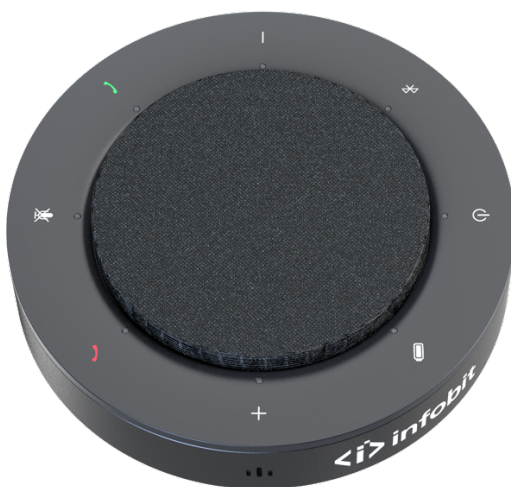




iSpeaker M250

USB Speakerphone

V1.1





Important Safety Instructions



1. Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



6. Clean this apparatus only with dry cloth.



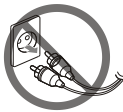
2. Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.



7. Unplug this apparatus during lightning storms or when unused for long periods of time.



3. To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.



8. Protect the power cord from being walked on or pinched particularly at plugs.



4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Only use attachments / accessories specified by the manufacturer.



5. Do not place sources of naked flames, such as lighted candles, on the unit.



10. Refer all servicing to qualified service personnel.



Warnings of FCC

The iSpeaker M250 has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



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1. Introduction

1.1 Overview

The iSpeaker M250 is a wireless Bluetooth Portable USB Speakerphone. Setup and use of the wireless speakerphone are a breeze –plug and play. It's compatible with all leading UC platforms. With four microphones built-in, the speakerphone can pick up sound from any angle. With a slim, compact design and a convenient carrying case included, the speakerphone can be used at home, in the office or during traveling. Plus, the speakerphone supports echo cancellation, active background noise reduction and speech enhancement, which can provide an excellent performance during meeting.

1.2 Features

- Connect easily with Bluetooth and USB options.
- With 4 Microphones on four directions, it supports 360-degree clear and rich audio picking up.
- Supports simple, intuitive touch controls and LED indicators.
- Long battery life, the speakerphone's battery life is about 10h
- Supports 4~6 people meeting together.
- Easy plug and play
- Compatible with Mac OS, Windows OS, Android OS and iOS



1.3 Package Contents

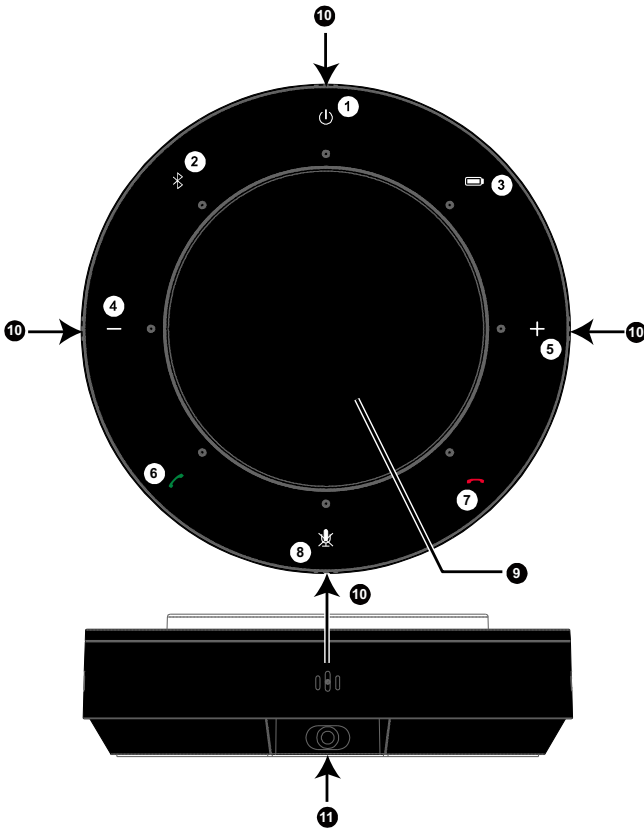
- 1 x Speakerphone
- 1 x USB Type-A to Type-C Cable

1.4 Specifications

Technical	
Bluetooth	Yes (BT 5.0)
Battery Life	Up to 10 hours
Battery Capacity	2,500mAh
Working Voltage/Current	5V/1A
Speaker out	3W
Mics	4 Mics array
Mic Pickup Audio Range	360°, R=3m/10ft
USB cable	1.5m (USB Type-A to Type-C)
Product size (φ x h)	123.01mm x 35.8mm /4.84" x 1.41"

General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Product Weight	0.21kg/0.46lb

1.5 Panel Description



1.5.1 Buttons

No	Name	Description
1	Power	Power On/Off the speakerphone.
2	Bluetooth	Set Bluetooth function to On/Off.

