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品牌	BOYA	长丰型号	BY-BM3031

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修改名称	版本	变更内容	变更日期	变更担当
BY-BM3031说明书	V02	内容更新	2020-4-13	吴蒙蒙





BY-BM3031

On-Camera Shotgun Microphone

机顶枪型超心型麦克风

Instruction Manual

说明书

Thanks for choosing BOYA!

The BOYA BY-BM3031 is a Super-cardioid condenser shotgun microphone that delivers high-quality sound for DSLRs, camcorders, audio recorders and more.

It features a three-level gain switch that provides a +20 dB boost, 0 dB unity gain, or -10 dB pad to prevent distortion from audio overload. And also features a switchable high-pass filter at 80 Hz to roll off unwanted low-frequency noise and rumble.

The lightweight mic attaches easily to any camera equipped with a 3.5mm microphone jack or to a boom pole, and integrates a built-in shock mount that helps eliminate unnecessary vibrations that create excessive background noise.

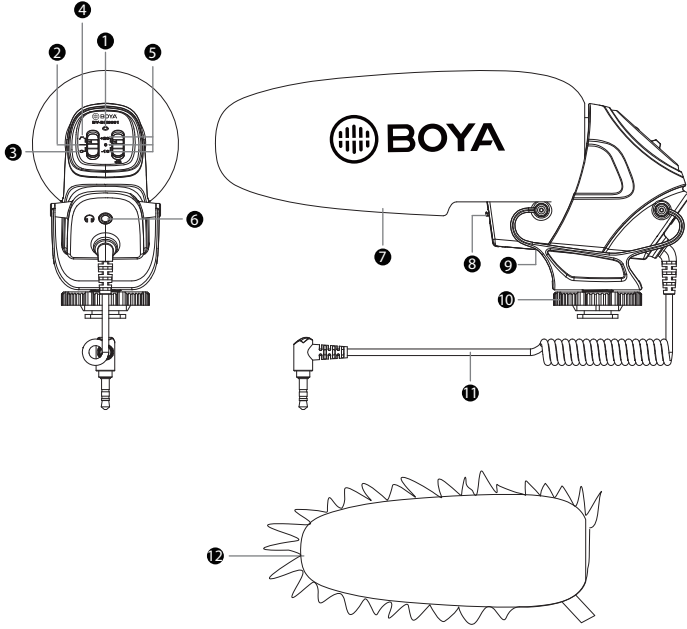
This mic includes a foam windscreen and fur windscreen that helps to decrease vocal plosives and wind noise when recording dialog and powered by two pieces of AA batteries (not included) for up to 120 hours.

**PACKAGE CONTENTS**

- Microphone
- Foam windscreen
- Fur windscreen
- Carrying pouch
- Quick Setup Guide

**INSTRUCTURE**

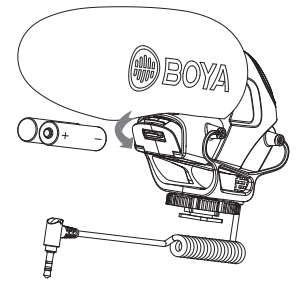
1. Power Indicator
2. Mic ON (FLAT)
3. Mic OFF
4. Mic ON (High Pass Filter)
5. Three position level control (-10dB, 0, +20dB)
6. 3.5mm headphone Jack
7. Foam windscreen
8. Battery Compartment
9. Shock Mount
10. Camera Shoe Mount with 1/4" Thread
11. 3.5mm TRS Audio cable
- Note:** Cable in illustrations is shown shorter for clarity. The actual cable is longer than the one pictured.
12. Fur windscreen



**HOW TO USE**

Installing the battery

1. Press the bottom of battery compartment lid down and lift it up.
2. Insert the AA battery. Make sure that the + and - signs match the symbols in the compartment.
3. Replace the battery compartment lid.



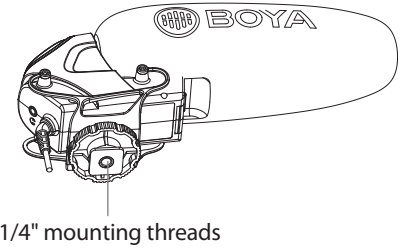
**SETTING UP YOUR MICROPHONE**

To attach your microphone to a camera:

1. Loosen the locking knob, then slide your microphone's shoe mount onto your camera.
2. Tighten the locking knob to secure your microphone.
3. Connect the 3.5 mm audio cable to your camera.

To attach your microphone to a tripod:

1. Tighten the microphone to the 1/4" screw on a tripod or tripod plate. See the instructions that came with your tripod for more information.
2. Connect the 3.5 mm audio cable to your camera.



