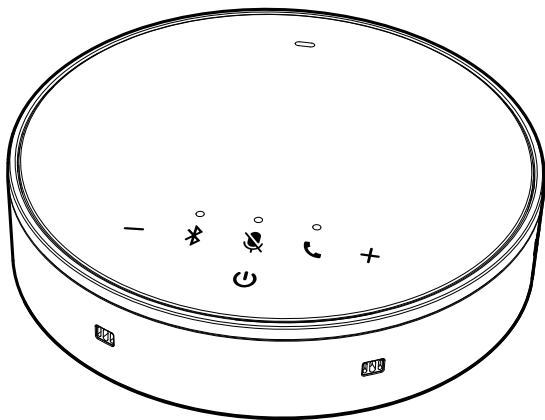


2-in-1 Bluetooth & USB Conference Speakerphone

Quick Start Guide



Please read this guide before using the product

Introduction

Thank you for choosing the AB03 speakerphone. Perfect for placement in huddle spaces or medium-sized meeting rooms, it delivers immersive sound for both calls and music, ensuring crystal-clear communication. With intuitive call controls and seamless USB and Bluetooth connectivity, the AB03 simplifies audio management, elevating your video meetings and personal chats with exceptional performance.

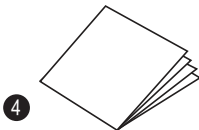
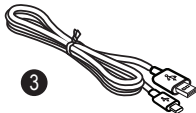
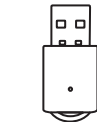
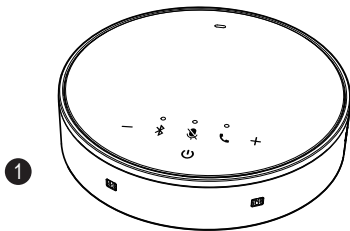
Specification

Model No.:	AB03
Type:	360° Omnidirectional speakerphone
Microphone:	Build-in 6-Microphone array
Sensitivity:	-27dBFS
Frequency Range:	20Hz-20kHz
Signal-to-noise ratio:	64.5dB(A)
Pickup distance:	Max. up to 3 meters sound pickup
Connectivity:	USB Type-C for charging and connecting to PCs Bluetooth 5.0 supports wireless connections with IFPDs, laptops, and mobile devices
Speaker:	5W
DSP:	Acoustic echo cancellation / Noise Reduction
Buttons:	6 keys (Power, Speaker mute/unmute, Volume +, Volume -, Bluetooth, Answer/End Phone Call)
Power:	5V / 1A (Powered by USB Type-C)
Battery:	Build-in High Capacity Rechargeable Battery (Up to 8 hours talk time)
Support OS:	Windows / MacOS / Android
Dimension:	134 x 134 x 36.2 mm
Weight:	Approx. 370 g

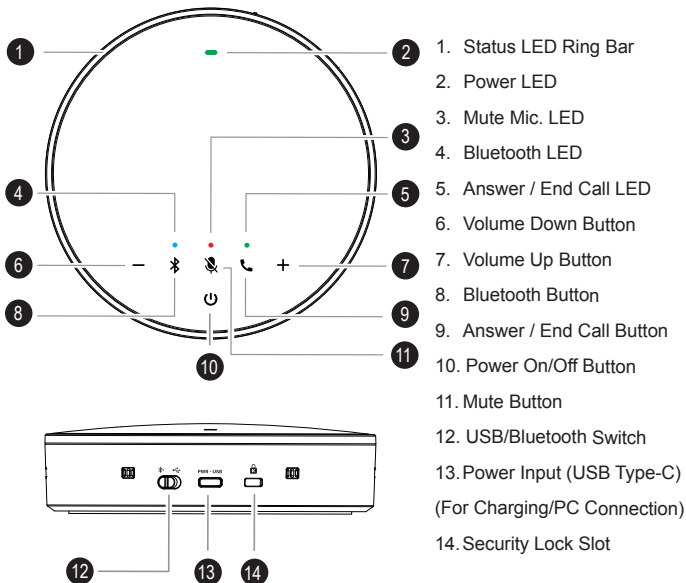
Package Contents

Before using this product, ensure the following items are included in the package. If any item is missing, please contact the retailer where the product was purchased.

