



# MAXHUB BM31 Wireless Omnidirectional Microphone Instruction Manual

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# MAXHUB



**SONO**  
Wireless omnidirectional microphone



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## Safety Warnings and Precautions

### Be cautious of electric shock or fire!

- This device is not waterproof. Please keep it dry; if water enters the product, turn it off immediately and contact the customer service center. Follow the instructions from the customer service center for handling the device before using it again.
- Do not place this device and its accessories near open flames or other heat sources, including direct sunlight.
- Turn off the device before thunderstorm weather.

### Beware of Short Circuit or Fire!

Before connecting this device to a power outlet, please make sure the supply voltage matches the voltage value printed on the back or bottom of the product.

Do not connect the product to a power outlet if the voltages differ.

### Beware of Injury or Damage to This Microphone!

Do not place this device or any object on power lines or other electronic devices.

If transporting this product at temperatures below 5 °C, first unpack the product and wait for its temperature to reach room temperature before connecting it to a power outlet.

This product comes with sharp items, please handle with care to avoid injury to the user and to prevent scratching the product's exterior or damaging its internal components!

### Beware of Overheating!

Do not install this device in a confined space. Ensure there is at least 4 inches of distance around the product for ventilation.

### Take Care of the Product!

Clean this device only with a microfiber cloth.

### Take Care of the Environment!

This device is made from recyclable, high-performance materials and components. Do not dispose of this product with other household waste.

Please familiarize yourself with local regulations regarding the separate collection of electronic, electrical products, and batteries.

Proper disposal of these products helps avoid potential negative impacts on the environment and human health.

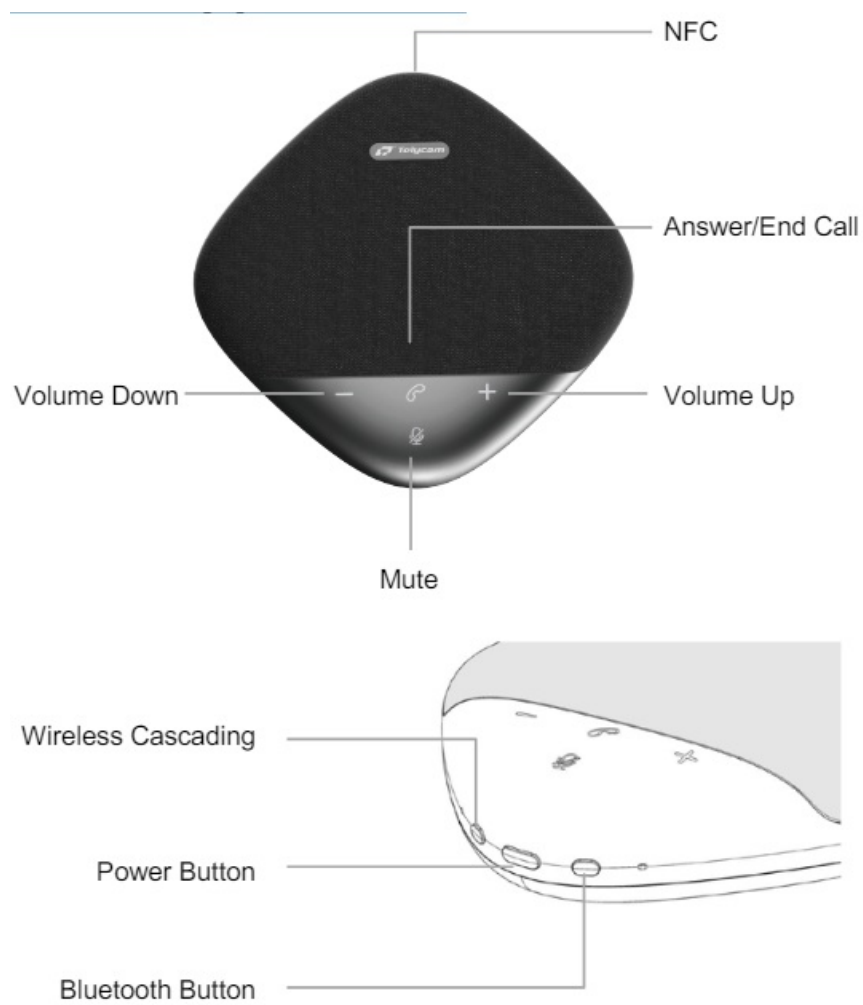
### Maintenance

Please contact professional service personnel for all repair services.

