



BY-M1 Pro

Universal Lavalier Microphone

领夹麦克风

Instruction Manual

说明书



Introduction

Thanks for choosing BOYA!

The BY-M1 Pro is an universal lavalier microphone, which compatible with smartphones, PC, cameras, audio recorders, and other recording devices etc.

BY-M1 Pro has a 6m (19.7') audio cable in length, increasing the additional space for movement and usability. Designed for videographers on a limited budget and video hobbyists, it delivers the improved and broadcast quality sound while recording.

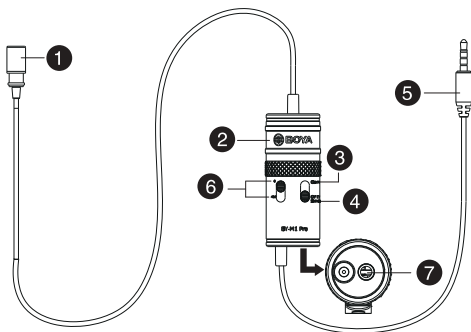
With -10dB pad switch, it effectively reduces unwanted plosive when the subject sound is very loud and close to the microphone, makes sure the recording is always clear. With a 3.5mm headphone jack on the bottom, it allows users to monitor sound in smartphone mode.

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

Package Contents:

- One BY-M1 Pro lavalier microphone
- Foam windscreen
- Clothing clip
- Velcro
- Battery(LR44)
- Carrying case
- User manual
- Warranty card

Main features



#	Item	Description
1	Omn-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	Switch to OFF mode when you stop recording to save battery. Switch to Smartphone mode to allow the BY-M1 Pro works on mobile devices like smartphones, tablets and PC etc that with a 3.5mm input jack.
5	3.5 mm connector	Connects the microphone to the Smartphone, camera, camcorder, or other recording device.
6	0/-10dB setting	Switch to 0 / -10dB according to the recording environment. With -10dB pad switch, it effectively reduce unwanted plosive when the subject sound is very loud and close to the microphone.
7	Earphone monitoring	In Smartphone mode, playback headphone monitoring is allowed.

Features

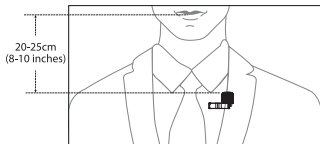
- Clip-on Mic for Smartphones, DSLRs, camcorders, audio recorders, PC etc.
- High-quality condenser, ideal for video use.
- Low handling noise.
- Includes lapel clip, LR44 battery, foam windscreen, 1/4" adapter.
- Play back headphone monitoring in smartphone mode.
- -10dB sound attenuation.

Using the microphone

Mounting the microphone to your clothing

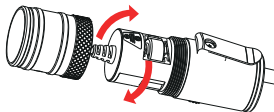
Attach the microphone to the front of your clothing with the clothing clip, about 20-25cm (8-10 inches) from your face.

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



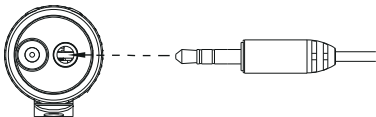
Battery power

Anticlockwise rotating the microphone capsule until you see the inside layout, and please and please insert the LR44 battery into compartment. After you finish usage, please check the BY-M1 Pro working status.



Using the 3.5mm headphone jack to monitor the audio

After finish recording, plug the headphone into headphone jack to monitor the audio.



Note

In Smartphone mode, playback headphone monitoring is allowed. And this function could not be used on camera mode. If you want to use the 3.5mm headphone jack to monitor the audio on your mobile devices, make sure that the switch is on the Smartphone mode.

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 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 Pro can only be used on laptops which headphone and microphone are, the same jack.
- 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 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

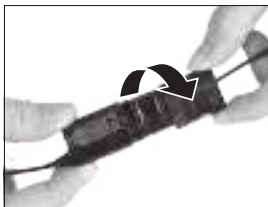
- 1 Install battery in right polarities.
- 2 Attach the microphone to your clothing (see previous instructions).
- 3 Move the switch on the power pack to the Camera (on) setting.
- 4 Plug the 3.5 mm connector into the audio input jack of your device (audio recorder, amplifier etc.), and begin recording.

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 in smartphone mode.
- 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.

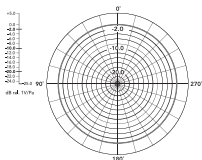
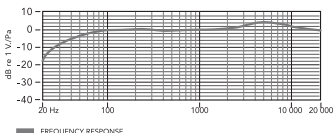
Troubleshooting

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 switching to OFF/Smartphone to save battery when recording stopped.
	You are using the microphone in extremely hot or cold conditions which drains it quickly.
Too much ambience noise is being picked up	When there are too many background noise, switch to -10dB to reduce unwanted background noise.