1. AB03 Speakerphone
2. Bluetooth Dongle
3. USB Cable
4. Quick Start Guide

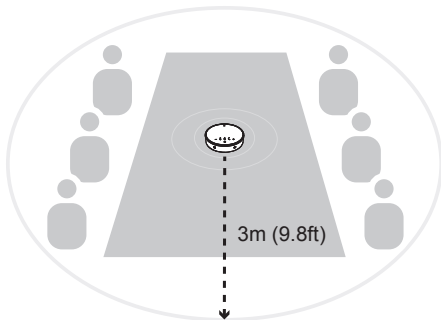


Product Overview





Placing the Speakerphone in the meeting room

- Place the speakerphone at the center of the table.
- The AB03 provides optimal in-room coverage for up to 6 participants, with a range of up to 3m (9.8ft) from each person.



Setting Started

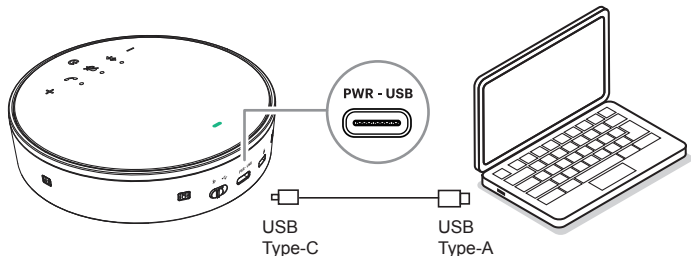
Powering On/Off the Speakerphone

- To Power On: Press and hold the Power button  for 3 seconds.
- To Power Off: Press and hold the Power button  for 3 seconds.

Note: To conserve battery life, the speakerphone will automatically power off after **5 minutes** when unplugged.

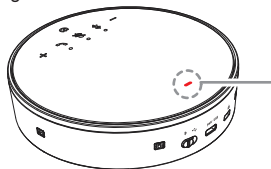
How to charge

- **USB Charging:** Plug one end of the supplied USB cable into the speakerphone's USB Type-C port and the other end into a USB power source.
- **Battery Life:** The battery offers up to 8 hours of wireless use when fully charged.



Battery status

The Power LED will flash to indicate the battery status. If the battery is critically low, the LED will flash red. When the battery is fully charged, the Power LED will emit blue light.



Low Battery: Red LED flashes.



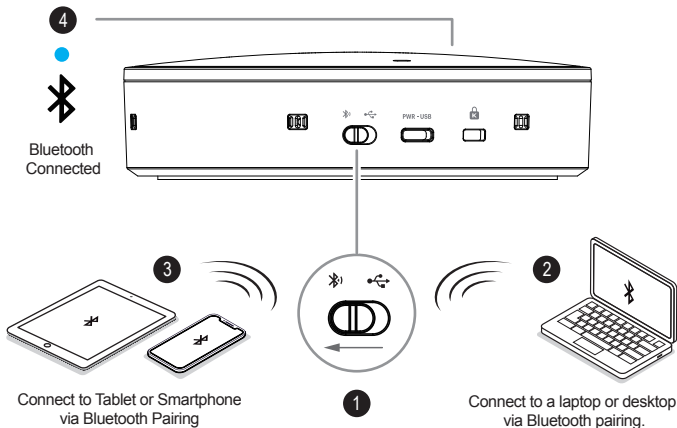
Battery Charging: Yellow LED flashes.



Full Battery: LED remains solid blue.

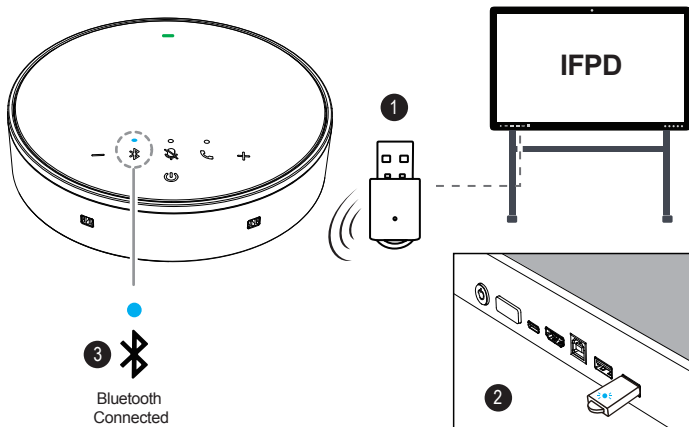
Bluetooth Connection

1. Switch to Bluetooth Connection Mode.
2. **For laptop or desktop:** Ensure Bluetooth is turned on, then navigate to the Bluetooth settings on your device and select **AB03** device to pair.
3. **For Tablet or Smartphone:** Open the Bluetooth settings on your device and ensure Bluetooth is enabled. In the available devices list, select **AB03** to pair.
4. When the device successfully connects via Bluetooth, the blue light will illuminate.