Do not insert any sharp objects into the interior of the device.

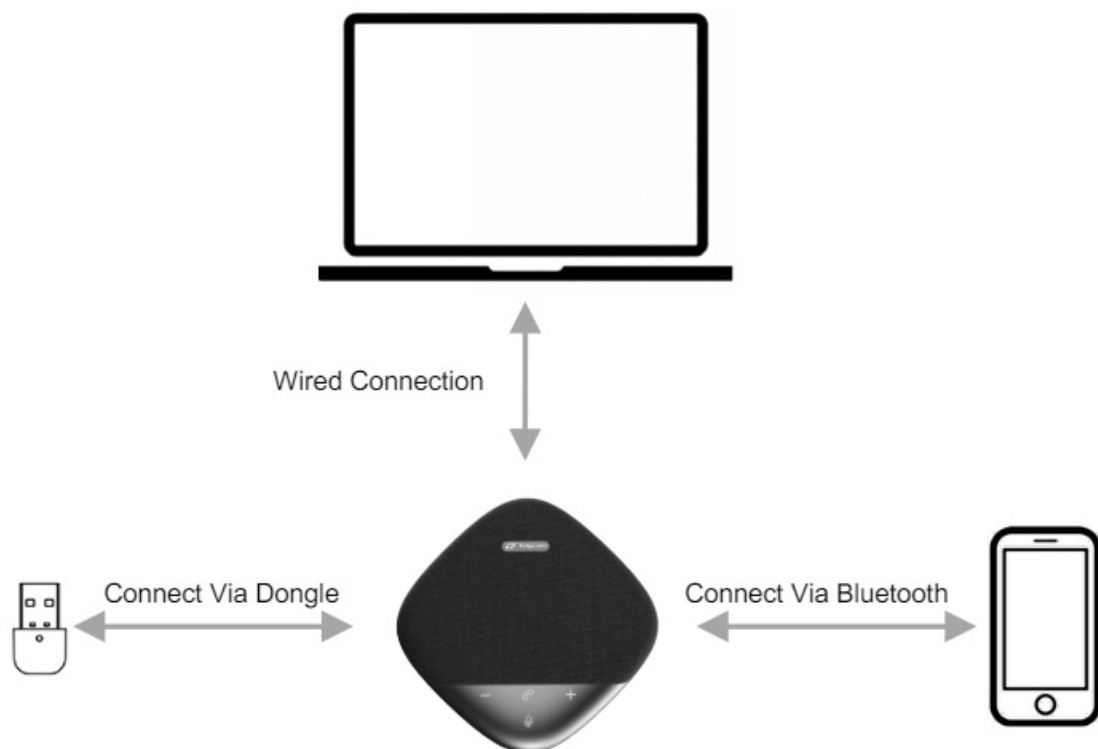
Do not drop or collide with this device to avoid damage.

## Product Appearance



## Connection Methods

### Supports Multiple Connections



### Supports simultaneous use of USB, Dongle, and Bluetooth

Supports USB and dual Bluetooth multi-channel data fusion, enabling three types of connections to work at the same time, thus supporting simultaneous access for multi-party conferences.

