

BOYA A16

- Quick Start Guide
- 快速操作指南
- Guía de inicio rápido
- Schnellstartanleitung
- Guide de démarrage rapide
- Guida rapida all'avvio
- クイックスタートガイド
- Руководство по быстрому началу

Thank you for choosing BOYA!
Please read this manual carefully before use. Strictly follow the instructions for operation and storage. Keep this manual for future reference. If you require further assistance, please contact your retailer or email us at: sales@boya-mic.com

感谢您选择 BOYA!
请在使用前仔细阅读本手册，并严格按照说明进行操作和存储。请妥善保管好说明书，以供将来参考。如果用户手册不能帮助您解决某些问题，请向零售商寻求帮助或给我们发送电子邮件: sales@boya-mic.com

- Cautions
1. Do not use the product underwater or expose it to rain. Store it in a cool, dry place.
2. Use and store the product at room temperature. Avoid frequent movement between hot and cold environments. Keep away from heat sources such as heaters and ovens.
3. Keep the product away from dust and moisture during use and storage.
4. Avoid harsh impacts and collisions.
5. Do not place the microphone close to speakers to prevent audio feedback.
6. For optimal pickup performance, do not cover the microphone with your hand.

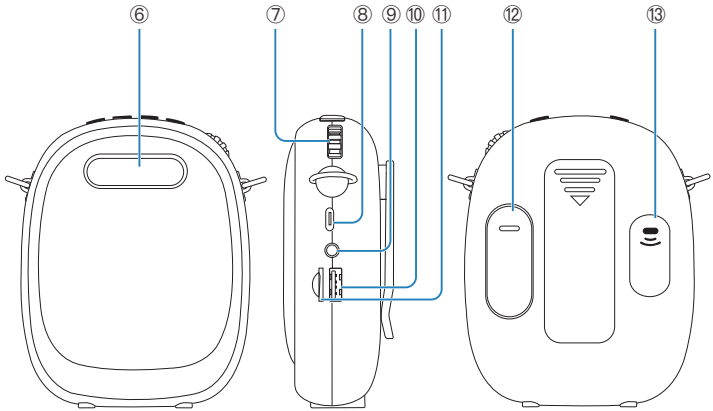
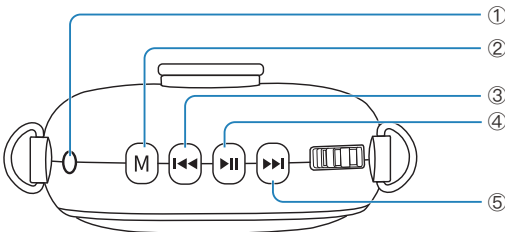
- 注意事项
1. 不要在水下使用本机，不要将其暴露在雨中。请存放在阴凉干燥处。
2. 请在常温下使用并保存。不要频繁地将其从过热状态移至过冷状态，并远离热源，如加热器、烤箱或其他产生热量的设备。
3. 在使用和储存时，请注意防尘和防潮。
4. 小心避免猛烈的碰撞。
5. 为避免声音反馈，请勿将麦克风对准音响的喇叭。
6. 为获得最佳拾音模式，请勿将手放在麦克风上。

The BOYA A16 is a portable public address system designed specifically for teachers, tour guides, sales associates, and similar professionals. It combines electroacoustic and digital audio technologies to deliver exceptional sound quality and effective feedback suppression. Equipped with a high-efficiency power amplifier, it delivers an output power of up to 10W. The sound is clear and loud, featuring high-fidelity tone, a wide frequency response, extremely low distortion, stable performance, low noise, and low power consumption. It has been upgraded with a wireless lavalier microphone that charges automatically when attached to the speaker, eliminating the hassle of separate charging. With an attractive, streamlined design, it is easy to carry and simple to operate, making it suitable for teaching, outdoor speeches, public announcements, and other occasions.

BOYA A16 是专为教师、导游、导购等人员使用而设计的便捷式扩音器，综合应用电声技术和数字音频技术，展现极佳的音质和啸叫抑制能力；采用高效率的功率放大器，输出功率可达 10W。声音清晰洪亮具有高保真音色、频率响应宽广、极低的失真度、性能稳定、低噪音、低功耗等特点。升级采用无线领夹麦，收纳时搭载音响自动充电，告别单独充电烦恼。外观设计美观流畅，携带方便，操作简单，适用于教学、户外演讲、公众传播等场合。

