

# BOYA

## Multi-Compatible 2.4GHz Dual-Channel Wireless Microphone System

2.4GHz 广泛兼容双通道无线麦克风系统

### BOYALINK

Instruction Manual  
使用说明

## Statement

Please read this manual carefully before using and strictly operate and store it in accordance with the instructions. Please save the manual for your future reference. If you need further assistance than the user manual, please consult your retailer for help or email us: [sales@boya-mic.com](mailto:sales@boya-mic.com)

## General Introduction

The BOYALINK is an ultra-compact and portable 2.4GHz wireless microphone system, compatible with cameras, smartphones, tablets, computers and more. It features automatic pairing and selectable noise cancellation, delivering broadcast-quality sound with remarkable ease of use. The BOYALINK is ideal for content creation, live streaming, vlogging, mobile journalism and much more.

There are 3 different adapters included in the kit: 3.5mm TRS, USB-C, and iOS Lightning. The receiver has a USB-C charging port that supports charging and powering the device while using it with a USB-C/ iOS Lightning adapter.

The included charging case allows you to charge the transmitter and receiver anywhere, making the BOYALINK kit easy to carry on.

## Cautions

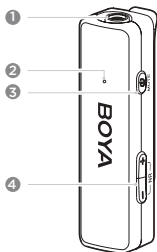
1. Non-professional teardown is strictly prohibited.
2. Please keep it away from heat sources such as radiators or spotlights.
3. Do not remove the battery without professionals' help.
4. Please clean the device with only a soft, dry cloth.
5. When using and storing, please keep away from the dust and moisture.
6. For the best pick-up pattern, do not hold your hand against the microphone capsule cover.

## Features

- Also available in 48kHz HD audio when noise cancellation enabled
- Wide-range 20-20,000Hz frequency response - deliver exceptional high-quality sound
- In-built rechargeable lithium-ion battery provides 10+ hours of recording
- Mono/ Stereo output switchable
- 3.5mm TRS analog output, USB-C and iOS Lightning digital output - universal compatibility with cameras, smartphones and computers
- Rotating clasp-type fur windshield, not easy to fall off
- The receiver's clasp allows the adapter to be easily removed.
- Sound can be played directly through your phone's speaker without unplugging the receiver.

## Product Structure

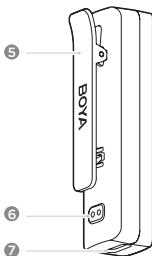
### Transmitter



① In-built Microphone Capsule

② Status Indicator

| Status                     | Indicator                            |
|----------------------------|--------------------------------------|
| Unpaired                   | Blinking blue slowly                 |
| Paired successfully        | Static blue                          |
| Mute                       | Blinking red slowly                  |
| Noise cancellation enabled | Static green                         |
| Maximum/Minimum gain       | Blinking blue(green) 3 times quickly |
| Low battery                | Blinking red quickly                 |
| Charging                   | Static red                           |
| Fully charged              | Red light off                        |



③ Power Button

- Press and hold to power on or off.
- Press to mute or unmute the microphone.

④ +/- Button

- Press the "+" or "-" button to adjust mic gain in 6 levels.
- Press both the "+" and "-" buttons at the same time to enable/disable noise cancellation.
- The setting is retained even after the power is turned off.

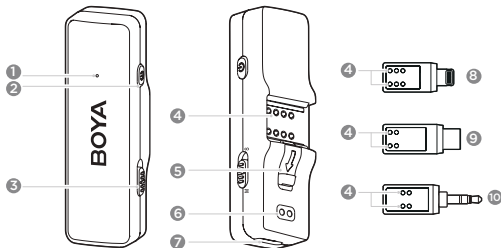
⑤ Belt Clip

⑥ Charging Contacts

⑦ USB-C Charging Port

For charging the transmitter. (It's okay to use the transmitter while charging.)

# Receiver



## ① Status Indicator

| Status              | Indicator            |
|---------------------|----------------------|
| Unpaired            | Blinking blue slowly |
| Paired successfully | Static blue          |
| Low battery         | Blinking red quickly |
| Charging            | Static red           |
| Fully charged       | Red light off        |

## ② Power Button

Press and hold to power on or off. Press twice to enable or disable the phone's speaker.