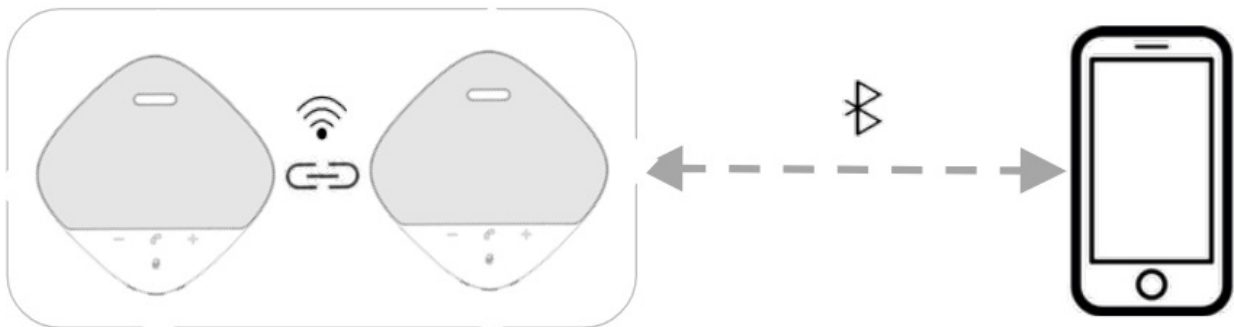
1. Connect the computer/conference tablet (Windows or Mac) to this device via USB cable.
2. Directly connect to this device using Bluetooth. The Bluetooth indicator light flashes, indicating that the device is in Bluetooth pairing mode. Turn on the Bluetooth function on your phone/other devices and select this device from the Bluetooth device list to connect. The Bluetooth name can be found on the nameplate at the bottom of this device (When connecting the conference tablet to the wireless omnidirectional mic speaker, it is necessary to use a USB Dongle to ensure Bluetooth connection stability).
3. Connect this device using a USB Dongle (supports Win7/8/10, MacOS).

The operation method is as follows:

Insert the USB Dongle into the computer's USB port (If using the USB Dongle to connect with the conference tablet, to ensure the best usage, please plug it into the USB port at the front of the conference tablet). The USB Dongle will automatically connect to the device (the USB Dongle is bound to a unique device).

If it's necessary to rebind the USB Dongle to a new omnidirectional wireless microphone, keep the USB Dongle and the wireless omnidirectional microphone within 3 meters of each other. Press and hold the Bluetooth button on the wireless omnidirectional microphone for 5-7 seconds when it is in the disconnected state to enter binding mode. After the binding is completed, the blue light on the USB Dongle will stay on. For subsequent connections to the same USB Dongle, the wireless omnidirectional microphone will automatically connect.

**Supports Dongle and Bluetooth states for dualdevice wireless cascading.**



**Note:** For cascading operations on devices, see Features/Settings.

**Note:** After connecting the wireless omnidirectional microphone to the computer/conference tablet, it is necessary to set this device as the default playback and recording device in the sound settings interface of the computer/conference tablet.

**Note:** This device can be quickly connected via the phone's 'NFC'.




1. Search for the NFC function in the phone's system settings and enable it.
2. Align the phone's NFC sensing area with this device and perform a tap.
3. The tapping time should be no less than 2 seconds; if tapping does not elicit any response, please try again.



### **Turning On/Off**

Long press the power button for 2 seconds to turn the device on or off.

### **Answering/Ending Calls (Only available when connected to a phone via Bluetooth)**

1. To answer an incoming call, press the “” button.
2. To hang up a call, press the “” button.
3. To reject an incoming call, press and hold the “” button for 3 seconds.

### **Microphone Mute/Unmute**

Press the microphone mute button briefly to mute or unmute the microphone. Red indicates the microphone is muted, and white indicates the microphone is active.

### **Volume Adjustment**

Press the volume “+” or “-” button to increase or decrease the volume, respectively.

### **Device Charging**

1. Charge the device using a USB cable connected to a power adapter.
2. When charging, the power indicator light flashes. When fully charged, the power indicator light stays on.

### **Checking Battery Level**

With the device turned on, press the power button briefly to check the current remaining battery level. When the light bar is fully lit, it indicates that the battery is fully charged; when the battery is low, the power indicator flashes red and a low battery warning sound is played.

### **Bluetooth Function**

1. Supports dual Bluetooth; Bluetooth 1 is a hidden hotspot, used only for Dongle connections; Bluetooth 2 is an open hotspot, for connecting to Bluetooth host devices such as phones, PCs, Pads, etc.
2. When Bluetooth is not connected, long press the Bluetooth button to turn Bluetooth on/off;
3. When Bluetooth is connected, long press the Bluetooth button to disconnect the current Bluetooth connection.

