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品牌	BOYA	长丰型号	BY-BM3032

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修改名称	版本	变更内容	变更日期	变更担当
BY-BM3032说明书	V02	内容更新	2020-6-5	吴蒙蒙





BY-BM3032

Directional On-camera Microphone

机顶枪型超心型麦克风

Instruction Manual

说明书

Thanks for choosing BOYA!

The BOYA BY-BM3032 is a supercardioid on-camera shotgun microphone offering directional audio capture, adjustable gain (-10dB, 0, +20dB), High Pass Filter (0Hz, 75Hz, 150Hz) and broad device compatibility for video production, vlogging, YouTubers, and sound recordists. It also features the safety channel option on right channel which helps you select wanted sound level when you are not sure how loud the audio be captured or some unexpected screeched might be.

And a selectable 5dB boost button for high frequency can allow to used in some situation, such as using microphone outside with fur windscreen.

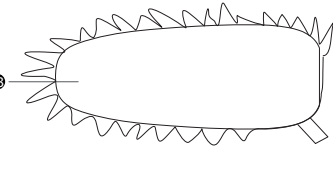
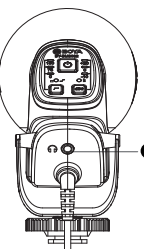
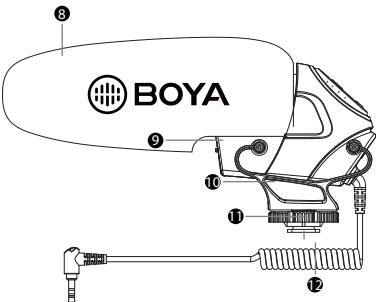
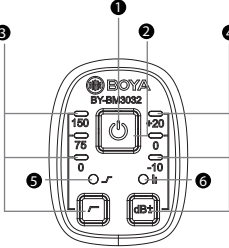
With 3.5mm TRS jack, the microphone can be used to capture audio for camcorders, DSLR, and portable recorders, It can run for approximately 30 hours on two AA batteries.

PACKAGE CONTENTS

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

INSTRUCTURE

1. Power Indicator
2. Mic ON/OFF
 - Long press power button to power ON
 - Short press power button to power OFF
3. High Pass Filter (0Hz, 75Hz, 150Hz)
4. Three position level control (-10dB, 0, +20dB)
5. High Frequency Boost LED
6. Safety Channel Indicator
7. 3.5 mm (1/8") Headphone Jack
8. Foam windscreen
9. Battery Compartment



10. Shock Mount

11. Camera Shoe Mount with 1/4" Thread

12. 3.5 mm (1/8") TRS Audio cable

Note: Cable in illustrations is shown shorter for clarity. The actual cable is longer than the one pictured.

13. Fur windscreen

HOW TO USE

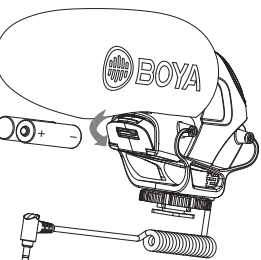
INSTALLING THE BATTERY

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

SETTING UP YOUR MICROPHONE

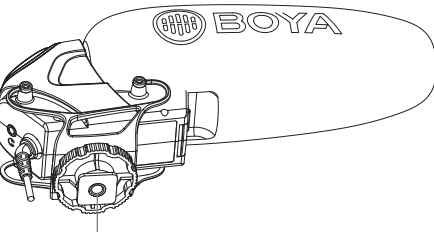
To attach your microphone to a camera:

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.






1/4" mounting threads

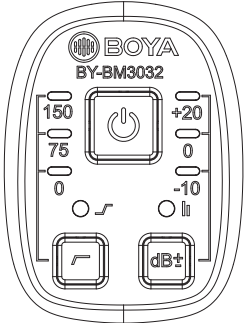
USING YOUR MICROPHONE

High-Pass Filter

- Short press low-cut filter switch () to select filter settings (0Hz, 75Hz, 150Hz).