HINT: Once your phone's speaker is enabled, sound can be played directly without unplugging the receiver.

## ③ Mono/ Stereo Toggle

The output mode can be set to either mono or stereo. When in mono mode, the audio from the capsule, or capsules will be mixed to both the left and right sides. When in stereo

mode, the two capsules' audio output will be separated to the left and right sides.

## ④ Contacts

## ⑤ Clasp

## ⑥ Charging Contacts

## ⑦ USB-C Charging Port

For charging the receiver. An external device can be powered and charged through this port while the receiver with a USB-C or iOS Lightning adapter is plugged into it.

## ⑧ MFI Certified Lightning Adapter

It can be connected to an iOS Lightning device.

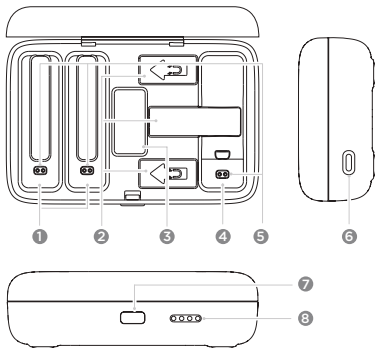
## ⑨ USB-C Adapter

It can be connected to Android Smartphones, Tablets, Computers and other USB-C devices.

## ⑩ 3.5mm TRS Adapter

It can be connected to cameras, recorders, mixers or other devices with a 3.5mm TRS jack.

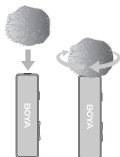
## Charging Case



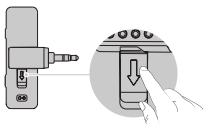
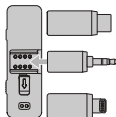
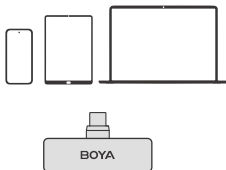
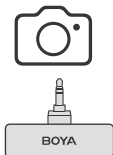
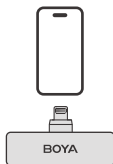
- ① Slot for Transmitter(s)
- ② Slot for Adapters
- ③ Slot for Fur Windshield
- ④ Slot for Receiver
- ⑤ Charging Contacts
- ⑥ USB-C Charging Port
- ⑦ OPEN Button
- ⑧ Charging Indicator

| Status        | Battery Level | Indicator |
|---------------|---------------|-----------|
| Low battery   | < 10%         | ● ○ ○ ○   |
| Charging      | < 25%         | ● ○ ○ ○   |
|               | 25%-50%       | ● ● ○ ○   |
|               | 50%-75%       | ● ● ● ○   |
|               | 75%-100%      | ● ● ● ●   |
| Fully charged | 100%          | ● ● ● ●   |

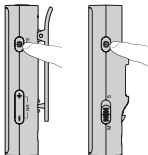
## Operation Guide



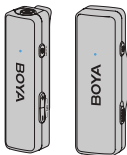
1. Attach the fur windshield to the transmitter(s) when using it outdoors or in a windy environment.



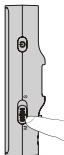
2. Push the selected adapter into the receiver. Connect the receiver to your audio devices, such as a camera, smartphone, tablet, computer, etc.



3. Press and hold the power buttons to turn the transmitter(s) and receiver on.



4. The transmitter(s) and receiver will be automatically paired as soon as it is switched on. The indicators of both are static blue.

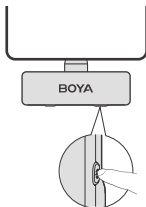


5. Toggle M  S to select either mono or stereo output mode.

6. It is recommended to record a sample and play it back to check if the audio level is acceptable before recording.



7. In order to improve the recording effect in a noisy environment, it is recommended that press the "+" and "-" buttons  on the transmitter(s) at the same time to enable noise cancellation.



8. Press the power button twice to enable your phone's speaker to play the sound directly without unplugging the receiver.

9. After recording, put the transmitter(s) and receiver back into the case for charging.

## Troubleshooting

If you encounter problems when using the unit, please refer to the following checklist before contacting technical support. If the problem cannot be solved, please contact the dealer's after-sales service department.

