BZB GEAR®
Solutions to Amplify Your World™

BG-SMB-4M

USB/Bluetooth Wireless Desktop Conference Speakerphones with 360° Audio Pickup up to 4M

User Manual

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Statement

Please read these instructions carefully before connecting, operating, or configuring this product. Please save this manual for future reference.

Safety Precaution

- Unpack the equipment carefully and save the original box and packing material for possible future shipment.
- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent damaging this product, avoid heavy pressure, strong vibration, or immersion during transportation, storage, and installation.
- Do not dismantle the housing or modify the module.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Do not put any heavy items on the extension cable in case of extrusion.
- The housing of this product is made of organic materials. Do not expose to any liquid, gas, or solids which may corrode the shell.
- Unplug this device during lightning storms.
- Do not use liquid or aerosol cleaners to clean this unit. Clean only with a soft dry microfiber cloth.
- If an object or liquid falls or spills on to the housing, unplug the module immediately.
- To prevent the risk of electric shock, do not open the case. Installation and maintenance should only be carried out by qualified technicians.
- Do not use the product beyond the specified temperature, humidity, or power supply specifications.
- This product does not contain parts that can be maintained or repaired by users. Damage caused by dismantling the product without authorization from BZBGEAR is not covered under the warranty policy.
- Installation and use of this product must strictly comply with local electrical safety standards.
- Product specifications may be subject to technical upgrades without further notice.
- Unplug the power cord when left unused for a long period of time.
- Information on disposal for scrapped devices: do not burn or mix with general household waste, please treat them as normal electrical wastes.
- Please keep the device away from motors, transformers and other electronic devices to avoid noise.
- This device should be placed in a horizontal position, not wall mounted or ceiling mounted.

Introduction

The BG-SMB-4M is a full duplex 16kHz echo canceling speakerphone. The pickup radius is 4m, 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.

Features

- Ensure everyone experiences clear sound with 4 built-in Omnidirectional microphones within 4m for 360° pickup.
- Seamless Connectivity, simple plug and play setup via USB or Bluetooth to get your meetings started quickly.
- Comes with a 3.5mm headset port that allows the user to switch from a conference call to a private conversation.
- Full duplex echo cancellation and noise reduction, Ultra Wideband HD Voice Call Technology provides Crystal clear sound without any echoes or distortions.
- Intuitive red, green and blue LED indicators give you visual guidance
- Volume of the speaker can reach 85dB. Device can connect to an external speaker if you need a louder volume.
- Compatible with all leading UC platforms such as video conference software like ZOOM, Vidyo, WebEx, Skype for business, Google hangout, etc.