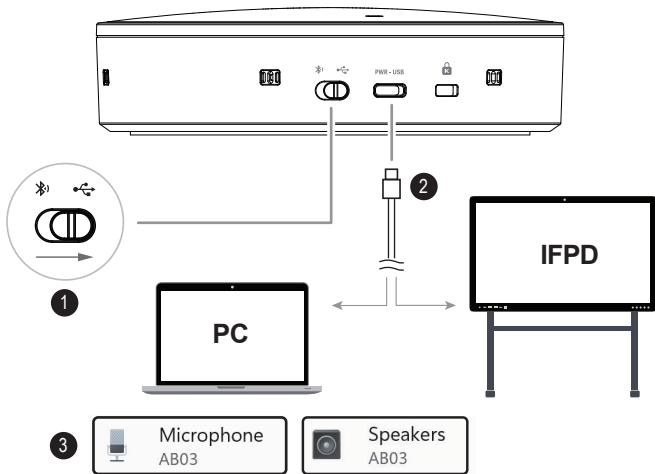
Bluetooth Dongle Connection for IFPD

1. Plug the supplied Bluetooth dongle into a USB port on your Interactive Flat Panel.
2. Plug-and-play functionality is supported when the device is powered on.
3. Once the Bluetooth dongle is successfully connected, the Bluetooth Status indicator will emit a blue light.



USB Connection

1. Switch to **USB Connection Mode**.
2. Connect the supplied USB cable to the speakerphone's **Type-C** port and plug the other end into the USB port of your PC or Interactive Flat Panel Display (IFPD).
3. Set the input and output device to **AB03** in your PC or IFPD sound settings.

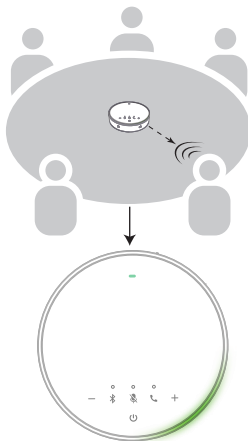
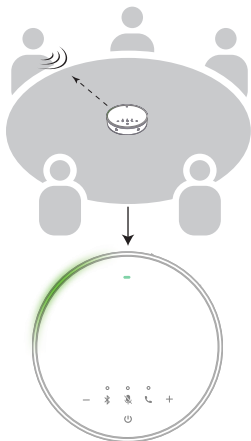


AI Sound Tracking








The AB03 speakerphone features AI-powered sound tracking. When a speaker's voice is detected, the LED Ring Bar dynamically lights up green to indicate the speaker's location. This feature enhances the meeting experience by visually showing the direction of the active speaker's voice and improving sound pickup performance.







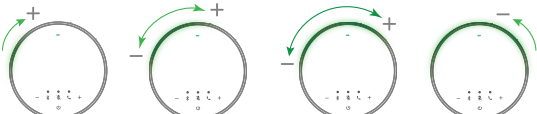
How It Works:

The LED Ring Bar lights up green in real-time to track and display the location of the person speaking.



Description of Function Buttons and LED Indicators

Button	Description
 	<p>Power Button</p> <p>Press and hold for 3 seconds to power on or off the device. Press and hold the power button for over 8 seconds to force shutdown in case of system unresponsiveness.</p> <p>LED Status:</p> <ul style="list-style-type: none"> • Power On: All LEDs light up in white, followed by a green LED ring rotating clockwise twice. Once ready, the LED turns solid green. • Power Off: All LEDs flashes 3 times clockwise before turning off. • Low Battery: Red LED flashes.
 	<p>Bluetooth Button</p> <p>One Press to disconnect and enable Bluetooth pairing. Note: Bluetooth connection not working when the battery is low.</p> <p>LED Status:</p> <ul style="list-style-type: none"> • Bluetooth Paring Mode: LED ring bar flashes blue. • Disconnected: LED flashes blue. • Bluetooth Connected: LED remains solid blue. 
 	<p>Mute Button</p> <p>Short Press to mute and unmute the microphone. Press and hold to enable AI Noise Cancellation.</p> <p>LED Status:</p> <ul style="list-style-type: none"> • Mute: Red LED remains solid. • AI Noise Cancellation: Blue LED remains solid.

