



## QUICK SETUP GUIDE

# Shotgun Microphone

BY-VM600

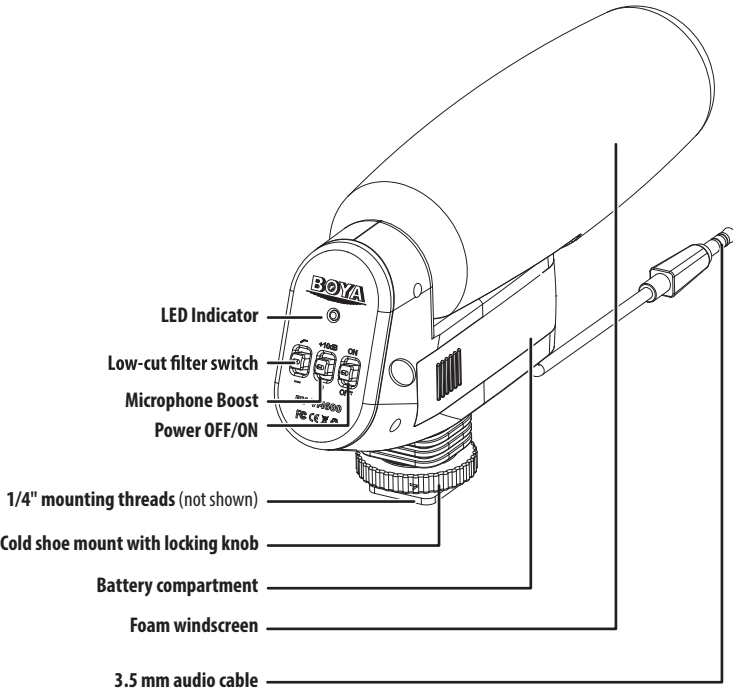
## PACKAGE CONTENTS

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

**TIP:** Use this microphone with your camera before recording an important event. Make sure that you are familiar with its operation with your specific camera and verify the audio recording results are as expected.

## FEATURES

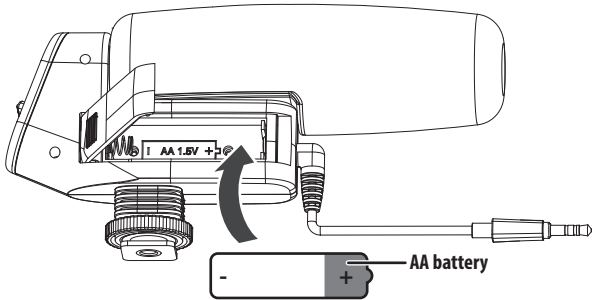
- Directional shotgun-style microphone captures the audio in your frame while rejecting unwanted background noise
- Premium microphone capsule for clear, precise audio
- Works with cameras with standard 3.5mm (1/8") microphone input
- Powered design maximizes compatibility and sound quality
- Built-in shock mount minimizes unwanted vibrations to microphone
- Windscreen lowers wind noise and protects from small bumps.



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

## INSTALLING THE BATTERY

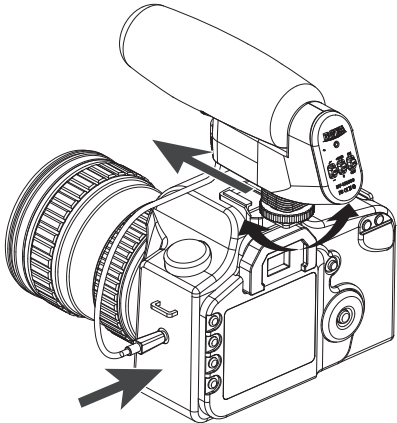
- 1 Slide the battery compartment lid right and lift it up.
- 2 Insert the AA battery. Make sure that the + and – signs match the symbols in the compartment.
- 3 Replace the battery compartment lid.