**USING YOUR MICROPHONE**

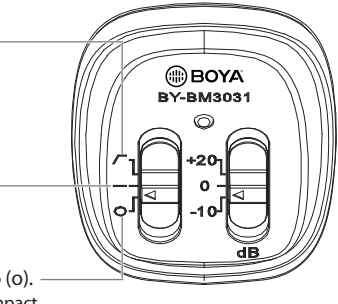
- 1 Turn on your camera.
2. Slide the power switch to ON (—, Flat), the LED indicator lights up.

To use the low-cut filter switch, slide up(↑) to turn the filter on.

To turn off low-cut filter switch, slide to (—)

To turn off the microphone, slide to (o).

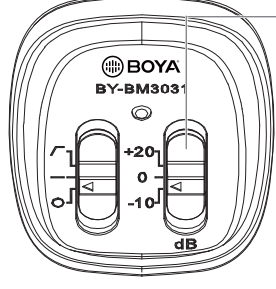
**Note:** The low-cut filter minimizes the impact of low frequency hum, camera motor noise, and similar low frequency ambient noise.



The Output Gain Control Button control will switch the microphone output gain between 0, -10 and +20dB. Press the Output Gain Control Buttons to cycle through the three settings.

**Note:**

- Use the microphone boost switch to raise the output of the microphone by 20dB without having to get closer to the subject.
- Take care when setting the audio levels especially while wearing headphones.



3. Aim the microphone at the sound source and away from unwanted sound sources (only if used on a tripod).  
**Tip:** If using a tripod, the microphone could be held below or above as well as straight in-front of the sound source.
4. Slide the power switch to OFF when you finished recording.

**TROUBLESHOOTING**

Problem	Solution
No sound was recorded	Make sure that two fresh AA batteries are installed and correctly oriented in the battery compartment. Make sure the power switch on the microphone is set to the ON position and the LED indicator is on. Make sure that 3.5mm mini plug is connected to the correct AUDIO INPUT jack on the device to which you are recording.
Microphone stops working	Verify LED is lit when power switch is in the ON position. Replace battery if not.
Sound is too quiet	Enable the microphone boost (+20dB switch), move closer to the subject, consult camera owner's manual for audio recording settings.
Sound is distorted	Make sure the microphone boost is switched off, move away from the subject, consult camera owner's manual for audio recording settings.
The microphone is stuck in the camera's shoe mount	Make sure the locking wheel is fully loosened.


**MAINTAINING YOUR MICROPHONE**

- Keep your microphone away from dust, moisture, or water.
- To clean the housing, wipe with a dry micro-fiber cloth to remove dust.
- Store your microphone in the included pouch to protect it from dirt and dust.

**IMPORTANT SAFETY INFORMATION**


- Make sure that you follow all safety notes.
- Keep these instructions for use in a safe place. If you sell the equipment or pass it on to someone else, you should also pass on these instructions for use.

**Marking on the devices**



**Waste disposal and protection of the environment**

Electric and electronic appliances, as well as batteries, must not be disposed of together with domestic waste. The user is legally obliged to return electric and electronic appliances as well as batteries to specially set up public collecting points or the sales outlet once they have reached the end of their service life. Details are regulated by national law. The symbol on the product, the instructions for use, or the packaging refers to these provisions. The recycling of waste equipment/batteries is an important contribution to the protection of our environment.



**Danger of fire and short-circuit**

- Do not operate the device with wet hands.
- Clean the equipment only in the way described in *Maintaining Your Microphone*
- Take care to avoid dropping the equipment. Make sure that the device is properly fastened and reliably mounted. If the device has been dropped, have it inspected by a skilled technician before you switch it on again.
- Should the equipment be damaged or defective, or if you notice a scorching smell, remove the batteries immediately. Do not operate the device with a damaged housing and do not repair the device yourself. Have the device only repaired by a skilled service person.
- Always keep your device in good condition, as specified in these instructions for use.
- Do not tamper with or alter the internal components of the microphone.

**Danger of suffocation caused by small parts**

- Keep the device out of the reach of children and pets.

**Precautionary measure when using the batteries.**

- Batteries/power packs, if inappropriately handled, can run out or explode.
- Please observe the following notes on safety when handling batteries to be used in this device:
  - Use only batteries mentioned in these operating instructions.
  - Do not discard of the batteries in a fire and do not expose them to direct heat.

• In order to avoid damage to the product, you must make sure that you remove the batteries, if you do not use the product over a long period of time, or if the batteries have been discharged.

• If battery fluid comes into contact with skin or clothes, rinse it off immediately with fresh water.

