

BOYA

Universal Lavalier Microphone

领夹麦克风

BY-M1

Instruction Manual
使用说明



Introduction

Thanks for choosing BOYA!

The BOYA BY-M1 is universal Lavalier Microphone, which can be used with camcorders, smartphones, and other recording devices.

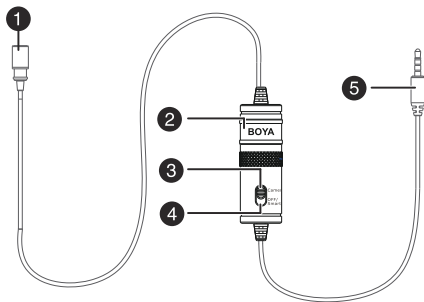
It is designed for reliable and trouble-free performance.

In order to ensure you have a good experience, please read this manual thoroughly and retain it for future reference.

Package Contents:

- One BY-M1 Lavalier microphone
- Foam wind screen
- Clothing clip
- Velcro
- Battery (LR44)
- Carrying case
- User Manual

Main features



#	Item	Description
1	Omni-directional microphone	Picks up sound. The sound enters through the holes in the top of the capsule.
2	Power pack	Provides power for the microphone for use with cameras and other devices requiring a powered mic.
3	Camera setting	Turns the power on to the microphone. For use with cameras and other devices requiring a powered mic.
4	OFF/Smartphone setting	Turns the power off to the microphone. For use with Smartphones and other devices requiring an unpowered mic. NOTE: Keep the device in this mode when not in use to save the battery.
5	3.5 mm connector	Connects the microphone to the Smartphone, camera, camcorder, or other recording device.

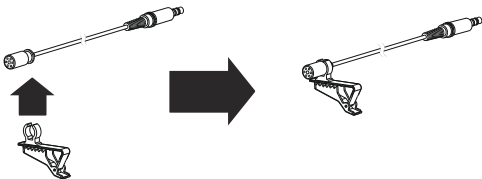
Features

- Clip-on lapel microphone for Smartphones, cameras, camcorders, audio recorders, PCs, and other audio/video recording devices
- High-quality condenser microphone, ideal for accurate voice recording
- Omni-directional pick-up pattern for flexible, easy use
- Low handling noise

Using the microphone

Attaching the microphone to the clothing clip

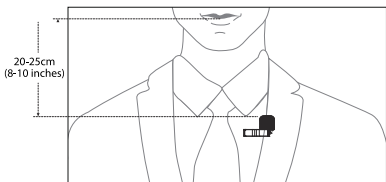
- Insert the microphone into the plastic loop on the clothing clip.



Mounting the microphone to your Clothing

Attach the microphone to the front of your clothing with the clothing clip, about 20-25cm (8-10 inches) from your face.

- 1) Attach the microphone upside down to reduce excessive breath noises and tonal inconsistencies due to head movements.
- 2) It is recommended that you use the foam wind screen at all times to avoid wind noise, even when recording inside.



Tips and notes:

- ① Tape a loose loop of the microphone cord to the inside of your clothing. This provides additional strain relief for the microphone cord and isolation from unwanted noise.
- ② Before recording an important event, record and play back a short test clip with the microphone attached to ensure audio recording is functioning properly.

Using the microphone with a Smartphone

Caution

No need to install battery when using with Smartphone.

- 1 Attach the microphone to your clothing (see previous instructions).
- 2 Move the switch on the power pack to the OFF/Smartphone.
- 3 Plug the 3.5 mm connector into the audio jack of your smartphone.
- 4 Open the audio-only or video recording app and begin recording.

Using the microphone with a camera

- 1 Install battery in right polarities.
- 2 Attach the microphone to your clothing (see previous instructions).
- 3 Move the switch on the power pack to the Camera (on) setting.
- 4 Plug the 3.5 mm connector into the audio input jack of your DSLR, Point and Shoot camera, or camcorder, and begin filming.

Note

Not all cameras have a microphone input. Verify this with your camera manufacturer. Many cameras have headphone, remote control, and other ports that look similar to a microphone input. Make sure that you are using the correct one.

Using the microphone with a laptop

Note

- 1) BOYA BY-M1 can only use laptop whose headphone jack and microphone jack is combined.
- 2) No need to install battery.

- 1 Attach the microphone to your clothing (see previous instructions).
- 2 Move the switch on the power pack to the OFF/Smartphone.
- 3 Plug the 3.5 mm connector into the audio jack of your laptop.
- 4 Open the audio app and begin recording.

