simple plug and play set up via USB or Bluetooth to get your meetings started quickly.
3. Comes with a 3.5mm headset port that allows the user to switch from a conference call to a private conversation.
4. Full duplex echo cancellation and noise reduction, Ultra Wideband HD Voice Call Technology provides Crystal clear sound without any echoes or distortions.
5. Intuitive red, green and blue LED indicators give you visual guidance
6. Volume of the speaker can reach 85dB. Device can connect to external speaker if you need a louder volume.
7. Compatible with all leading UC platform such as video conference software like ZOOM, Vidy, WebEx, Skype for business, Google hangout, etc.

Product type



BG-SMB-5M

(Please charge before using the Wireless/Bluetooth devices.
Please charge with standard USB cable and power adaptor.)

Supplied Accessories



USB cable



Power adaptor

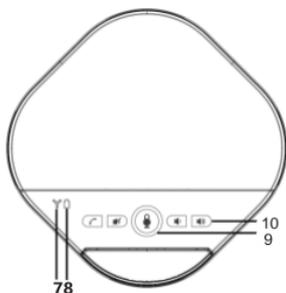
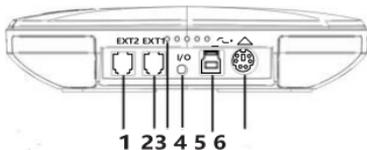


2.4G Wireless Receiver



3.5mm audio cable

Interface introduction



- | | | | |
|---------------------------------|---------------------|-----------------------------|----------------|
| 1. Ext2 | 2. Ext1 | 3. Working status indicator | 4. Line in/out |
| 5. USB interface (rechargeable) | 6. Din6 | 7. 2.4G indicator | |
| 8. Battery indicator | 9. Volume indicator | 10. Volume up/down | |

Button

OFF  ON	Power on/off	Long press 3 seconds to turn on/off the device
	Volume up/down	Increase/Reduce the volume
	Speaker mute	Turn on/off speaker mute function
	Bluetooth	Bluetooth pairing
	Answer/hang up	Answer/Hang up call
	Microphone mute	Turn on/off microphone mute function
	PC mode	Long press 5 seconds to enter PC mode, exit mobile mode, working indicator flash 3 times.
	Mobile mode	Long press 5 seconds to enter mobile mode, exit PC mode, working indicator flash 2 times.
	Echo cancellation	Long press 5 seconds to enter/exit echo cancellation mode

LED Indicator Function

The device works normally	Blue indicator on	
Volume indicator	Green indicator flashes	Speaker mute
	Red indicator on	Microphone mute
	Green and red indicator alternating flash	Both speaker and microphone mute
Y type/battery indicator	Y type	2.4G and Bluetooth connect green indicator on
	Battery indicator	1.Red indicator flashes if the remaining battery power is less than 15%. 2.Green indicator flashes while charging. 3.Green light on means full of electricity.

Charging instructions

Please charge before using the Wireless/Bluetooth devices.

This device comes with a built-in rechargeable battery, please charge with standard USB cable and power adaptor, or charge by connecting the device to PC.

Note: Device takes 2-3 hours to be fully charged.

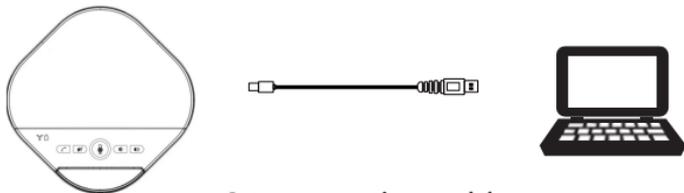
Connection introductions

This device can be connected by USB cable as a speaker and a microphone.

1. Fit for Windows, IOS, Android, etc. with a USB port.
2. PC or other devices will automatically recognize and install the device.

It will take 1 minute to show successfully installed. (Only for the first time to use).

3. Blue indicator will be on while working.
4. Open the platform of choice and initiate a call.



USB connecting cable

2.4G Wireless connection

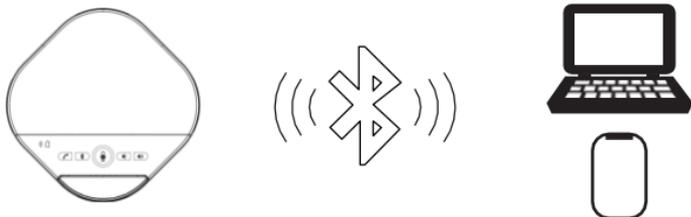
1. Plug the 2.4G Wireless Receiver to PC or other devices.
2. Turn on the button of the device.
3. PC or other devices will automatically recognize and install the device. It will take 1 minute to show successfully installed. (Only for the first time to use) Blue indicator will be on while working.
4. Open the platform you chose and set the audio input and output to BG-SMB-5M. You can start an audio call now.