Product Overview / 产品概览

Speaker / 音响部件

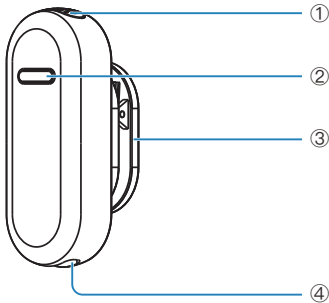


- ① MIC Jack: Insert a wired microphone with a 3.5mm TRS connector to pick up audio.
MIC 接口: 插入 3.5mm TRS 接头的有线麦即可进行收音
- ② Mode Switch: Short press repeatedly to cycle through Bluetooth, TF card, USB, and AUX playback modes.
模式切换: 循环单击可进行切换蓝牙模式、TF 卡模式、USB 模式、AUX 模式播放；
- ③ Previous Track/Rewind: Short press to skip to the previous track; long press to rewind. (Applicable only in TF card and USB modes)
上一曲/快退: 短按切换上一曲目，长按快退。（仅适用于 TF 卡、USB 模式）
- ④ Play/Pause: Press briefly once to pause playback; press briefly again to resume playback.
播放/暂停: 短按一次暂停播放，再次短按退出暂停并恢复播放状态；
- ⑤ Next Track/Fast Forward: Press once to skip to the next track; press and hold to fast forward (only applicable in TF card and USB modes).
下一曲/快进: 单击切换下一曲目，长按快进（仅适用于 TF 卡、USB 模式）；
- ⑥ Display: Shows the current playback mode, track information.
显示屏: 显示当前播放模式、曲目信息；
- ⑦ Power/Volume Control Knob:
- Turn upward to turn on the power; continue turning to increase the volume until it reaches maximum;
- Turn downward to decrease the volume to mute; continue turning to turn off the power.
开关机/音量调节旋钮:
-向上转动打开电源开关，继续转动加大音量，直至最大音
-向下转动减小音量至静音，继续转动关闭电源；
- ⑧ Charging Port: Connect a charger using a Type-C charging cable.
充电接口:使用 TYPE-C 充电线连接充电器；
- ⑨ AUX Port: Connect external devices via a 3.5mm cable to play audio files from those devices.
AUX 接口:通过 3.5mm 连接线连接外部设备，用于外部设备播放音频文件
- ⑩ USB Drive Port: Insert a USB drive containing music files to play music or store recordings.
U 盘接口: 插入储存有音乐文件的 U 盘用于播放音乐/存储录音
- ⑪ TF Card Slot: Insert a TF card containing music files to play music or store recordings.
TF 卡接口: 插入储存有音乐文件的 TF 卡用于播放音乐/存储录音
- ⑫ Transmitter Charging Dock: The dock contains metal contacts; place the transmitter inside to charge it directly.
发射器充电仓: 仓内设有金属触点，放入发射器后可直接充电
- ⑬ Clip Storage Case: Safely stores the clip to prevent physical damage or loss.
领夹收纳仓: 安全收纳背夹，防止物理损坏或遗失

Speaker Screen Display / 音响屏幕显示

Function / 功能	Screen Display / 屏幕显示	Voice Prompts / 语音提示
Power On / 开机	HI	Double beep / 嘟嘟
No Bluetooth Connection 未连接蓝牙	Blue flashing / BLUE 闪烁	Double beep / 嘟嘟
Bluetooth Connected 成功连接蓝牙	Static blue / BLUE 常亮	Double beep / 嘟嘟
Transmitter Connected 成功连接发射器	None / 无	Beep / 滴滴
TF Card Mode TF 卡模式	SD	Double beep / 嘟嘟
USB Mode / USB 模式	USB	Double beep / 嘟嘟
AUX Mode / AUX 模式	AUX	Double beep / 嘟嘟
Charging / 充电中	Static white charging icon 白色充电图标常亮	/
Fully Charged / 充满电	White charging icon off when powered off and fully charged 关机充满电，白色充电图标 熄灭	/
Low Battery / 低电量	White battery icon flashing 白色电量图标闪烁	/

Microphone / 麦克风部件



① Microphone Port: Captures voice from the top microphone port.
拾音口: 人声从顶部麦克风孔收音

② Indicator:
- Press and hold this button for 2 seconds to turn the device on or off; the blue indicator light will flash when powered on.
- Tap the button to toggle mute; the the blue indicator light flashes slowly in mute mode. when muted.

开关机按键/静音按键/指示灯:
-长按该按键 2S 开机/关机, 开机后蓝色指示灯闪烁
-单击按键开启/关闭静音, 静音后蓝色指示灯慢闪

③ Clip: Allows the transmitter to be clipped onto a collar for use; remove the clip to store it in the compartment on the back of the speaker.

背夹: 可将发射器夹持在衣领上佩戴使用, 取下背夹可放入音响背面的收纳仓存放

④ USB-C charging port
USB-C 充电口

Transmitter Indicator / 发射器指示灯

Function / 功能	Indicator / 指示灯
Not Connected / 未连接	Blue light flashing / 蓝灯闪烁
Connected / 连接成功	Static blue / 蓝灯常亮
Muted / 静音	Blue light flashing slowly / 蓝灯慢闪
Charging / 充电中	Static red / 红灯常亮
Fully Charged / 充满电	Red light off / 红灯熄灭
Low Battery / 低电量	Blue light rapid cycling / 蓝灯循环快闪

Note: The transmitter will automatically power off when a Type-C charging cable is plugged in or when placed in the charging case.
注意: 发射器插入 Type C 充电线或放入充电仓充电时会自动关机

Operation Guide / 操作指引

1. Wireless Amplification

Pairing the Transmitter with the Speaker:

- ① Turn on the speaker.
- ② Remove the transmitter from the speaker. Once the transmitter powers on automatically, the indicator light will flash blue slowly. After successfully connecting to the speaker, the blue light will remain static, and the speaker will emit a “beep” sound.