Using the microphone with other devices

- 1 Install battery in right polarities.
- 2 Attach the microphone to your clothing (see previous instructions).
- 3 Move the switch on the power pack to the Camera (on) setting.
- 4 Plug the 3.5 mm connector into the audio input jack of your device (audio recorder, amplifier etc.), and begin recording.

Note

- 1) When move switch on the power pack to the Camera (on), make sure to install battery in right polarities.
- 2) No need to install battery when OFF/ Smartphone setting.
- 3) Make sure set the switch first, then connect microphone with your equipment.

Replacing the battery

- 1 Unscrew the two parts of the power pack and separate the pieces.



- 2 Remove the old battery from its compartment in the power pack.



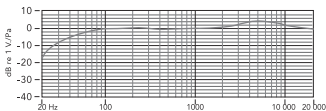
- 3 Place the new battery, with the + and - oriented as indicated, into the battery compartment in the power pack. The + symbol is stamped inside the compartment for reference.

Troubleshooting

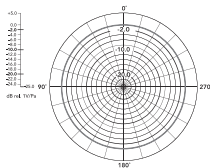
Problem	Solution
The microphone does not turn on	The battery may be incorrectly oriented in the battery compartment. Open the battery compartment and make sure the battery is correctly installed.
	The battery may be exhausted. Replace it with a new one. See the Specifications section for compatible replacements.
	The battery terminals are dirty. Open the battery compartment and clean the terminals with a cotton swab.
The battery discharges too quickly	The microphone is being left on (in the Camera position). Turn off the microphone by moving the switch to the Off/Smartphone position.
	You are using the microphone in extremely hot or cold conditions which drains it quickly.
Too much ambience noise is being picked up	Make sure that the microphone is as close as possible to the subject. A certain amount of ambient noise is unavoidable in loud environments.

Specifications

Transducer	Electret condenser
Polar pattern	Omni-directional
Frequency range	65 Hz ~ 18 KHz
Signal/Noise	74 dB SPL
Sensitivity	-30 dB +/- 3 dB / 0 dB=1V/Pa, 1 kHz
Output impedance	1000 Ohm or less
Battery type	LR44 included (compatible with LR44, 357, and SR44)
Connector	3.5mm (1/8") 4-pole gold plug
Dimensions	Microphone: 18.00mmH x 8.30mmW x 8.30mmD Cable: 6.0m
Weight	Microphone: 2.5g Power Module: 18g



■ FREQUENCY RESPONSE



感谢您选择BOYA!

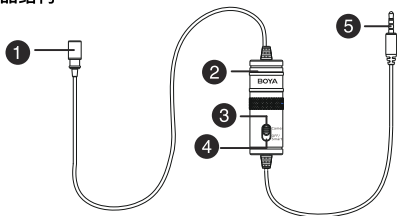
博雅BY-M1是通用型领夹麦克风,使用3.5毫米的插头;可以用于智能手机、数码单反相机、摄像机、音频录音机、电脑或其他音频/视频记录设备。

为了您可以更好的使用产品,请完整阅读本手册并保留备查。

产品清单

- 一个BY-M1领夹麦克风
- 防风海绵
- 麦克风领夹
- 魔术贴
- 电池(LR44)
- 收纳袋
- 用户手册

产品结构

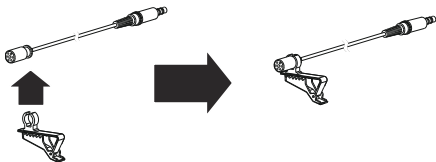


#	项目	描述
1	全向型麦克风	拾取声音, 声音通过咪头上方的拾音孔进入。
2	电源	与相机或其他需要麦克风供电的设备连接时, 为麦克风提供电源。
3	Camera (相机) 设置	将开关拨到Camera设置上, 将打开电源, 供相机或其他需要麦克风供电的设备使用。
4	OFF/Smartphone (关闭/智能手机) 设置	关闭麦克风的电源。用于手机或其他不需要电源麦克风的设备。 注意: 在不使用时保持设备处于此模式以保持电量。
5	3.5毫米插头	将麦克风连接到手机、相机, 摄像机或其他音频/视频录制设备。