High Frequency Boost

- Long press High-Pass Filter switch () to boost high frequency by 5dB. When this function activate, the () LED will stay blue.
- Long press High-Pass Filter switch () again to cancel this function, the LED will be off.





Sound Gain Level

- Short press (dB±) button to select settings(-10dB, 0, +20dB)

The safty Channel

- Long press (dB±) button to make the output of the right channel of the dual-mono signal lower by 10dB, the LED (dB±) will stay blue.
- Long press (dB±) button again to cancel this function, the LED (dB±) will be off.
- If you're not sure how loud the audio you're capturing or unexpected spikes might be, you can set the right channel to record at a lower 10dB for safety.

Automatic Power Function

- Short press power botton twice () for 1 seconds to activate automatic Power ON/OFF. When plug microphone into a DSLR camera or portable recorder's 3.5mm microphone input, the microphone can be automatically power ON/OFF when equipment (DSLR camera or portable recorder) is ON/OFF.
- Short press power botton twice () for 1 seconds to cancel automatic Power ON/OFF.

Status	
The automatic Power ON/OFF function is activate.	The Power LED indicator flashes 3 times.
The automatic Power ON/OFF function is cancelled.	The Power LED indicator flashes 1 time.

FEATURES:

- For DSLR, Camcorder, Audio recorder
- Excellent Off-Axis Signal Rejection
- Super-cardioid Polar Pattern
- Low Noise and Distortion
- 20 Hz to 20 kHz Frequency Response
- Features the Safety Channel function for Right Channel
- Automatic Power Function
- Three-step High Pass Filter (0Hz, 75Hz, 150Hz)
- Three position level control (-10dB, 0, +20dB)
- 3.5mm (1/8") Mini-Jack Output
- Includes fur Windjammer
- 2*1.5V Battery Powered

SPECIFICATION :

Acoustic Principle:	Line gradient
Polar Pattern:	Super-cardioid
Frequency Response:	20 – 20,000 Hz
Sensitivity:	-30±3dB (0dB=1V/Pa @ 1KHz)
Output Impedance:	200Ω
S/N:	85dB
Gain Control:	-10dB, 0dB, +20dB
High Pass Filter:	0Hz, 75Hz, 150Hz
Output Connector:	3.5 mm (1/8") stereo mini-jack
Power Requirement:	1.5V*2AA
Operating time with battery:	30H
Size:	209.7 x 103.3 x 50mm (8.2" x 4" x 2")
Weight:	180g (6.3 oz)

感谢您选择BOYA!

BOYA BY-BM3032是一款超心型的专业级机顶麦克风，具有可选择增益值（-10dB,0,+20dB），低切过滤器（0Hz,75Hz,150Hz）强大的兼容性等特点。适用于录制制作、vlogging、音效录制等场合。此外，麦克风的右声道还具有安全通道功能，可根据自身需要调节到合适的音量大小，避免爆破音和意外的啸叫产生。

+5dB高频增益开关功能为在外录制场景而设计，即使佩戴防风毛也能清晰捕捉声音。

BY-BM3032带有3.5mm TRS 输出孔可将录音传输到单反、摄影机、便携式录音笔等设备。

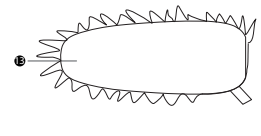
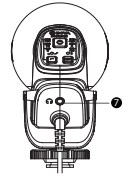
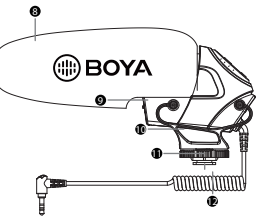
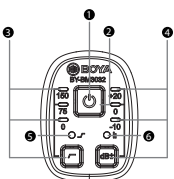
设备由两节AA电池供电，BY-BM3032续航时间为30个小时。