No	Name	Description
3	Battery/Charge	Show the battery level.
4	Volume Down	Decrease the volume.
5	Volume Up	Increase the volume.
6	Answer Call	Answer the phone call.
7	End Call	End the phone call.
8	Mute/Unmute	Mute/Unmute the microphones.
9	Horn	Output the audio from the connected source.
10	Mic	Four microphones on side panel. For mic input.
11	USB	USB Type-C port (USB 2.0). Support external device to supply power of 5V for the speakerphone. Connect to the source using the provided USB cable, for playing media (or Voice Call) and charging the speakerphone.

1.5.2 LED Indicators Status

No	Status	Description
1	Mute/Unmute	a. Mute: All LEDs light red. b. Unmute: All LEDs are back to last status.
2	Power On	a. Connect to USB source device: The LED of Power lights white, other LEDs are off (back to last status).

No	Status	Description
		b. Press the Power button: Hold the Power button for about 2s. All LEDs blink white once like breathing, then Power LED lights white, other LEDs are off or Battery/Charge LED blinks red like breathing/lights green (when USB device is connected).
3	Power Off	Breathing LEDs, all LEDs will blink (white) once like breathing and then off, the device is powered off.
4	Bluetooth function On/Off	a. Bluetooth on: The LED of Bluetooth will light blue. b. Bluetooth off: The LED of Bluetooth will be off.
5	Battery/Charge Display	a. Charging mode: Breathing LEDs. The LED of Battery/Charge will blink red like breathing in charging mode, and when the charging is completed, the LED will be green, and after 10s, it will be off. b. Show the battery level: Press Battery/Charge button, the LEDs will show the battery level clockwise, and the last LED will blink. After about 2s, all LEDs will be back to the last status. The quantity of LEDs shows battery level. c. Low power: The LED of Battery/Charge will blink (red) fast.
6	Volume+-	The LEDs will light white from the first LED

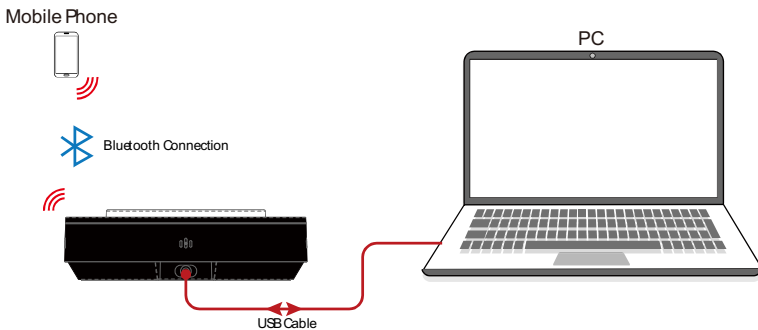
No	Status	Description
		<p>next to the Power button anticlockwise or clockwise, and the last LED will blink. After about 2s, All LEDs will be back to last status. The quantity of the lit LEDs shows the volume.</p> <ol style="list-style-type: none"> Decrease the volume: The quantity of the lit LEDs will decrease in anticlockwise direction. Increase the volume: The quantity of the lit LEDs will increase in clockwise direction. Decrease/Increase the volume continuously: Hold the Volume Down/Volume Up button, the quantity of the lit LEDs will decrease/increase continuously. When the volume is decreased/increased to the minimum/maximum value, the last LED will blink fast. After about 2s, all LEDs will be back to last status.
7	Answer Call/End Call	<ol style="list-style-type: none"> Calling status: The LEDs of Answer Call and End Call will blink blue when the source device makes a call or the source device receives the call. Answer calling: When the calling is connected, the LEDs of Answer Call and End Call will be off. <p>Note: This function is only available in Bluetooth mode.</p>

No	Status	Description
8	Showing Talker direction and Level	The LEDs will show the direction and mic level when the Mics receives the sound.

2.0 Connection

The speakerphone supports two methods to connect to source devices (such as PC, Macbook, mobile phone): USB and Bluetooth.

- **USB:** Connect the USB Type-C port of the device to the PC using the provided USB cable. Select the speakerphone as the default audio device in Windows Control Panel Sound Settings.
- **Bluetooth:** After the device is powered on, press the Bluetooth button to set Bluetooth function to on. Using the source device (such as Mobile phone) to find the name of the speakerphone to connect.



Note:

- The two methods can be connected at the same time.
- After the Speakerphone is connected to a computer via the USB cable, its speaker and mic can be detected by the system and specific application in the name of the following:

Speaker Name: iSpeaker M250

MIC Name: iSpeaker M250



- When the speakerphone is waiting for pairing with the computer or mobile phone through Bluetooth, the name can be found in the Bluetooth list is:

Bluetooth: iSpeaker M250



3.0 How to Use the Speakerphone

3.1 Basic Operations

3.1.1 Power On/Off

1. Power On:

- a. Connect to a USB device using the provided USB cable, the speakerphone will be powered on automatically. Power LED lights white, Battery/Charge LED blinks red like breathing (charging mode, when fully charged, it lights green).
- b. Press Power Button: Hold the Power button for about 2s. All LEDs blink white once like breathing, then Power LED lights white, other LEDs are off or Battery/Charge LED blinks red like breathing/lights green (when USB device is connected).