使用方法

把衣领夹子装在麦克风上

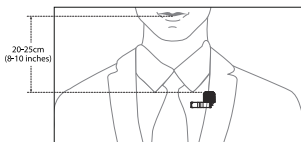
- 将衣领夹子插入上麦克风的塑料环上



把麦克夹在衣服上

把麦克风夹在衣服上面，离你的脸上大约20厘米

- 1) 将麦克风上下颠倒，可以减少由于头部移动和呼吸引起的噪声。
- 2) 建议您随时使用防风棉，以避免风噪，即使在室内录音时也保持使用。



提示和注释

- ① 将松散的麦克风线圈缠到衣服的内侧。
这不仅可以避免突发情况还可以避免震动产生噪音。
- ② 在录制一个重要事件之前，记录一个带有麦克风的简短测试片段并播放，以确保录音功能正。

麦克风用于手机

注意

用于智能手机时无需安装电池。

1. 把麦克风装在衣服上（见前面的说明）
2. 将电源开关上的开关移到 OFF/Smartphone。
3. 将3.5毫米插头插入您智能手机的音频插孔中。
4. 打开音频或视频录制应用程序并开始录制。

麦克风用于相机

1. 安装电池。
2. 把麦克风装在衣服上（见前面的说明）。
3. 将电源开关上的开关移到Camera (on)的设置。
4. 将3.5毫米接头插入单反相机、摄像机的音频输入插孔，然后开始拍摄。

注意

并非所有相机都有麦克风输入，请与相机制造商核实。许多相机都有耳机监听，遥控器和其他类似麦克风输入的端口，请确保你使用的是正确的！

麦克风用于笔记本电脑

注意

- 1) BOYA BY-M1只能使用耳机插孔和麦克风插孔相结合的笔记本电脑。
- 2) 不需要安装电池。

1. 将麦克风连接到衣服上（请参阅前面的说明）。
2. 将电源开关上的开关移到OFF/Smartphone的设置。
3. 将3.5毫米插头插入您笔记本电脑的音频插孔。
4. 打开音频应用程序并开始录制。

麦克风用于其他设备

1. 正确的安装电池
2. 将麦克风连接到衣服上（请参阅前面的说明）。
3. 将电源开关上的开关移到Camera (on) 的设置。
4. 将3.5毫米插头插入设备的音频输入插孔（录音机，音响等）然后开始录制！

注意

- 1) 将电源开关切换到 Camera (on)时, 请确保电池安装正确。
- 2) 将电源开关切换到OFF/ Smartphone 设置时, 无需安装电池
- 3) 请先确保开关正确, 然后将麦克风连接到您的设备

更换电池

1. 拧开电源组的两部分并分开这些部件



2. 从电池组的隔间中取出旧电池。

使用非金属物品（如牙签）将电池轻轻向上提起。

当您抬起电池时，请勿将电池左右推动，否则它会粘在电池盒内。



3. 将新电池按照指示+和 - 放入电源组的电池舱中。+符号印在电池舱内以供参考。

故障排除

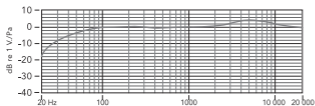
问题	解决方案
麦克风没有工作	电池可能安装不正确。打开电池舱，确保电池安装正确。
	电池可能没电了，换一个新的。请参阅更换电池部分进行更换。
	电池端子很脏。打开电池舱，用棉签擦拭终端。
电池用电过快	麦克风被遗忘（开关保持在 Camera 设置上）。把麦克风开关移到OFF/ Smartphone 设置上。
	在极端炎热或寒冷的条件下麦克风电池会消耗很快
存在噪音	麦克风尽可能接近被录音主体。少量的环境噪声在嘈杂环境中是不可避免的。

特征

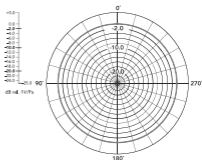
- 用于手机、相机、摄像机、录音机、PC或其他音频/视频录制设备的夹式领夹麦克风
- 全向型电容式麦克风
- 用于采访会有很出色的表现
- 双咪头设计，两个麦克风同时使用
- 有更高的灵敏度和信噪比
- 内含收纳袋

参数

传感器:	驻极体电容
拾音模式:	全向
频率响应:	65Hz~18KHz
信噪比:	74dB SPL
灵敏度:	-30dB +/- 3dB / 0dB=1V/Pa, 1kHz
输出阻抗:	1000欧姆以下
产品接口:	标准通用3.5毫米插头
供电电池:	LR44 (产品包含)
线长:	6m(13英尺)
净重:	105克



■ FREQUENCY RESPONSE



SHENZHEN JIAYZ PHOTO INDUSTRIAL., LTD.

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深圳市长丰影像器材有限公司

地址:深圳市观澜街道章阁大富路智能终端产业园A16栋

TEL: 400 6131096

Email: sales@boya-mic.com

www.boya-mic.com / www.jiayz.com