包装清单

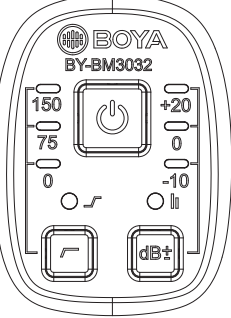
- 麦克风
- 防风棉
- 防风毛
- 束口袋
- 用户手册

产品结构

1. 电源指示灯
2. 电源开关
 - 长按打开/短按关闭
3. 低切过滤器（0Hz,75Hz,150Hz）
4. 三档增益（-10dB,0,+20dB）
5. 高频增益指示灯
6. 安全通道指示灯
7. 耳机监听孔
8. 防风棉
9. 电池仓
10. 防震架
11. 1/4" 螺丝孔
12. 3.5mm TRS输出线
13. 防风毛



1/4" 螺丝孔



操作步骤

安装电池

1. 按压电池仓开关，打开电池盖。
2. 放入两枚AA电池，确保电池正负极按正确指示放入。
3. 关上电池盖。

麦克风设置：

麦克风安装在相机上：


1. 扭松冷靴座旋钮，将麦克风装入相机。
2. 扭紧旋钮确保麦克风已固定到位。
3. 连接麦克风和相机时，使用提供的3.5mm TRS相机线。

麦克风安装在三脚架上：



1. 旋紧旋钮将麦克风固定在三脚架的1/4" 螺丝孔上。
2. 连接麦克风和相机时，使用提供的3.5mm TRS相机线。

麦克风功能

低切过滤器

- 短按低切键选择低切设定 () (0Hz, 75Hz, 150Hz)

高频增益功能

- 长按低切按钮选择5dB的增益，LED灯蓝光常亮 ()
- 再一次长按低切按钮取消5dB的增益，LED灯熄灭 ()



声音增益功能

- 短按 (dB±) 键选择增益设定（-10dB,0,+20dB）

安全通道

- 长按一次 (dB±) 键开启安全通道功能，LED灯蓝光常亮。
- 再长按一次 (dB±) 键，关闭安全通道功能LED灯灭。
- 麦克风的安全通道功能，可将右声道调小10dB的音量，避免爆破音和意外的啸叫产生。

自动开关电源

- 连接开关键两次，打开自动开关电源功能 () 麦克风会自动跟随输入设备（单反或录音笔）的电源开关状态开启或关闭。输入设备(单反或录音笔) 开启，麦克风电源也会自动开启。
- 连接开关键两次，取消自动开关电源功能 ()

状态	
自动开关电源功能ON/OFF开启	电源灯闪三次
自动开关电源功能ON/OFF关闭	电源灯闪一次

特点：

- 适用于单反、摄影机、录音笔
- 超强指向型
- 超心型拾音模式
- 低噪音和失真真率
- 20Hz到20kHz频率响应
- 安全通道功能
- 自动开关电源功能
- 低切功能（0Hz, 75Hz, 150Hz）
- 高频增益5dB
- 三档增益（-10dB,0,+20dB）
- 3.5 mm TRS输出孔
- 配备防风棉
- 两节AA电池供电

参数：

声学原理	线性输出
拾音模式	超心型
频率响应	20-20,000Hz
灵敏度	-30±3dB (0dB=1V/Pa @ 1KHz)
输出阻抗	200Ω
信噪比	85dB
增益	-10dB, 0dB, +20dB
低切	0Hz, 75Hz, 150Hz
输出孔	3.5 mm TRS输出孔
电源	两节AA电池
续航时长	30小时
尺寸	209.7 x 103.3 x 50mm
重量	180g

www.boy-mic.com

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TEL: +86 0 6131096
Email: sales@boy-mic.com
www.boy-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



JIAYZ 长丰 深圳市长丰影像器材有限公司					
子件名称	BY-BM3032说明书		版本	V02	
子件编号	1F0300300203	材质	105g双铜纸	双面印刷	5折页
尺寸	105x178	比例	1：1	单位	mm
设计/日期	吴蒙蒙 2020-6-5	审核	暂无	核准/日期	赵宏亮