### **If there is no sound from the unit or no sound when connected to an external device**

- ① Make sure the adapter on the receiver is well connected to your device. Or remove the adapter and wipe the charging contacts with a clean cloth.
- ② Make sure the mic gain is not turned to minimum.
- ③ Make sure the unit is not muted.

### **If the sound of the unit is too low or too loud or even distorted**

Adjust mic gain to the suitable level for recording in the current environment to improve the recording effect.

### **Current noise or other abnormal noise appears during monitoring**

Make sure there is no interference near the unit. If the noise still exists after changing the unit's position, please contact our customer service.

### **The operating range of the unit is limited and the sound is frequently intermittent**

Make sure there is no interference between the transmitter and receiver. If the intermittent sound still occurs frequently, please contact our customer service.

### **Howling noise occurs when using the receiver with an adapter**

Make sure your phone's speaker is disabled in the receiver's menu.

### **Failed to charge the transmitter(s) or receiver via the charging case**

- ① Make sure the charging contacts of both are in full contact. Wipe the charging contacts with a clean cloth and try again.
- ② If you want to check whether the magnetic force is aging or whether the charging contacts of the two are not in sufficient contact, press the transmitter/receiver placed in the charging box to check whether it is in a charging state. If the transmitter(s) or the receiver is still failed to be charged, please contact our customer service.

## Specifications

### Transmitter & Receiver

|                                    |                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------|
| Transmission Type                  | 2.4GHz digital frequency                                                                                 |
| Modulation                         | Digital modulation                                                                                       |
| Polar Pattern                      | Omnidirectional                                                                                          |
| Antenna                            | Ceramic antenna                                                                                          |
| Operating Range (Without Obstacle) | Up to 100m (This value is tested in the open areas without any interferences according to FCC standard.) |
| RF Output Power                    | <10mW                                                                                                    |
| Distortion                         | <0.01%                                                                                                   |
| Frequency Response                 | 20Hz-20kHz                                                                                               |
| Sampling Rate                      | 48kHz                                                                                                    |
| Bit Rate                           | 16bit                                                                                                    |
| Signal-to-Noise Ratio              | >85dB                                                                                                    |
| Sensitivity                        | -42dB                                                                                                    |
| Audio Input                        | TX: In-built microphone capsule                                                                          |
| Audio Output                       | RX: 3.5mm TRS analog output, USB-C and iOS Lightning digital output                                      |
| Battery Voltage/ Capacity          | TX: 3.7V/95mAh<br>RX: 3.7V/120mAh                                                                        |
| Power Requirements                 | In-built lithium-ion battery/Charging contacts/ USB-C charging port                                      |
| In-built Battery Life              | TX: Approx. 10 hours<br>RX: Approx. 6 hours                                                              |
| Weight                             | TX: 12g;<br>RX: 15g (with an adapter)                                                                    |
| Dimensions                         | TX: 59x16.2x13 mm<br>RX: 59x18.2x13.3 mm                                                                 |
| Operating Temperature              | 0°C to +50°C                                                                                             |
| Storage Temperature                | -10°C to +50°C                                                                                           |

## Charging Case

|                               |                     |
|-------------------------------|---------------------|
| Battery Capacity              | 1000mAh             |
| Charging Time                 | Approx. 1.5 hours   |
| Charging Connector            | USB-C               |
| Times for Charging Microphone | 2 times (2*TX+1*RX) |
| Weight                        | 99g                 |
| Dimensions                    | 112x73x33 mm        |
| Operating Temperature         | 0°C to +50°C        |
| Storage Temperature           | -10°C to +50°C      |

## In the Box

### BOYALINK

2× BOYALINK Transmitter  
1× BOYALINK Receiver  
1× USB-A to USB-C Cable  
1× MFi Certified Lightning Adapter  
1× 3.5mm TRS Adapter  
1× USB-C Adapter  
2× Fur Windshield  
1× Charging Case  
1× Carrying Pouch

### BOYALINK A2

2× BOYALINK Transmitter  
1× BOYALINK Receiver  
1× USB-A to USB-C Cable  
1× MFi Certified Lightning Adapter  
1× 3.5mm TRS Adapter  
1× USB-C Adapter  
2× Fur Windshield  
1× Carrying Pouch

