

# BOYA

## Universal Lavalier Microphone

领夹麦克风

**BY-M1 Pro II**

Instruction Manual  
使用说明

## Instruction

Thanks for choosing BOYA!

The BY-M1 Pro II, a universal lavalier microphone with omnidirectional mic capsule, features 360-degrees of sound pickup, which is compatible with smartphones, tablets, PC, cameras, audio recorders, etc.

BY-M1 Pro II has a 6m (19.7') audio cable in length, increasing the additional space for movement and usability. With the -10dB mic gain setting, it quickly lower the level when the subject sound is very loud and close to the microphone, making sure the recording is always clear. With a 3.5mm headphone jack on the bottom, it allows users to monitor sound in smartphone mode. It is suitable for interviews, live streamings, speeches and more.

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

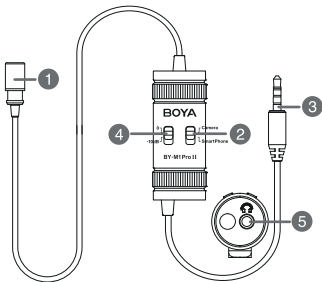
## Cautions

1. Disintegration of this device by non-professionals is strictly prohibited.
2. Be careful with violent collisions.
3. When using and storing, please keep away from the dust and moisture.
4. For the best pick-up pattern, do not hold your hand against the microphone capsule cover.
5. Please keep it away from heat sources such as heaters or ovens.

## Package contents

- BY-M1 Pro II microphone
- Foam windscreen
- Mic clip
- Velcro
- Carrying pouch
- User manual
- Warranty card

# Product structure

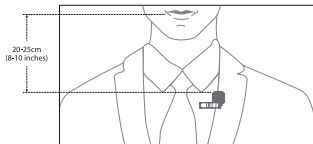
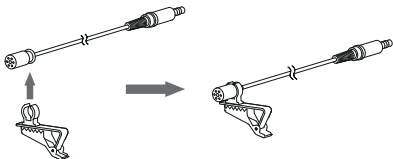


- ① **Lavalier Microphone**
  - For picking up sounds.
- ② **Camera/Smartphone mode toggle**
  - Camera mode: For working on cameras, mixers, audio recorders, amplifiers and other recording devices.
  - Smartphone mode: For working on mobile devices like smartphones, tablets, and PC with a 3.5mm input jack.
- ③ **3.5mm connector**
  - For connecting to the smartphone, camera, camcorder, or other recording device.
- ④ **0dB/ -10dB setting toggle**
  - Toggle between 0dB and -10dB mic gain setting according to the recording environment. When switching to the -10dB, the audio will be recorded in -10dB in case the recording gets distorted due to loud sound sources, or the subject's voice is not clearly heard due to ambient noise.
- ⑤ **3.5mm headphone jack**
  - Plug in a 3.5mm TRS headphone to monitor the recording when in the Smartphone mode.

# How to Use

## Mounting the microphone to your clothing

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

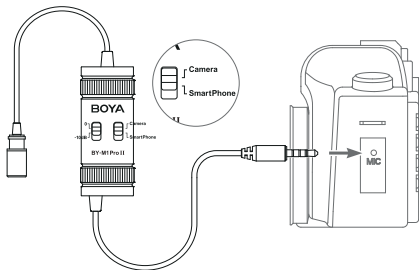


### NOTE:

It is recommended to use the included foam windscreen at all times to avoid wind noise, even when recording inside.

## Using with a camera/ other recording devices

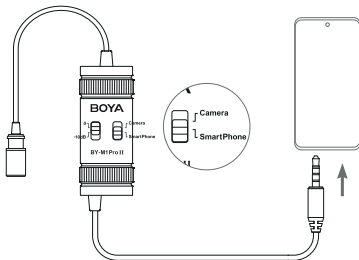
1. Slide the "Camera/ Smartphone mode toggle to the Camera mode.
2. Connect the BY-M1 Pro II to the microphone port of a camera, audio recorder or other recording devices via the 3.5mm connector.
3. You are ready to record.



**NOTE:** Not all cameras have a microphone input. Verify this with your camera manufacturer. Many cameras have some ports that look similar to a microphone input such as a headphone jack and a remote control jack. Make sure that you are using the correct one.

## Using with a smartphone/ tablet/ laptop

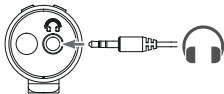
1. Slide the "Camera/ Smartphone mode toggle to the Smartphone mode.
2. Connect the BY-M1 Pro II to a smartphone, tablet or laptop via the 3.5mm connector.
3. Open the audio or video recording app and start recording.



**NOTE:** BY-M1 Pro II can only be used on laptops with an integrated jack for the headphone and the microphone.

## Monitoring audio via the 3.5mm headphone jack

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

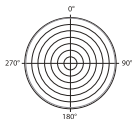


**NOTE:** Only in the Smartphone mode, headphone monitoring playback is allowed.

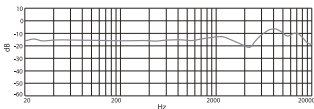
## Specifications

Polar Pattern	Omnidirectional
Frequency Response	50Hz~20KHz
Sensitivity	-32±3dB (0dB=1V/Pa, 1KHz)
Signal-to-Noise Ratio	>78dB
Output Impedance	<1000Ω
Mic Gain Control	-10dB, 0dB
Audio Output	3.5mm connector 3.5mm headphone jack
Cable Length	19.7' (6m)
Weight	Approx. 2.33oz (66g)

### Polar Pattern



### Frequency Response



感谢您选择BOYA!