Specifications

Transducer	Electret condenser
Polar pattern	Omni-directional
Frequency range	70 Hz ~ 18 KHz
Signal/Noise	78dB or more
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
Pad Switch	0/-10dB
Dimensions	6.0m (19.7ft)
Weight	58g (2.05oz)

Specifications



感谢您选择BOYA!

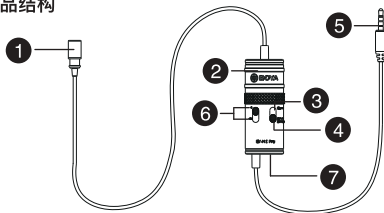
博雅BY-M1 Pro是通用型领夹麦克风,使用3.5毫米的插头;可以用于智能手机、数码单反相机、摄像机、音频录音机、电脑或其他音频/视频记录设备。

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 Pro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

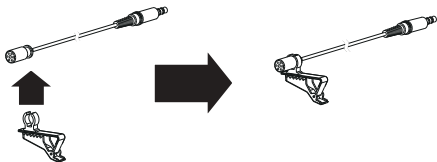


#	项目	描述
1	全向型麦克风	拾取声音, 声音通过咪头上方的拾音孔进入。
2	电源	与相机或其他需要麦克风供电的设备连接时, 为麦克风提供电源。
3	Camera (相机) 设置	将开关拨到Camera设置上, 将打开电源, 供相机或其他需要麦克风供电的设备使用。
4	OFF/Smartphone (关闭/智能手机) 设置	关闭麦克风的电源。用于手机或其他不需要电源麦克风的设备。 注意: 在不使用时保持设备处于此模式以保持电量。
5	3.5毫米插头	将麦克风连接到手机、相机, 摄像机或其他音频/视频录制设备。
6	0/-10dB设置	增益调节开关 噪音大建议使用-10dB
7	耳机监听	使用Smartphone模式时可以插入耳机, 回放监听录制效果。

使用方法

把衣领夹子装在麦克风上

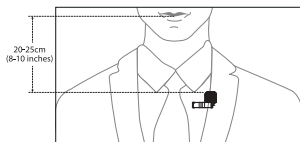
- 将衣领夹子插入上麦克风的塑料环上



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。

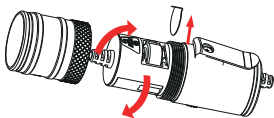


提示和注释

- 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。

产品电源

逆时针旋转主体上壳，取出电池隔片，保证电池电路通畅。



麦克风用于手机

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，根据环境效果调节增益开关开始录制。

麦克风用于相机

1. 请正确的安装好电池
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（MIC）根据环境效果调节增益开关开始拍摄。

注意

1. 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!
2. 无法使用耳机监听功能

麦克风用于笔记本电脑

注意

- 1) BOYA BY-M1 Pro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，根据环境效果调节增益开关开始录制。

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）根据环境效果调节增益开关开始录制。

注意

- 1) 将电源开关切换到 Camera (on)时, 请确保电池正常通电。
- 2) 将电源开关切换到OFF设置不通电
- 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

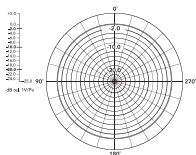
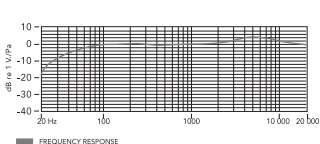
问题	解决方案
麦克风没有工作	电池可能安装不正确。打开电池舱，确保电池安装正确。
	电池可能没电了，换一个新的。请参阅更换电池部分进行更换。
	电池端子很脏。打开电池舱，用棉签擦拭终端。
电池用电过快	开关需保持在OFF/Smartphone设置上。
	在极端炎热或寒冷的条件下麦克风电池会消耗很快
存在噪音	麦克风尽可能接近被录音主体。少量的环境噪声在嘈杂环境中是不可避免的。

特征

- 用于手机、相机、摄像机、录音机、PC或其他音频/视频录制设备的领夹麦克风
- 全向型电容式麦克风
- 用于采访、直播、演讲等等
- 使用手机时可回放监听

参数

传感器:	驻极体电容
拾音模式:	全向
频率响应:	70Hz~18KHz
信噪比:	78dB 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:	58克



www.boya-mic.com

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