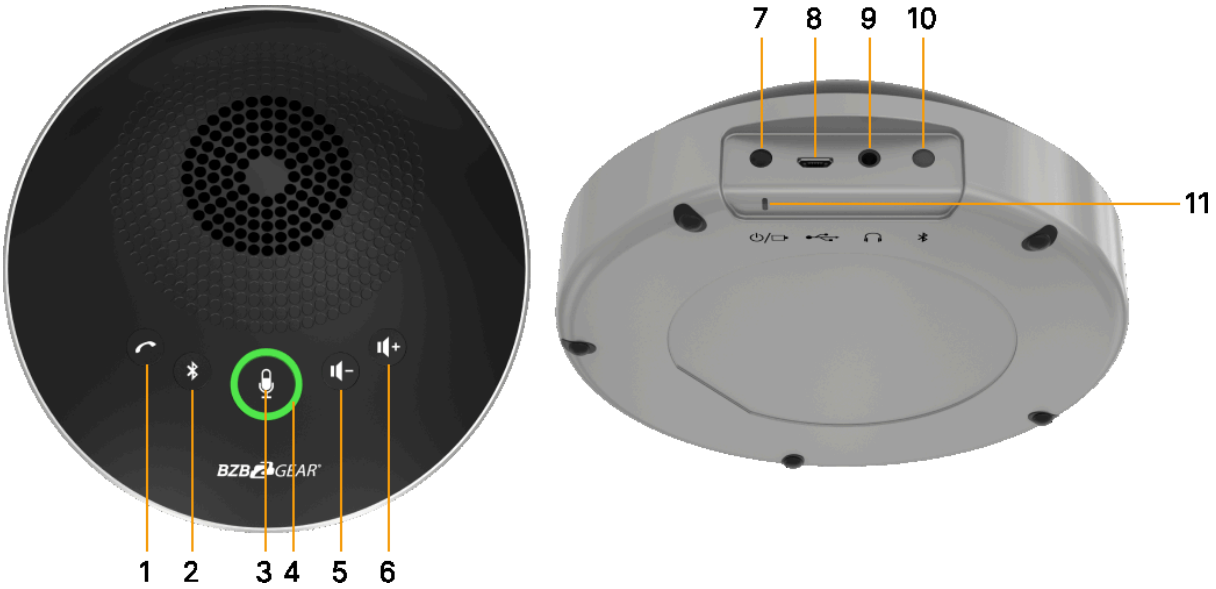
Packing List

- 1x Microphone
- 1x 1.8m USB cable
- 1x User Manual
- 1x Quick Start Guide

Technical Specifications

Technical	
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: 4m, 360 degrees full range
Interface	Bluetooth / USB interface, 3.5mm audio output
Power supply	USB power supply (5V/500m)
Computer environment	Windows, Mac OS X, Android
Operating environment	Operational environment: 0 ~ 40°C, Working humidity: 20 ~ 85% (no frost)
Size	141 x 141 x 42mm / 192 x 192 x 90mm (before/after packaging)
Weight	0.57 lbs / 1.1 lbs [260g/500g] (Net/Gross weight)

Operation Controls and Functions



1. Answer/Hang up button.
2. Bluetooth button.
3. Microphone activate/mute.
4. LED indicator - green microphone active, red microphone mute.
5. Volume -.
6. Volume +.
7. Power button.
8. Micro USB interface to connect to PC audio source.
9. 3.5mm stereo mini input jack.
10. Bluetooth indicator led.
11. LED Power indicator.

Button

Button	Function	Description
	Power button	Long press to turn on / off the microphone
	Volume down	Reduce the volume
	Volume up	Increase the volume
	Microphone mute	Press microphone mute button, red indicator on. Press again, microphone works, green indicator on.
	Bluetooth	Turn on / off Bluetooth function
	Hang up	Hang up call
	Answer	Answer call

LED Indicator Function

1. The device is working normally: blue indicator on.
2. Red indicator on: Microphone mute.
3. Bluetooth turn on, blue indicator flashes; Bluetooth connect, blue indicator on.
4. When the device has no peripheral connection after power on, it will shut down automatically after 3 minutes.

Charging instructions

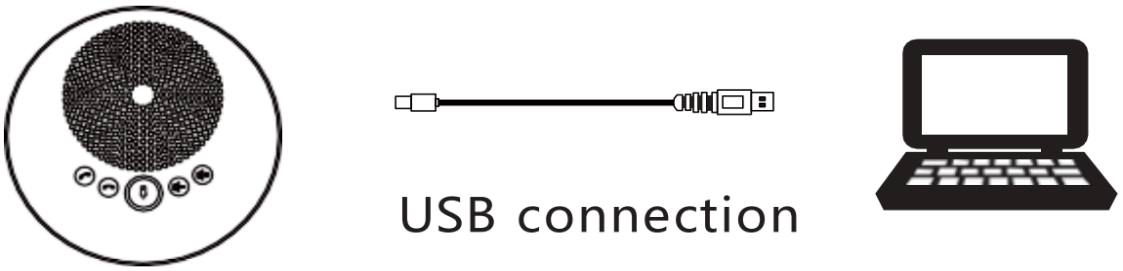
1. Please charge before using the Wireless / Bluetooth devices.
2. This device comes with a built-in rechargeable battery. Please charge with standard USB cable and power adapter, or charge by connecting the device to PC.

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.