Button	Description
   	<p>Answer/End Phone Call Button One press to answer or end a call.</p> <p>Note: <i>The Answer Call Button works only when connected to a smartphone.</i></p> <p>LED Status:</p> <ul style="list-style-type: none"> • Incoming Call: Blue LED flashes rapidly. • Active Call: Green LED remains solid. • Call Ended: LED turns off.
 	<p>Volume Up One press to increase the volume.</p> <p>Volume Down One press to decrease the volume.</p> <p>LED Ring Bar Status:</p> <ul style="list-style-type: none"> • Volume Up: Green LED ring lights up progressively in a clockwise direction. • Volume Down: Green LED ring turns off progressively in a counterclockwise direction. <div data-bbox="211 708 946 864">  </div>

Regulatory Notices

Operating Ambient Temperatures


- Operating Temperature: 32–104°F (0–40°C)
- Relative Humidity: 20%–85%, noncondensing
- Storage Temperature: -22–160°F (-30–70°C)

The following circumstances are excluded from warranty coverage:

- Product damage caused by catastrophes, lightning strikes, faulty electric power, and environmental factors.
- Defacement of product labeling (label alterations and falsification, missing serial numbers, serial numbers no longer discernible, or invalid serial numbers). All serial numbers are recorded and tracked for warranty purposes.
- Unauthorized changes to non-parts, modifications or alterations, or removal of parts from the products.
- Damage caused by operator error or failure to comply with user manual instructions, such as improper storage resulting in the product getting wet, corrosion, falling, being squeezed, or exposure to inadequate temperature/humidity environments.
- Accessories or packing materials such as boxes, user manuals, etc.

Safety & Environmental Information

Federal Communications Commission Statement (Class B)

 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment 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 instruction manual, 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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate the equipment.

Safety & Environmental Information

CE Class B (EMC)



This product is herewith confirmed to comply with the requirements set out in the Council Directives on the Approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive 2014/30/EU.

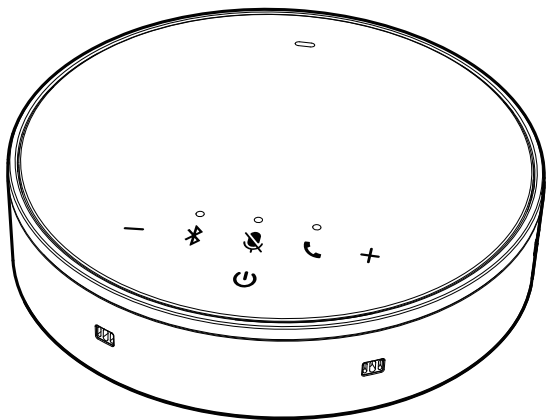


This symbol on a product or on its packaging indicates that the product must not be disposed of with other household waste. Instead, it is your responsibility to ensure disposal of waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment usually at a Local Amenity Site. The proper recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

AB03

蓝牙 / USB 二合一会议拾音器

快速入门指南



介绍

感谢您选择 AB03 会议拾音器，AB03 是专为会议场景设计，适用于 小型会议室或中型会议空间，确保语音沟通清晰、顺畅。其高性能扬声器可提供 沉浸式音效，让远程会议更具临场感。AB03 具备 直观的通话控制，支持 蓝牙 / USB 二合一连接，实现 无缝对接 IFPD、PC、笔记本等设备。无论是企业会议、远程协作还是混合办公，AB03 都能帮助您轻松管理音频，为您的视频会议和团队沟通 提供出色的拾音体验。

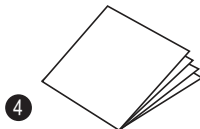
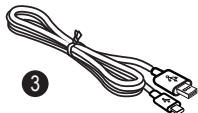
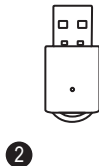
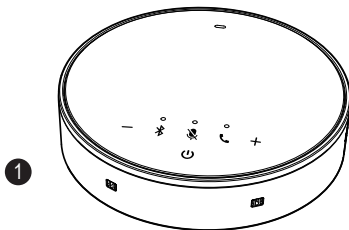
规格