## SETTING UP YOUR MICROPHONE

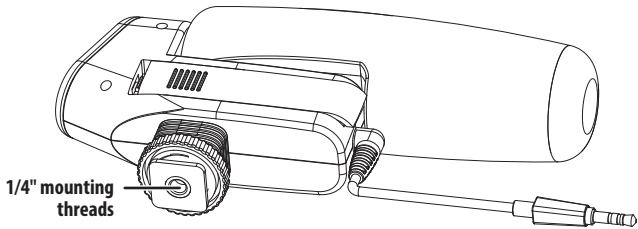
### To attach your microphone to a camera:

- 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.



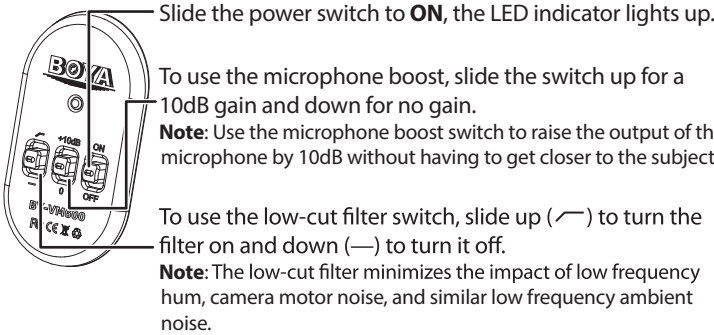
### To attach your microphone to a tripod:

- 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 Install the battery in your microphone.



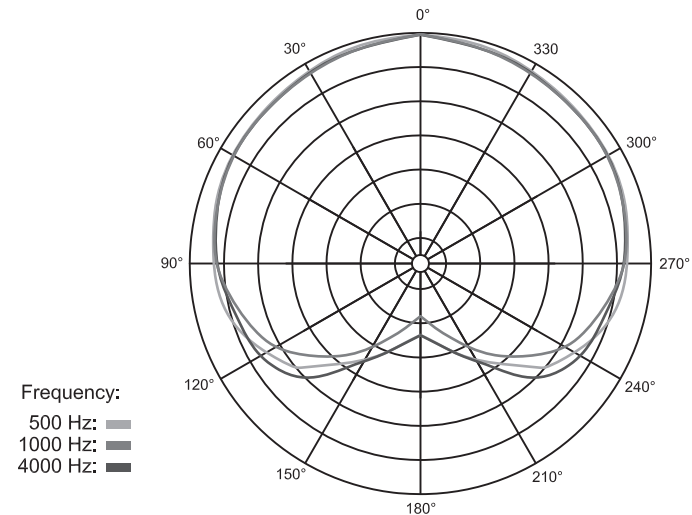
- 3 Aim the microphone at the sound source and away from unwanted sound sources (only if used on a tripod).

**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 are finished recording.

SPECIFICATIONS

- **Transducer:** Condenser
- **Acoustic Principle:** Line plug gradient
- **Frequency Response:** 35-18,000Hz
- **Sensitivity:** -38dB +/- 1dB / 0dB=1V/Pa, 1kHz
- **Signal to Noise Ratio:** 78dB
- **Power Supply:** 1.5V battery
- **PAD Switch:** 0dB,+10dB
- **Plug:** 3.5mm jack plug
- **Filter:** Controlled by low-cut filter switch
- **Dimensions** (L x H x W): 6.7 x 3.5 x 1.8 in. (171 x 88 x 45 mm)
- **Net Weight:** 3.35 oz. (95 g)
- **Operating temperature:** 14°F to 131°F (-10°C to +55°C)
- **Storage temperature:** -4°F to 167°F (-20°C to +75°C)
- **Polar pattern:** Cardioid:



TROUBLESHOOTING

- **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 (+10dB 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.


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.

LEGAL NOTICES

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
—Reorient or relocate the receiving antenna.  
—Increase the separation between the equipment and receiver.  
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
—Consult the dealer or an experienced radio/TV technician for help.

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BOYA AUDIO EQUIPMENT (SHENZHEN) CO., LIMITED  
Add: A16 building, New Material Industrial Park of Silicon Valley Power, Guanlan Town, Shenzhen, China  
Tel: (86)0755-28435910  
Email: sales@boya-mic.com