Bluetooth connection

This device can be connected by Bluetooth as a speaker and a microphone for the smartphone and tablet.

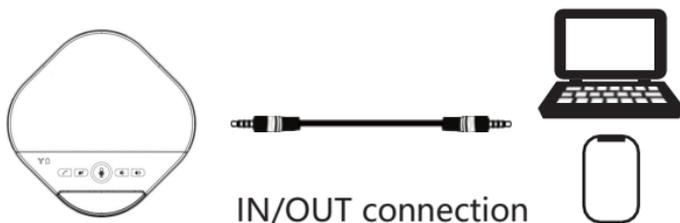
1. Turn on the device, press Bluetooth pairing, green indicator Y flashes indicating pairing is ready.
2. Turn on the Bluetooth on your smartphone, tablet or other smart devices, choose "BG-SMB-5M" to match. Y indicator will be on when paired successfully.
3. Open the platform of choice and initiate a call.



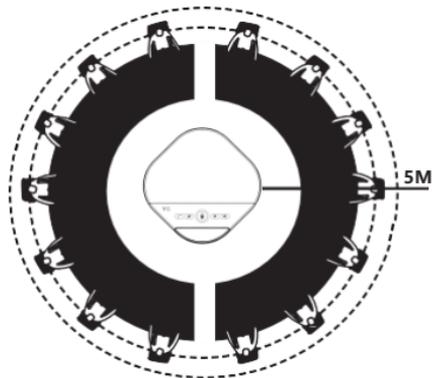
IN/OUT connection

- (1) When the connection port of the terminal device is a four-core audio interface, the "I/O" port of the terminal device can be connected with the terminal device through a 3.5 mm four-core audio line.
- (2) When the connection port of the terminal device is two three-core audio interfaces (microphone and speaker interfaces), an audio converter is needed. Two 3.5mm 3-core audio wires are used to connect the interface of the terminal equipment with the audio adapter, and then the four-core terminals of the audio adapter are connected to the "I/O" port of the local machine.

Note: When the terminal device is PC, please set it as PC mode. When the terminal device is the mobile phone, please set speakerphone to "mobile mode."



Pick up range



5m radius pick up range, fit for small to medium meeting rooms.

Function Diagram



Home based worker



Small - medium
business conference call



Omnidirectional call



Audio playback

Technical Spec

Voice technical parameters	Acoustic Echo cancellation (AEC) : > 65dB Echo length cancellation : ≥500ms Bidirectional noise compression (NC) : <25dB Automatic Direction finding Technology of Intelligent microphone (EMI) Automatic gain control (AGC)
Audio parameters	Microphone frequency response : 100Hz-22KHz Speaker frequency response : 100Hz-22KHz Speaker volume: 95dB at the most Microphone sound-pickup diameter: 6 meters, 360 degrees full range
Interface	USB interface, RJ45 ext interfaces, I/O audio interface, DIP6 interface
Expansion Mics (optional)	2 optional external microphones make the sound-pickup range up to 8m(26ft)
Power supply	USB power supply(5V/500m)
Computer environment	Windows, Mac OS, Android

Warranty

BZBGear wants to assure you peace of mind. All BZBGear cameras and camera-related products include our Stress-Free Three-Year Warranty.

For complete warranty information, please visit BZBGear.com/warranty.

For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Mission Statement

BZBGear manifests from the competitive nature of the audiovisual industry to innovate while keeping the customer in mind. AV solutions can cost a pretty penny, and new technology only adds to it. We believe everyone deserves to see, hear, and feel the advancements made in today's AV world without having to break the bank. BZBGear is the solution for small to medium-sized applications requiring the latest professional products in AV.

We live in a DIY era where resources are abundant on the internet. With that in mind, our team offers system design consultation and expert tech support seven days a week for the products in our BZBGear catalog. You'll notice comparably lower prices with BZBGear solutions, but the quality of the products is on par with the top brands in the industry. The unparalleled support from our team is our way of showing we care for every one of our customers. Whether you're an integrator, home theater enthusiast, or a do-it-yourselfer, BZBGear offers the solutions to allow you to focus on your project and not your budget.