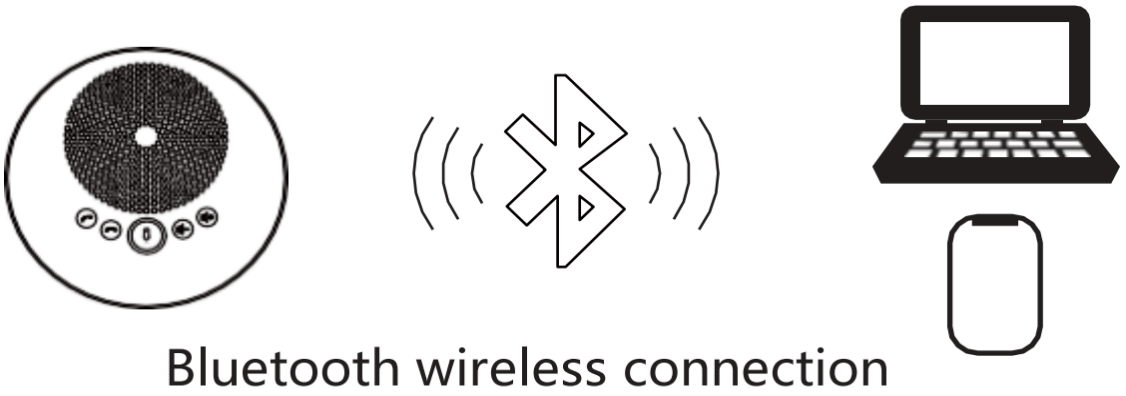
1. Fit for Windows, IOS, Android, etc. with a USB port.
2. PC or other devices will automatically recognize and install the device. It will take 1 minute to show successfully installed. (Only for the first time to use).
3. Blue indicator will be on while working.
4. Open the platform of choice and initiate a call.



Bluetooth connection

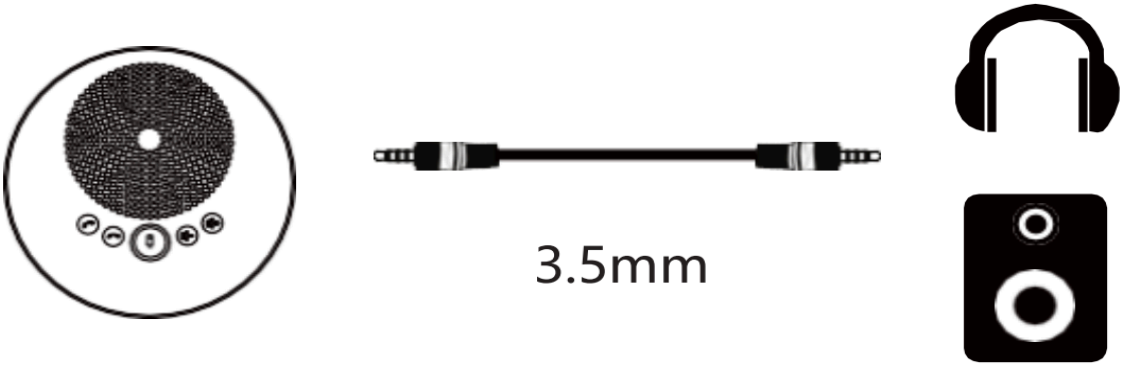
This device can be connected by Bluetooth as a speaker and a microphone for the smartphone and tablet.

1. Turn on the device, press Bluetooth button, blue indicator flashes means you can pair.
2. Turn on the Bluetooth on your smartphone, tablet or other smart devices, choose “BG-SMB-4M" to match. Blue indicator will be on when matched successfully.
3. Open the of choice and initiate a call.