**FEATURES:**

- Broadcast recording quality microphone for clear, precise audio
- Super-cardioid polar pick up pattern
- Lower Noise and Higher Sensitivity
- Two step High Pass Filter (flat, 80Hz)
- Three position level control (-10dB, 0, +20dB)
- 1/4" Threaded Mount
- 3.5 Output Plug
- Durable ABS Construction

**SPECIFICATION :**

Acoustic Principle:	Line Gradient
Directional Pattern:	Super Cardioid
Frequency Response:	40-20,000Hz
Sensitivity:	-32dB±3dB@1KHz
Signal to Noise Ratio:	80dB
Dynamic Range :	120 dB
Output Impedance:	200 Ohms
Power Supply :	2 x AA batteries (not included)
Operating time with battery:	120H
PAD Switch:	-10dB,0dB,+20dB
High Pass Filter:	Two-step (flat, 80 Hz)
Output Connectors :	3.5 mm (1/8") stereo mini-jack
Size:	209.7 x 103.3 x 50mm (8.2" x 4" x 2")
Weight:	132g (4.7 oz)

感谢您选择BOYA!

BOYA BY-BM3031是一款超心型电容式枪型麦克风，可为数码单反相机、便携式摄像机、录音机等提供高品质的声音。

它具有三级增益开关，提供+20 dB增强，0 dB单位增益或-10dB衰减，以防止音频过度失真。并且还具有80 Hz的可切换高通滤波器，可以消除不必要的低频噪声和隆隆声。

轻巧的麦克风可轻松安装在配备3.5毫米麦克风插孔的任何相机上，并集成了内置减震架，有助于消除不必要的振动，从而产生过多的背景噪音。

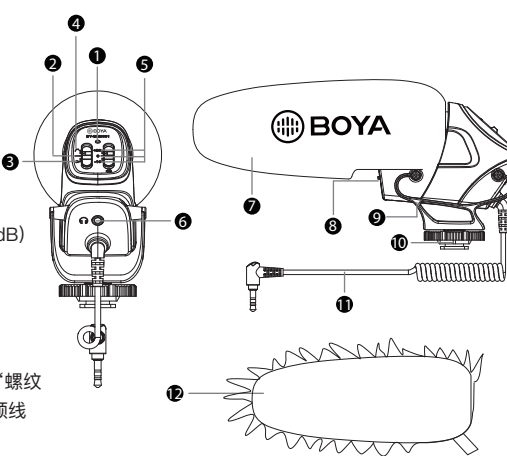
这款麦克风包括防风棉和防风毛，有助于在录制对话时减少声音爆破和风噪声，并由两节AA电池（未包含）供电长达120小时。

**产品清单**

- 麦克风
- 防风棉
- 防风毛
- 收纳袋
- 说明书

**产品介绍**

1. 电源指示灯
2. 麦克风开启
3. 麦克风关闭
4. 低切功能
5. 增益功能 (-10dB, 0, +20dB)
6. 3.5mm耳机插孔
7. 防风棉
8. 电池盒
9. 减震架
10. 冷靴座，带1/4" 螺纹
11. 3.5mm TRS音频线
12. 防风毛



**如何使用**

**安装电池**

1. 向下按电池盒盖的底部，然后将其提起。
2. 插入AA电池。
3. 关闭电池盒盖。

**安装你的麦克风**

将麦克风连接到相机：

1. 松开锁定按钮，然后将麦克风的冷靴座滑动到相机上。
2. 拧紧锁定按钮以固定麦克风。
3. 将3.5毫米音频线连接到相机MIC插口。

将麦克风连接到三脚架：

1. 将麦克风拧紧到三脚架或三脚架板上的1/4" 螺丝。
2. 将3.5毫米音频线连接到相机MIC插口。

有关详细信息，请参阅三脚架随附的说明。

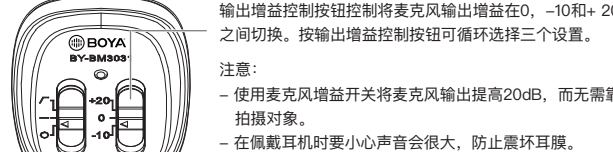
**麦克风功能介绍**

1. 打开相机电源。
2. 将电源开关滑到ON (—, Flat)，LED指示灯亮起。

要使用低切滤波器开关，请向上滑动 (↑) 以打开滤波器。

要打开麦克风开关，请滑动到 (o)

注意：低切滤波器可以最大限度地减少低频嗡嗡声，摄像机电机噪声和类似低频环境噪声的影响。



要打开麦克风增益开关，请滑动到 (—)