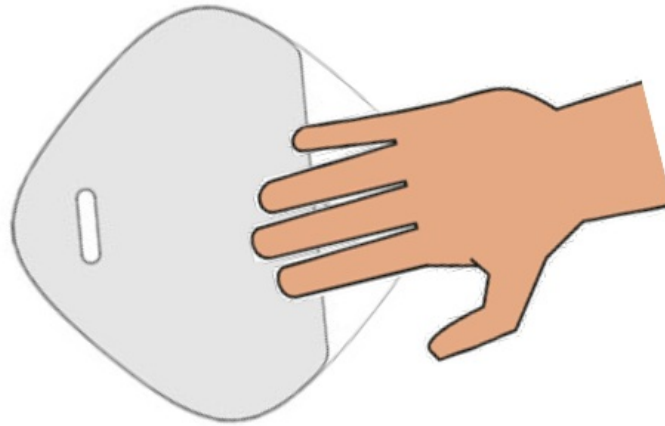
### **AI Noise Cancellation**

Long press the mute button for 2 seconds to activate AI noise cancellation (the mute indicator light turns from white to solid green, accompanied by a notification sound).

Long press again to deactivate AI noise cancellation (the mute indicator light turns from green to solid white, accompanied by a notification sound).

## Palm Mute Function

Covering all touch buttons with your palm activates the instant mute function.



## Common Features/Settings

**Note:** When performing wireless cascading pairing, please ensure both devices have Bluetooth enabled and are in an unconnected state in advance. After successful wireless cascading pairing, Bluetooth connection can be made through just one of the devices.

Common Features	Operation	Status
How to Connect a USB Dongle?	1. Insert the USB Dongle into the front USB port of the display device. 2. Long press the Bluetooth button for 5-7 seconds to enter Dongle pairing mode.	During pairing: The blue light flashes. Pairing successful: The blue light stays on.
How to Turn Off Bluetooth?	Long press the Bluetooth button for 2 seconds	Bluetooth Shutdown: The white light stays on.
How to Pair for Wireless Cascading?	Long press the cascading button on both devices for 2 seconds	During pairing: The green light flashes. Pairing successful: The green light stays on.
How to Turn Off Wireless Cascading Pairing?	Long press the cascading button on both devices for 2 seconds	Cascading Shutdown: The white light stays on
How to Disconnect After Bluetooth Connection?	Long press the Bluetooth button for 2 seconds	Bluetooth Disconnection: The blue light flashes.
Other Functions of the Bluetooth Button	Single click the Bluetooth button	Play/pause music

## Frequently Asked Questions

Common Issues and Solutions.

Problem	Possible Cause	Solution
Can't power on	Battery too low or depleted	Connect to a power adapter
Powers on then shuts down quickly	Insufficient battery	Connect to a power adapter
No sound	Incorrect connection; Volume not turned on	Select the correct audio input; Adjust the device volume
USB call not working	Wrong USB cable used	Use the original USB cable provided with the product
Button not working	Accidental button press	Long press the power button for 8 seconds to reset the system
Device not charging	Charging device malfunction or battery fully charged	Replace with a working charging device

## Names and Contents of Hazardous Substances in the Product

Component Name	Hazardous substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
PCB Components	X	0	0	0	0	0
Metal Components	X	0	0	0	0	0
Plastic Components	0	0	0	0	0	0
Label	0	0	0	0	0	0
Antenna	X	0	0	0	0	0
Cable	X	0	0	0	0	0
Battery	0	0	0	0	0	0

This table follows SJ/T 11364 guidelines.

○: Hazardous substance levels in all parts of the component are below GB/T 26572 limits.

×: At least one part of the component has hazardous substance levels exceeding GB/T 26572 limits.



### Notes:

Includes PCBs, their components, and solder points.


Product's eco-friendly usage period is 10 years, with variations for some parts, indicated separately on each.


The eco-friendly usage limit applies under specified conditions in the product instructions.



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## Wireless omnidirectional microphone

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## Documents / Resources

	<p><a href="#">MAXHUB BM31 Wireless Omnidirectional Microphone</a> [pdf] Instruction Manual BM31 Wireless Omnidirectional Microphone, Wireless Omnidirectional Microphone, Omnidirectional Microphone, Microphone</p>
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## References

- [User Manual](#)

### Manuals+, [Privacy Policy](#)

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