BY-M1 Pro II是一款通用型领夹麦克风，带有全向型咪头，能够360°拾音，兼容智能手机、平板、电脑、相机、录音机等。产品线长6米，方便使用；配置3.5mm耳机插孔，可在智能手机模式下监听音频；带有-10dB衰减功能，提供更加有保障的录音环境；适用于采访、直播、演讲等多种场景。

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。

## 注意事项

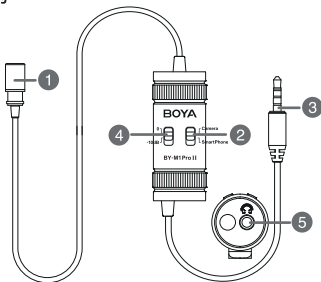
1. 请勿擅自拆开机壳；
2. 避免剧烈碰撞；
3. 使用和存放时，请注意防尘和防潮；
4. 为获得最佳拾音效果，请勿将手放在麦克风咪头上。
5. 请勿将本机靠近热源，如加热器、烤箱或其他产生热量的设备；

## 包装清单

- BY-M1 Pro II麦克风
- 防风海绵
- 麦夹
- 魔术贴
- 收纳袋
- 用户手册
- 保修卡



## 产品结构



### ① 领夹麦克风

– 用于拾音。

### ② 相机/手机模式切换开关

- Camera（相机）模式：用于相机、混音器、录音机、音响和其他录音设备。
- Smartphone（手机）模式：用于智能手机、平板和电脑，以及其他带有3.5mm输入插孔的移动设备。

### ③ 3.5mm插头

– 用于连接到智能手机、相机、摄像机或其他音频/视频录制设备。

### ④ 0dB/ -10dB增益切换开关

– 根据录音环境切换增益到0dB或-10dB，切换到-10dB时，音频输出增益将降低10dB，确保音频不会因为高音量的声音输入而失真，或因环境噪音导致话筒面对的主体声音听不清楚。

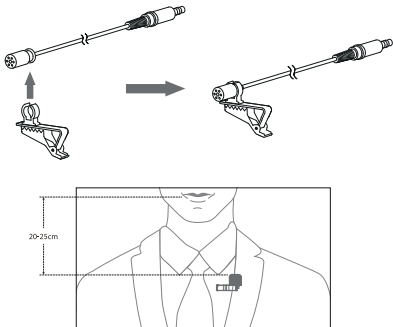
### ⑤ 3.5mm耳机插孔

– 使用Smartphone模式时可以插入3.5mmTRS耳机，回放监听录制效果。

## 使用方法

### 将麦克风夹在衣领上

把麦克风夹在衣领上，与嘴部保持大约20-25cm的距离。



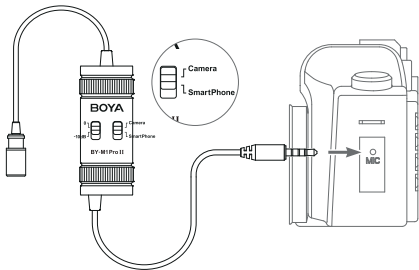
### 注意：

建议在室内外录音时使用随附的防风海棉以减少风噪。

## 搭配相机或其他录制设备使用

将相机/手机模式切换开关拨至Camera（相机）模式；

使用本设备的3.5mm插头连接至相机、录音机或其他录制设备的麦克风接口，即可传输音频。



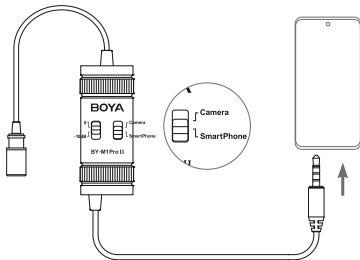
### 注意：

并非所有摄像机都有麦克风输入口，请与相机制造商核实这点。许多相机都有耳机监听孔，遥控器插孔以及其他类似麦克风输入的端口，请确保您使用了正确的接口！

## 搭配手机、平板或电脑使用

将相机/手机模式切换开关拨至Smartphone（手机）模式；

使用本设备的3.5mm插头连接至手机、平板或电脑，打开音频/视频录制APP，即可传输音频。

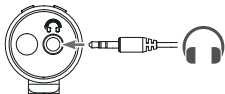


### 注意：

BOYA BY-M1 Pro II只能与耳机插孔和麦克风插孔相结合的笔记本电脑搭配使用。

## 使用3.5mm耳机插孔监听音频

录音完毕后，将耳机接入此插孔以监听音频。

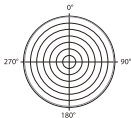


**注意：**  
只有在Smartphone（手机）模式下，  
才可以连接此插孔回放监听。

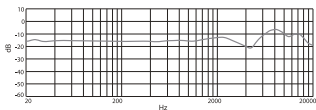
## 参数

拾音模式	全向
频率响应	50Hz~20KHz
灵敏度	-32±3dB (0dB=1V/Pa, 1KHz)
信噪比	>78dB
输出阻抗	<1000Ω
麦克风增益控制	-10dB, 0dB
音频输出	3.5mm插头 3.5mm耳机插孔
线长	6m
重量	约66g

## 极性图



## 频率响应



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