



## BY-BM3032

Directional On-camera Microphone  
Instruction Manual

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.

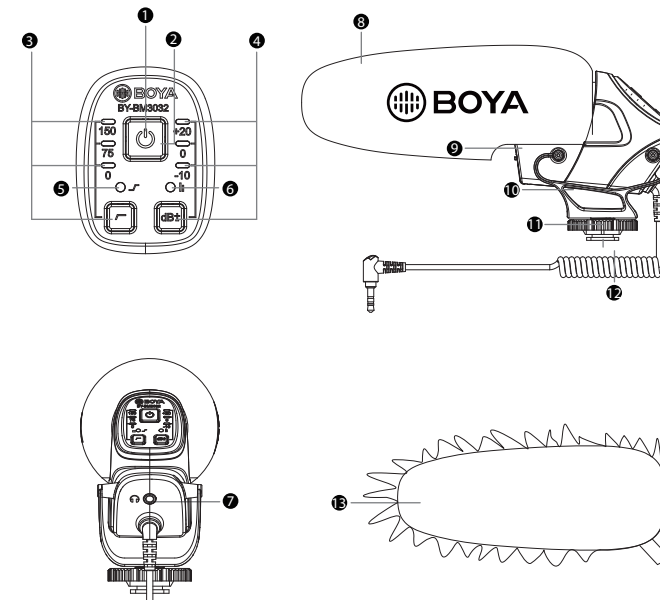
With 3.5mm TRS jack, the microphone can be used to capture audio for camcorders, DSLR, and portable recorders, It can run for approximately 30 hours on two AA batteries.

### 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

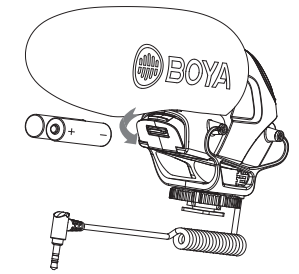


10. Shock Mount
11. Camera Shoe Mount with 1/4" Thread
12. 3.5 mm (1/8") TRS Audio cable
  - Note:** Cable in illustrations is shown shorter for clarity. The actual cable is longer than the one pictured.
13. Fur windscreen

### 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.



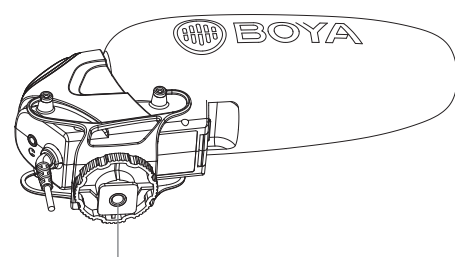
#### SETTING UP YOUR MICROPHONE

##### 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

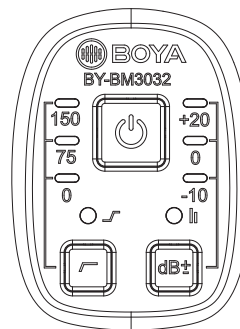
#### USING YOUR MICROPHONE

##### 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

- Long press power button ( ) 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.
- Long press power button ( ) 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)

[www.boyam-mic.com](http://www.boyam-mic.com)

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