2. Wired Amplification

- ① Insert the 3.5mm microphone plug into the microphone input jack.
- ② Turn on the speaker’ s power switch and adjust the volume knob to the desired level to begin use.

3. Bluetooth Functionality

- ① Turn on the speaker’ s power switch to put the speaker into “discoverable” mode.
- ② Turn on your phone’ s Bluetooth. In the Bluetooth settings, select the “Search for Devices” option and choose “BOYA A16” to pair.

4. Using the MP3 Function

- ① After turning on the speaker, insert a TF card or USB drive. Briefly press the “M” button to switch playback modes.
- ② Once audio is playing, briefly press the “⏮” button to skip to the previous track; hold it down to rewind the current track; briefly press the “⏭” button to skip to the next track; hold it down to fast-forward the current track.
- ③ Press the “⏸” button briefly to play/pause.

5. AUX Mode

Connect an external device to the speaker using a 3.5 mm TRS to 3.5 mm TRS cable, and the audio from the external device will be transmitted to the speaker for playback.

6. How to Wear

The transmitter can be attached to clothing using the back clip or clipped onto clothing for use.

1、无线扩音

发射器和音响配对:

- ① 将音响开机
- ② 从音响取出发射器, 发射器自动开机后指示灯蓝灯慢闪; 与音响连接成功后蓝灯常亮, 音响发出“滴滴”提示音。

2、有线扩音

- ① 将 3.5mm 的麦克风插头插入麦克风输入孔内
- ② 打开音响电源开关, 调整旋钮到适当音量即可使用。

3、蓝牙功能

- ① 打开音响电源开关, 使扩音器处于“可被搜索”的状态

- ② 打开手机蓝牙, 在蓝牙界面可以看到“搜索设备”的选项, 选择“BOYA A16”进行配对。

4、MP3 功能使用

- ① 音响开机后, 任意插入 TF 卡 或 U 盘, 短按“M”键切换播放方式;
- ② 音频播放后, 短按“⏮”按键, 跳转上一个曲目播放, 长按可快退当前曲目; 短按“⏭”按键, 跳转下一个曲目播放, 长按可快进当前曲目;
- ③ 短按“⏸”按键播放/暂停。

5、AUX 模式

将外部设备通过 3.5 mm TRS 转 3.5mm TRS 线连接扩音器, 外部设备的音源即可传输到扩音器播放。

6、如何佩戴

发射器可将背夹吸附在衣服上, 也可夹在衣服上使用。

Specifications / 参数说明

Product Model: BOYA A16
Microphone Type: Condenser Microphone
Microphone Sensitivity: -38dB
Frequency Response: 30Hz – 16kHz
Signal-to-Noise Ratio: 73dB
Speaker: 4 Ω 5W
Speaker Charging Voltage/Current: 5V/1A
Speaker Charging Time: 3 hours
Speaker Battery Life: 6 hours (Moderate volume)
Transmitter Charging Voltage/Current: 5V/1A
Transmitter Charging Time: 1.5 hours
Transmitter Battery Life: 5 hours
2.4G Transmission Range: 30 meters
Bluetooth Transmission Range: 10 meters
Transmitter battery capacity: 80mAh
Speaker battery capacity: 2600mAh
Bluetooth version: 5.4
Product weight: Transmitter: 8g Speaker: 195g
Product dimensions: Transmitter: 45×18×11mm Speaker: 120×95×40mm

产品型号: BOYA A16
咪芯类型: 电容麦克风
麦克风灵敏度: -38dB
频率响应: 30Hz-16kHz
信噪比: 73dB
喇叭: 4 Ω 5W
音响充电电压/电流: 5V/1A
音响充电时间: 3h
音响续航时间: 6h (中等音量)
发射器充电电压/电流: 5V/1A
发射器充电时间: 1.5h
发射器续航时间: 5h
2.4G 传输范围: 30 米
蓝牙传输范围: 10 米
发射器电池容量: 80mAh
音响电池容量: 2600mAh
蓝牙版本: 5.4
产品重量: 发射器: 8g; 音响: 195g
产品尺寸: 发射器: 45×18×11mm、音响: 120×95×40mm

In the Box / 配件清单

Speaker × 1
Transmitter × 1
Clip × 1
Wired microphone × 1
USB-A to USB-C charging cable × 1
Shoulder strap × 1

音响 × 1
发射器 × 1
背夹 × 1
有线麦克风 × 1
USB-A 转 USB-C 充电线 × 1
背带 × 1



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