3.1.2 Power Off and Charging

- c. **Power Off:** Hold the Power button for about 2s, all LEDs will blink white once like breathing, and then off.
- d. **Charging:** When the speakerphone is connected to the active source via USB cable, the speakerphone will enter charging mode after it is powered off. The LED of Battery/Charge will blink red like breathing. When fully charged, the LED of the Battery/Charge will be green, after 10s, it will be off.

3.1.3 Bluetooth Connection

Power on the device according to the above steps. Press the



Bluetooth button to switch the on/off status of Bluetooth function, and the LED changes accordingly. When the Bluetooth function is set to on, the LED lights blue, otherwise, the LED is off.

1. **Bluetooth Function is set to on:** The speakerphone enters the pairing mode that can be found by the Bluetooth device. Set the Bluetooth of source device to on, find the name of the speakerphone on the list of Bluetooth device, click it to connect the source to the speakerphone.
2. **Bluetooth Function is set to off:** The current Bluetooth connection between the source and the speakerphone is broken, and the speakerphone can't be found by the Bluetooth enabled device.

Note: When there's no Bluetooth connection or the connection is inactive (the USB device is also disconnected), after 5 minutes, the speakerphone will be powered off automatically.

3.1.4 Battery Level

Press the Battery/Charge button, the LEDs (green) shows the battery level clockwise, the last LED will blink, and after 2s, the speakerphone will exit the status and back to last LEDs display status.

Note: If connect the speakerphone to the source via Bluetooth only, the LED of Battery/Charge will blink (red) fast when the battery level is less than 10%.

3.1.5 Mute/Unmute

After the speakerphone is powered on, press Mute button, the speakerphone enters Mute/Unmute mode:

1. In Mute mode, all LEDs light red, and the Mics are invalid.



2. In Unmute mode, all LEDs are back to last status, and the Mics are enabled.

3.1.6 Volume Up/Down

1. Press the Volume Up/Down buttons, the LEDs will light white and show the changes of volume clockwise/anticlockwise. And the volume of the source changes synchronously.
2. Hold the Volume Up/Down button continuously, the volume will be increased/decreased continuously, when the volume is increased/decreased to the limit value, the last LED will blink fast. After 2s, the speakerphone will exit the status and back to last LEDs display status.

Note:

1. If the speakerphone is connected to the source via USB cable only (or the last connected Bluetooth device has no active signal input), adjust the volume of the source device, the speakerphone's volume changes synchronously, and the LEDs (white) will show the change of the volume. When increase the volume, the quantity of the lit LEDs increases in clockwise direction, and decrease the volume, the quantity of the lit LEDs decreases in anticlockwise direction.
2. When the Bluetooth connection is successfully, the volume level of the speakerphone will change to 50%.

3.1.7 Answer Call/End Call

1. In USB mode (the Bluetooth is disconnected):
Answer Call and End Call are invalid.
2. In Bluetooth mode (USB connection is invalid):



- a. When the source device connected to the speakerphone makes a call to other device, the LEDs of Answer Call and End Call will blink blue, the Answer Call button is invalid, and you can click End call to end the calling. When the call is connected, the LEDs of Answer Call and End Call are off.
- b. When other device makes a call to the source device connected to the speakerphone, the LEDs of Answer Call and End Call will blink blue, you can press Answer/End button to connect/disconnect the call. The LEDs will be off when you press the button.

3.2 Connect both USB and Bluetooth

3.2.1 USB → Bluetooth

- a. Connect the speakerphone to the source using the USB cable provided, the speakerphone is powered on automatically.
- b. Connect to the source via Bluetooth according to connection steps:
 - 1) Bluetooth source is active: the speakerphone outputs the audio from Bluetooth channel.
 - 2) Bluetooth source is inactive: the speakerphone outputs the audio from USB channel.
- c. Disconnect or pause the Bluetooth source: Disconnect or pause the source connected via Bluetooth, the speakerphone will output the audio from USB channel.

3.2.2 Bluetooth → USB

- a. Power on the speakerphone and connect the speakerphone to the active source via Bluetooth



according to above steps. Connect the speakerphone to the active USB source via USB cable. The speakerphone will output the audio from the Bluetooth channel continuously.

- b. When pause or disconnect the Bluetooth source, the speakerphone will switch to output audio from USB source (If the USB source is also disconnected, after 5min, the speakerphone will be powered off).



4.0 Warranty

For the following cases we shall charge for the service(s) claimed for the products if the product is still remediable and the warranty card becomes unenforceable or inapplicable.

1. The original serial number labeled on the product has been removed, erased, replaced, defaced or is illegible.
2. The warranty has expired.
3. The defects are caused by the fact that the product is repaired, dismantled, or altered by anyone that is not from our authorized service partner. The defects are caused by the fact that the product is used or handled improperly, roughly, or not as instructed in the applicable User Guide.
4. The defects are caused by any force majeure including but not limited to accidents, fire, earthquake, lightning, tsunami, and war.
5. The service, configuration and gifts promised by salesman only but not covered by normal contract.
6. We preserve the right for interpretation of these cases above and to make changes to them at any time without notice.

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