型号：	AB03
类型：	360°全向麦克风
麦克风：	内置 6 麦克风阵列
灵敏度：	-27dBFS
频率范围：	20Hz-20kHz
信噪比：	64.5dB(A)
拾音距离：	最大拾音范围可达 3 米
连接性：	USB Type-C，用于充电和连接 PC 蓝牙 5.0 支持与 IFPD、笔记本电脑和移动设备的无线连接
扬声器：	5W
DSP：	声学回声消除 / 降噪
按钮：	6 个键（电源、扬声器静音 / 取消静音、音量 +、音量 -、蓝牙、接听 / 挂断电话）
电源：	5V / 1A（由 USB Type-C 供电）
电池：	内置高容量可充电电池（通话时间长达 8 小时）
支持操作系统：	Windows / MacOS / Android
尺寸：	134 x 134 x 36.2 毫米
重量：	约 370 克

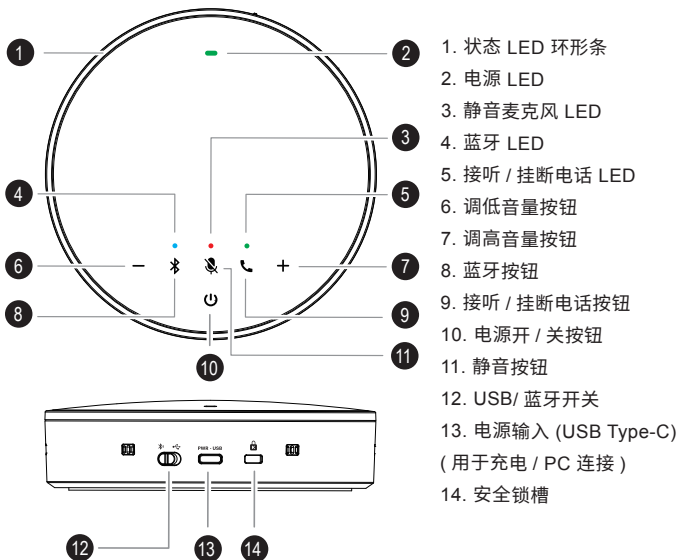
包装内容

使用本产品前，请确保包装内包含以下物品。如有任何物品缺失，请联系购买产品的零售商。

1. AB03 会议拾音器
2. 蓝牙接收器
3. USB 线
4. 快速入门指南

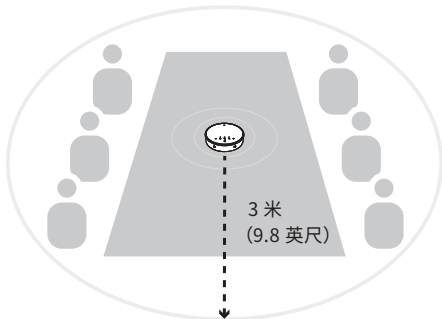


产品概述





将拾音器放置在会议室中

- 将会议拾音器放在桌子中央。
- AB03 可覆盖会议室内最多 6 名或以上的参与者，拾音范围最远达 3 米，确保清晰的语音捕捉与高质量会议体验。



开始设置

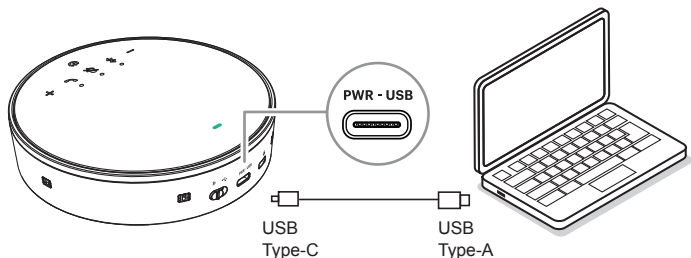
打开 / 关闭拾音器

- 开机：按住电源按钮  3 秒钟。
- 关机：按住电源按钮  3 秒钟。

注意：为节省电池寿命，拔下电源后 5 分钟拾音器将自动关机。

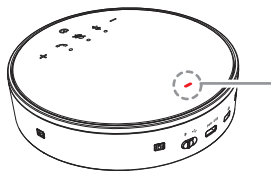
如何充电




- **USB 充电：**将随附的 USB 线的一端插入拾音器的 USB Type-C 端口，另一端插入 USB 电源。
- **电池寿命：**电池充满电后可提供长达 8 小时的无线使用时间。