### BOYALINK A1

1× BOYALINK Transmitter  
1× BOYALINK Receiver  
1× USB-A to USB-C Cable  
1× MFi Certified Lightning Adapter  
1× 3.5mm TRS Adapter  
1× USB-C Adapter  
1× Fur Windshield  
1× Carrying Pouch

## 声明

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。请妥善保存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

## 注意事项

1. 请勿擅自拆开机壳；
2. 请勿将本机靠近热源，如散热器、聚光灯或其他产生热量的设备；
3. 电池不可自行更换；
4. 请使用柔软的干布清洁本设备；
5. 在使用和储存时，请注意防尘和防潮。
6. 为获得最佳拾音效果，请勿将手放在麦克风咪头上。

## 概述

BOYALINK 是一款迷你便携的 2.4GHz 无线麦克风系统，兼容相机、智能手机、平板、电脑等设备。产品具有自动配对和可设置的降噪功能，可提供出色的广播级音质，易于使用，适用于内容创作、直播、Vlog 拍摄、移动新闻等应用场景。

本系列有 3.5mm TRS、USB-C、iOS Lightning 三种转接头可供选择。接收器具有 Type-C 充电孔，在与 iOS Lightning/ USB-C 转接头一起使用时，支持一边录制一边给设备充电。

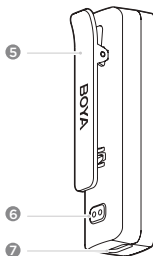
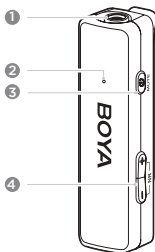
充电盒可为发射器和接收器提供移动电源，便于出行携带。

## 特点

- 一键降噪，48kHz 高清音质
- 20-20,000Hz 频响范围，高品质还原真实声音
- 内置可充电锂电池续航长达 10 小时
- 自由切换单声道 / 立体声输出模式
- 3.5mm TRS 模拟输出 & USB-C、iOS Lightning 数字输出
  - 广泛兼容相机、手机、电脑等
- 旋转卡扣式防风毛套，安装牢固不易脱落
- 接收器自带卡扣，方便更换转接头
- 接收器支持手机外放音频

## 产品结构

### 发射器



① 内置麦克风

② 状态指示灯

| 状态          | 指示灯            |
|-------------|----------------|
| 未联机         | 蓝灯慢闪           |
| 联机成功        | 蓝灯常亮           |
| 静音模式        | 红灯慢闪           |
| 降噪开启        | 绿灯常亮           |
| 最大 / 最小增益提示 | 蓝灯 (绿灯) 闪烁 3 次 |
| 低电量提示       | 红灯快闪           |
| 充电中         | 红灯常亮           |
| 充满电         | 红灯熄灭           |

③ 电源键

长按此键开 / 关机，短按此键开启 / 关闭静音模式。

④ +/- 键

• 短按 “+” / “-” 键可调节麦克风增益 (共 6 档)。

• 同时按下 “+” 键和 “-” 键可开启 / 关闭降噪功能。

• 参数设定在电源关闭后仍保留。

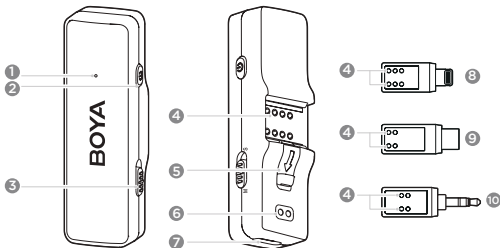
⑤ 背夹

⑥ 充电触点

⑦ Type-C 充电孔

用于给发射器充电 (支持边充边用)。

## 接收器



### ① 状态指示灯

| 状态    | 指示灯  |
|-------|------|
| 未联机   | 蓝灯慢闪 |
| 联机成功  | 蓝灯常亮 |
| 低电量提示 | 红灯快闪 |
| 充电中   | 红灯常亮 |
| 充满电   | 红灯熄灭 |