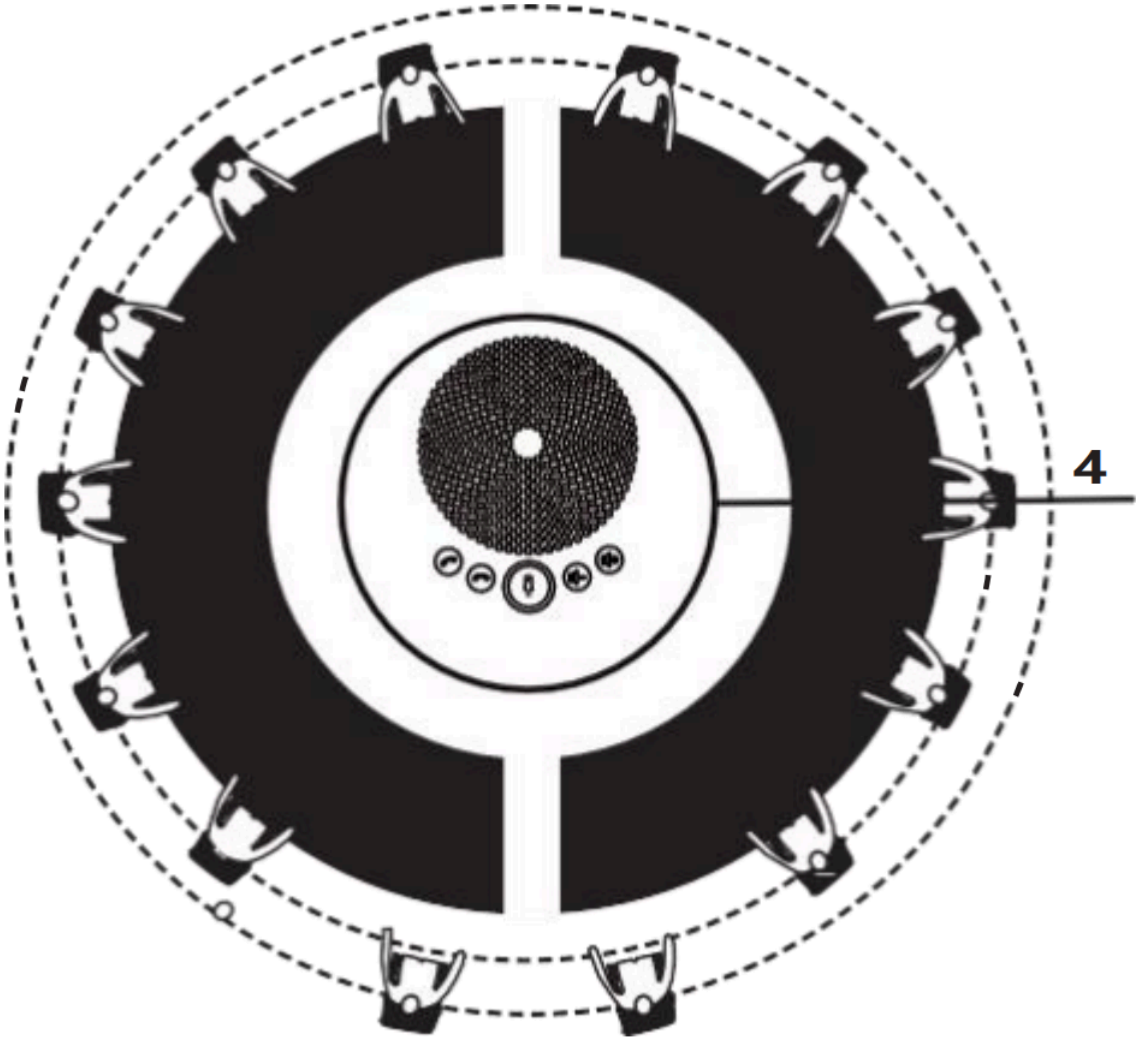
For music playing

1. This device can be connected as a high-quality music source.
2. Connect your speaker with the 3.5mm jack to have a crystal clear voice, music, and multimedia..



Pick up range

4m radius for small to medium meeting rooms



Function Diagram

Home based worker

Small - medium business conference call

360-degree Omnidirectional call

Audio playback

Tech Support

Have technical questions? We may have answered them already!

Please visit BZBGEAR's support page (bzbgear.com/support) for helpful information and tips regarding our products. Here you will find our Knowledge Base (bzbgear.com/knowledge-base) with detailed tutorials, quick start guides, and step-by-step troubleshooting instructions. Or explore our YouTube channel, BZB TV (youtube.com/c/BZBTVchannel), for help setting up, configuring, and other helpful how-to videos about our gear.

Need more in-depth support? Connect with one of our technical specialists directly:

Phone	**Email**	**Live Chat**
1.888.499.9906	support@bzbgear.com	bzbgear.com

Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product 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 is a breakthrough manufacturer of high-quality, innovative audiovisual equipment ranging from AVoIP, professional broadcasting, conferencing, home theater, to live streaming solutions. We pride ourselves on unparalleled customer support and services. Our team offers system design consultation, and highly reviewed technical support for all the products in our catalog. BZBGEAR delivers quality products designed with users in mind.

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