电池状态

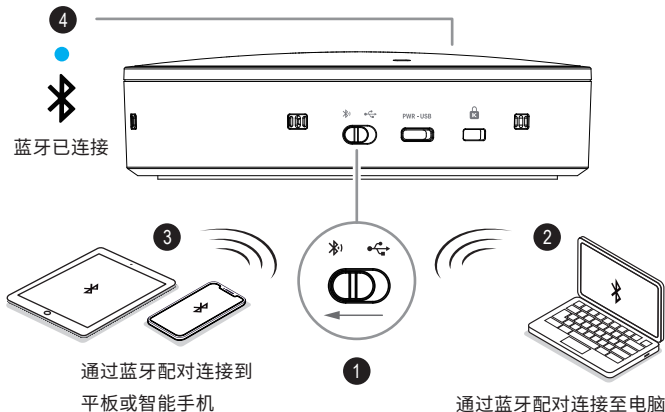
电源 LED 将闪烁以指示电池状态。如果电池电量极低，LED 将闪烁红色。当电池充满电时，电源 LED 发出蓝光。



-  电池电量低：红色 LED 闪烁。
-  电池充电：黄色 LED 闪烁。
-  电池充满电：LED 保持常亮蓝色。

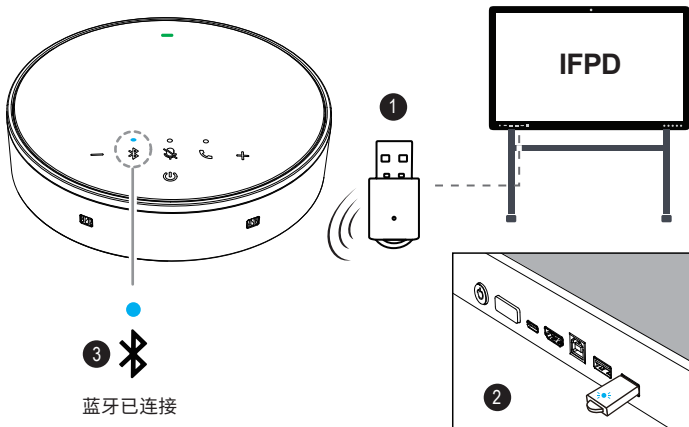
使用蓝牙连接移动装置及电脑

1. 切换到蓝牙连接模式。
2. 对于 PC：确保蓝牙已打开，然后开启设备上的蓝牙设置并选择 AB03 设备进行配对。
3. 对于平板电脑或智能手机：打开设备上的蓝牙设置并确保蓝牙已启用。在可用设备列表中，选择 AB03 进行配对。
4. 当设备通过蓝牙成功连接时，蓝灯将亮起。



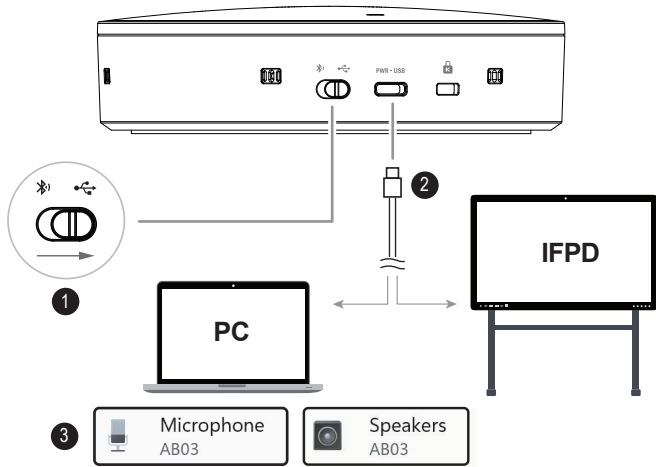
使用蓝牙接收器连接交互式平板

1. 将随附蓝牙接收器插入交互式平板显示器的 USB 端口。
2. 设备通电后支持即插即用功能。
3. 蓝牙接收器成功连接后，蓝牙状态指示灯发出蓝光。



使用USB 连接

1. 切换到 USB 连接模式。
2. 将提供的 USB 电缆连接到拾音器的 Type-C 端口，并将另一端插入 PC 或交互式平板显示器 (IFPD) 的 USB 端口。
3. 在 PC 或 IFPD 声音设置中将输入和输出设备设置为 AB03。