### ② 电源键

长按此键开 / 关机；双击此键开启 / 关闭外放功能。

注：外放功能开启后，无需拔掉接收器即可直接外放手机音频。

### ③ 单声道 / 立体声切换键

输出模式可以设置为单声道或立体声。在单声道模式下，两个发射器录制的音频将合并一条音频通道里输出。在立体声模式下，两个发射器的音频将分配到左右两个独立声道里输出。

### ④ 触点

### ⑤ 卡扣

### ⑥ 充电触点

### ⑦ Type-C 充电孔

用于给接收器充电。当带有 Lightning/Type-C 转接头的接收器插入外部设备时，可通过此充电端口为外部设备充电。

⑧ MFi 认证 Lightning 转接头  
适配带 Lightning 接口的 iOS 设备。

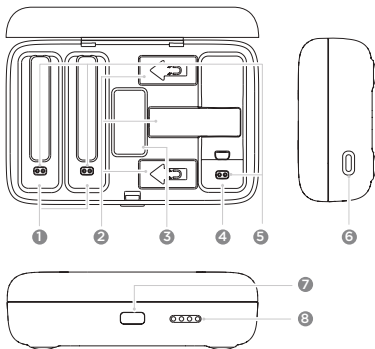
### ⑨ Type-C 转接头

适配安卓手机、平板或其他带 Type-C 接口的设备。

### ⑩ 3.5mm TRS 转接头

适配相机、混音器、录音笔或其他带 3.5mm TRS 接口的设备。

## 充电盒

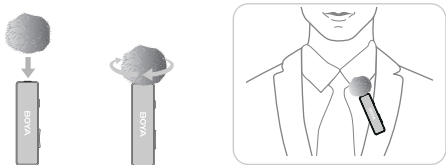


- ① 发射器凹槽
- ② 转接头凹槽
- ③ 防风毛套凹槽
- ④ 接收器凹槽
- ⑤ 充电触点
- ⑥ Type-C 充电孔
- ⑦ 按压式开关
- ⑧ 充电指示灯

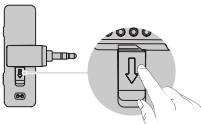
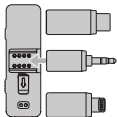
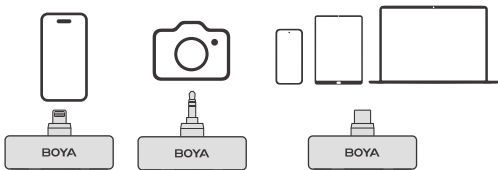
| 状态    | 描述          | 指示灯     |
|-------|-------------|---------|
| 低电量提示 | < 10% 电量    | ● ○ ○ ○ |
| 充电中   | < 25% 电量    | ● ○ ○ ○ |
|       | 25%-50% 电量  | ● ● ○ ○ |
|       | 50%-75% 电量  | ● ● ● ○ |
|       | 75%-100% 电量 | ● ● ● ● |
| 充满电   | 100% 电量     | ● ● ● ● |

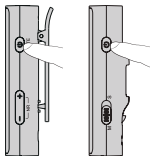
## 操作指南

1. 在户外录音或有风的环境下，为保持录音清晰的效果，建议将防风毛套安装到发射器上。



2. 选择适配的转接头安装到接收器的凹槽，然后连接至相机、手机、平板、或电脑等设备。

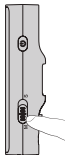




3. 长按发射器和接收器的电源键，将其开机。

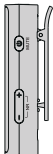


4. 发射器和接收器开机后将自动完成配对，其指示灯均呈蓝灯常亮。

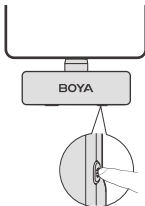


5. 拨动 M (0000) s，可切换单声道 / 立体声输出模式。

6. 建议在正式录音前做个简短的录音测试，检查音频水平是否可以接受。



7. 若录音环境嘈杂，还可以同时按发射器“+”“-”键  开启降噪模式，提高录制效果。



8. 双击接收器电源键可开启外放功能，即可直接外放手机音频。

9. 录制结束后，可将发射器 / 接收器放入充电盒中进行充电。

## 故障排除

在使用本机的过程中出现任何问题，请参照以下内容加以解决。如果此手册仍然无法解决您遇到的问题，请与我们当地的经销商售后服务部联系。

### 本机无声音

- ① 检查产品是否连接正常以及转接头是否有松动；或者将转接头取出，用干净的布擦拭充电触点。
- ② 检查增益是否被调至最低。
- ③ 请验证本机是否开启了静音模式。