输出增益控制按钮控制将麦克风输出增益在0, -10和+ 20dB之间切换。按输出增益控制按钮可循环选择三个设置。

注意：

- 使用麦克风增益开关将麦克风输出提高20dB，而无需靠近拍摄对象。
- 在佩戴耳机时要小心声音会很大，防止震坏耳朵。

3. 将麦克风对准声源并远离不需要的声源（仅在三脚架上使用时）。提示：如果使用三脚架，麦克风可以保持在声源的正下方或上方以及直线前方。
4. 完成录制后将电源开关滑动至OFF。

**故障排除**

问题	解决方案
没有录音	确保安装了两节新的AA电池并正确定位在电池盒中。 确保麦克风上的电源开关设置为ON且LED指示灯亮。 确保将3.5毫米迷你插头连接到要录制的设备上正确的MIC音频插孔。
麦克风停止工作	当电源开关处于ON位置时，验证LED是否亮起。如果没有更换电池。
声音太安静了	启用麦克风增强 (+ 20dB开关)，移动更接近主题，请参阅相机用户手册以了解录音设置。
声音失真	确保麦克风增强功能已关闭，远离拍摄对象，请参阅相机用户手册以了解录音设置。
麦克风卡在相机的热靴座中	确保锁定轮完全松开。


**麦克风注意事项**

- 使麦克风远离灰尘、潮湿或水。
- 将麦克风存放在附带的小袋中，以防止灰尘进入。

**重要安全信息**


- 确保遵循所有安全注意事项
- 将这些说明保存在安全的地方。
- 如果您出售设备或将其传递给其他人，您也应该传递这些使用说明。

**在设备上标记**



**废物处理和环境保护**

电气和电子设备以及电池不得与生活垃圾一起处理。用户在法律上有义务将电气和电子设备以及电池返回到专门设置的公共收集点或销售点，一旦它们达到其使用寿命。



受国家法律管辖。产品上的符号，使用说明或包装是指这些规定。废物设备/电池的回收是对保护环境的重要贡献。

- 请勿用湿手操作设备。
- 仅按照维护麦克风中所述的方式清洁设备
- 注意避免掉落设备。确保设备已正确固定并可靠安装。如果设备已掉落，请在熟练技术人员再次打开之前对其进行检查。
- 如果设备损坏或有缺陷，或者您发现有灼热的气味，请立即取出电池。请勿在外壳损坏的情况下操作设备，也不要自行维修设备。只有熟练的维修人员才能修理设备

**使用说明**

- 请勿篡改或改变麦克风的内部组件。
- 将设备放在儿童和宠物接触不到的地方。

**使用电池时的预防措施**

- 如果处理不当，电池/电源组可能会耗尽或爆炸。
- 处理电池时，请注意以下有关安全的注意事项用于此设备：
- 为避免损坏产品，如果长时间不使用本产品，或者电池已放电，则必须确保取出电池。

**特征**

- 广播录音质量麦克风，提供清晰、精确的音频
- 超心型极化拾音模式
- 低噪声和高灵敏度
- 两步高通滤波器（平坦，80Hz）
- 三位置电平控制 (-10dB, 0, + 20dB)
- 1/4" 螺纹安装
- 3.5输出插头
- 耐用ABS结构

**参数**

声学原理:	线渐变
方向模式:	超级心形
频率响应:	40–20,000Hz
灵敏度:	–32dB±3dB@1KHz
信噪比:	80dB
动态范围:	120 dB
输出阻抗:	200 Ohms
电源:	2节AA电池
电池工作时间:	120小时
PAD开关:	–10dB,0dB,+20dB
高通滤波器:	两步(flat, 80 Hz)
输出连接器:	3.5毫米立体声迷你插孔
尺寸:	209.7 x 103.3 x 50mm
重量:	132g (4.7 oz)

**www.boy-a-mic.com**

**SHENZHEN JIAYZ PHOTO INDUSTRIAL., LTD.**

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Email: sales@boy-a-mic.com

www.boy-a-mic.com / www.jiayz.com

技术要求:

- 1、表面无色差
- 2、无正负公差
- 3、包装标注尺寸为内尺寸

长丰影像  
2020-4-13  
吴蒙蒙

JIAYZ 长丰 深圳市长丰影像器材有限公司					
子件名称	BY-BM3031 说明书			版本	V02
子件编号	1F0300300121	材质	105g双铜纸 双面印刷 6折页		
尺寸	105x178	比例	1:1	单位	mm
设计/日期	吴蒙蒙 2020-4-13	审核	暂无	核准/日期	赵宏亮