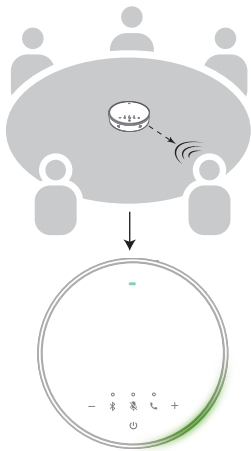
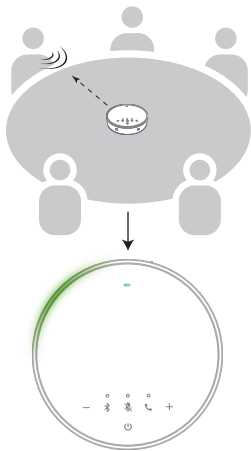


AI语音追踪







AB03 拾音器具有 AI 驱动的声音跟踪功能。当检测到发言人的声音时，LED 环形条会动态亮起绿色以指示发言人的位置。此功能通过直观地显示当前发言人声音的方向并提高拾音性能来增强会议体验。





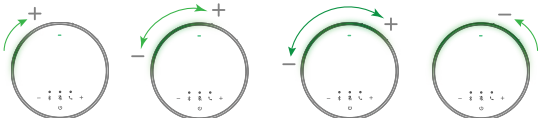
如何显示：

LED 灯环会根据会议讲话者的声音进行定位，并亮起绿灯指示发言方向。



功能按钮及指示灯说明

按钮	描述
 	<p>电源按钮:</p> <p>按住 3 秒钟可打开或关闭设备。</p> <p>拾音器若无响应或出现故障问题时,可尝试长按电源键超过8秒是强制关机。</p> <p>LED 状态:</p> <ul style="list-style-type: none">• 开机:所有 LED 亮起白色,然后绿色 LED 环顺时针旋转两次。 准备就绪后,LED 变为常亮绿色。• 关机:红灯全亮顺时针旋转闪耀3次,然后熄灭。• 电池电量低:红色 LED 闪烁。
 	<p>蓝牙按钮</p> <p>按一下即可断开连接并启用蓝牙配对。</p> <p>注意:电池电量低时蓝牙连接不起作用。</p> <p>LED 状态:</p> <ul style="list-style-type: none">• 蓝牙配对模式:LED 灯环闪烁蓝光。• 断开连接:LED 闪烁蓝光。• 蓝牙连接:LED 保持常亮蓝光。 
 	<p>静音按钮</p> <p>短按可使麦克风静音或取消静音。</p> <p>按住可启用 AI 降噪。</p> <p>LED 状态:</p> <ul style="list-style-type: none">• 静音:红色 LED 保持常亮。• AI 降噪:蓝色 LED 保持常亮。

按钮	描述
   	<p>接听/结束通话按钮</p> <p>按一次即可接听或结束通话。</p> <p>注意：接听电话按钮仅当连接到智能手机来电时才有效。</p> <p>LED 状态：</p> <ul style="list-style-type: none"> • 来电：蓝色 LED 快速闪烁。 • 通话中：绿色 LED 保持常亮。 • 通话结束：LED 熄灭。
<p>+</p> <p>—</p>	<p>调高音量</p> <p>按一次即可增加音量。</p> <p>降低音量</p> <p>按一次可降低音量。</p> <p>LED 灯环状态：</p> <ul style="list-style-type: none"> • 调高音量：绿色 LED 灯环以顺时针方向逐渐亮起。 • 调低音量：绿色 LED 灯环以逆时针方向逐渐熄灭。 

保修条例

工作环境温度

- 工作温度: 32–104°F (0–40°C)
- 相对湿度: 20%–85%, 无凝结
- 存储温度: -22–160°F (-30–70°C)

以下情况不属于保修范围:

- 因灾难、雷击、电力故障和环境因素造成的产品损坏。
- 产品标签污损 (标签更改和伪造、序列号缺失、序列号无法辨认或序列号无效)。
所有序列号均会记录和跟踪, 以用于保修目的。
- 对非零件进行未经授权的更改、修改或改动, 或从产品中移除零件。
- 因操作员错误或未遵守用户手册说明而造成的损坏, 例如不当存储导致产品受潮、腐蚀、跌落、挤压或暴露在温度/湿度不适宜的环境中。
- 配件或包装材料, 如盒子、用户手册等。

安全及规范

- 本产品符合中国国家标准 CCC 认证规范, 请安心使用。
- 本产品上有此标志表示电子或电器设备使用寿命结束后, 必须将它和一般庭废弃物分开处理。请积极支持节约能源和环境保护, 依照当地资源回收的分类方式回收。