### 本机声音过小或过大甚至破音

通过调节增益，找到最适合当前环境录制的档位，提高录制效果。

### 监听时有不干净的电流声或异常噪音等

请检查本机附近是否有干扰源；若本机更换使用位置后还是有噪音，请联系客服咨询。

### 产品的使用距离受限且声音频繁断续

查看发射器、接收器之间是否有干扰源，将产品更换使用位置再次确认，若声音还是频繁断续，请联系客服咨询。

### 使用带有转接头的接收器时有啸叫声

检查接收器是否开启了手机外放功能。外放功能开启时可能会产生啸叫现象。

### 充电盒无法给发射器 / 接收器充电

- ① 检查充电触点是否接触不到位，可用干净的布擦拭充电触点后再次进行验证。
- ② 检查磁力是否老化、充电触点是否接触不到位，可通过手按压发射器 / 接收器验证能否进入充电状态。若仍然无法充电，请联系客服咨询。

## 参数

### 发射器 & 接收器

|           |                                                       |
|-----------|-------------------------------------------------------|
| 传输方式      | 2.4GHz 数字频段                                           |
| 信号调制      | 数字调制                                                  |
| 极性模式      | 全向型                                                   |
| 天线        | 陶瓷天线                                                  |
| 操作距离（无障碍） | 100 米（在空旷无干扰环境下依据 FCC 标准测得。）                          |
| 射频输出功率    | <10mW                                                 |
| 失真        | <0.1%                                                 |
| 频率响应      | 20Hz-20kHz                                            |
| 采样率       | 48kHz                                                 |
| 比特率       | 16bit                                                 |
| 信噪比       | >85dB                                                 |
| 灵敏度       | -42dB                                                 |
| 音频输入      | TX: 内置咪头                                              |
| 音频输出      | RX: 3.5mm TRS 转接头 / Type-C 转接头 / MFi 认证 Lightning 转接头 |
| 电池规格      | TX: 3.7V/95mAh<br>RX: 3.7V/120mAh                     |
| 供电方式      | 内置锂电池供电 / 充电盒触点充电 / Type-C 充电孔                        |
| 内置电池续航时长  | TX: 约 10 小时<br>RX: 约 6 小时                             |
| 重量        | TX: 12g<br>RX: 15g（带端子）                               |
| 尺寸        | TX: 59x16.2x13 mm<br>RX: 59x18.2x13.3 mm              |
| 工作温度      | 0°C ~ +50°C                                           |
| 贮存温度      | -10°C ~ +50°C                                         |

## 充电盒

|        |                       |
|--------|-----------------------|
| 电池容量   | 1000mAh               |
| 充电时长   | 1.5H                  |
| 充电接口   | Type-C 接口             |
| 可供充电次数 | 支持 2*TX+1*RX 循环充电 2 次 |
| 重量     | 99g                   |
| 尺寸     | 112x73x33 mm          |

## 包装清单

### BOYALINK

- 2× 发射器
- 1× 接收器
- 1× USB-A 转 Type-C 充电线
- 1× MFi Lightning 转接头
- 1× 3.5mmTRS 转接头
- 1× Type-C 转接头
- 2× 防风毛套
- 1× 充电盒
- 1× 收纳袋

### BOYALINK A2

- 2× 发射器
- 1× 接收器
- 1× USB-A 转 Type-C 充电线
- 1× MFi Lightning 转接头
- 1× 3.5mmTRS 转接头
- 1× Type-C 转接头
- 2× 防风毛套
- 1× 收纳袋

### BOYALINK A1

- 1× 发射器
- 1× 接收器
- 1× USB-A 转 Type-C 充电线
- 1× MFi Lightning 转接头
- 1× 3.5mmTRS 转接头
- 1× Type-C 转接头
- 1× 防风毛套
- 1× 收纳袋

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