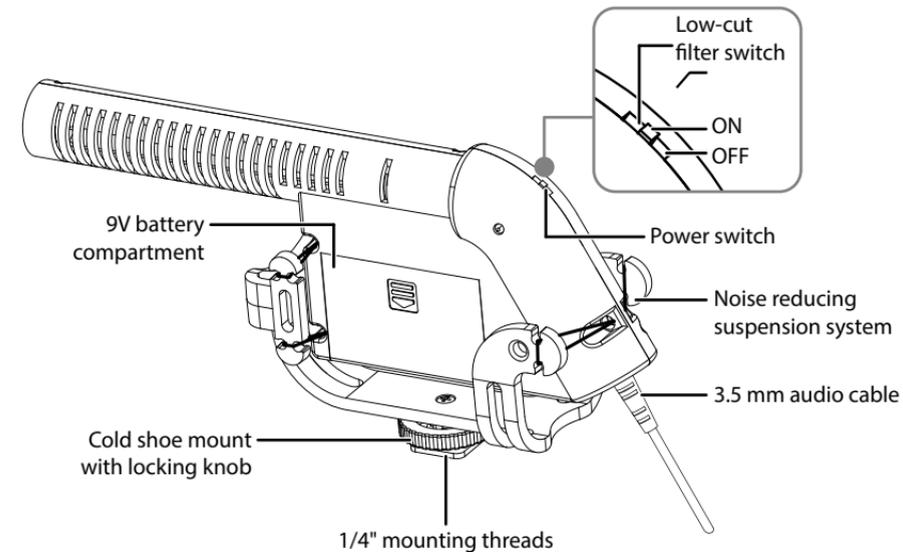


PACKAGE CONTENTS

- Microphone
- Alkaline 9V battery
- Foam windscreen
- Pouch
- Spare rubber bands
- Quick Setup Guide

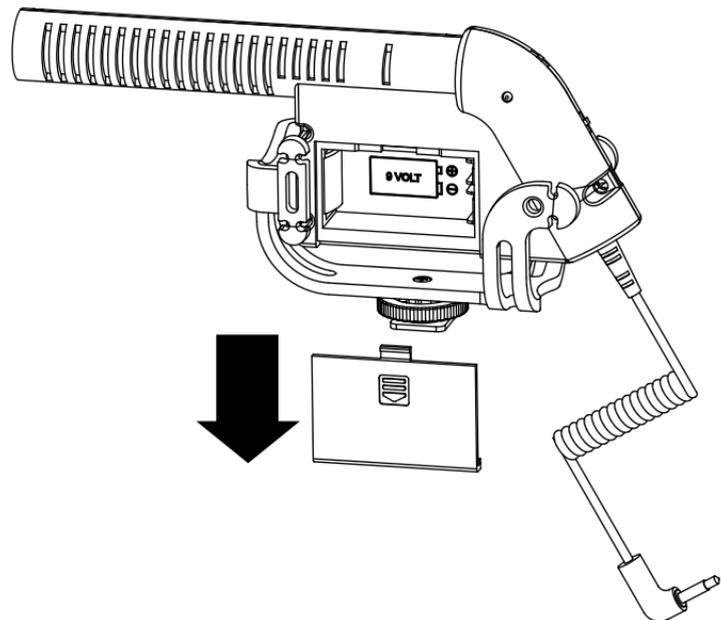
FEATURES

- Super-cardioid polar pattern picks up more frontal sound
- Two-step high-pass filter minimizes noise
- 3.5 mm audio plug connects to recording devices
- Built-in shock mount reduces vibrations



INSTALLING THE BATTERY

- 1 Slide the battery compartment lid down and lift it off.
- 2 Match the large (-) terminal on the battery to the small terminal on the clip, then snap the terminals firmly together.
- 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.
- Note:** Make sure that your camera is set up to use an external microphone. See the instructions that came with your camera for more information.

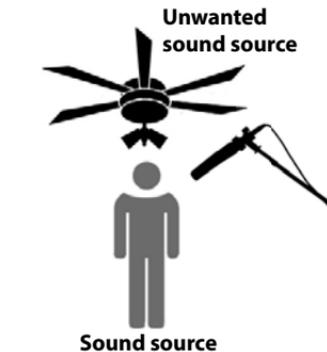
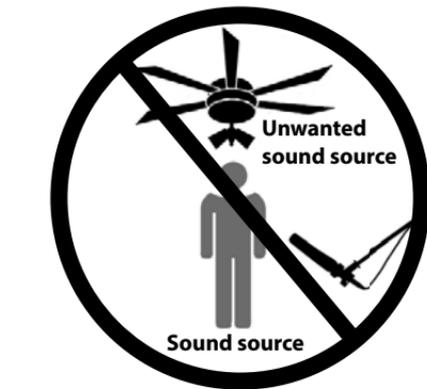
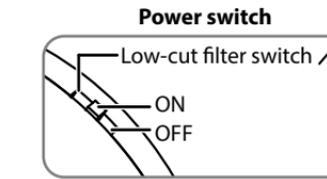
To attach your microphone to a tripod:

- 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.
- Note:** You can also attach the microphone to a boom or pistol grip using the 1/4" mounting threads. See the instructions that came with your boom or pistol grip for more information.

USING YOUR MICROPHONE

- 1 Turn on your camera.
 - 2 To turn on your microphone:
 - Slide the power switch to **ON**.
 OR
 - To use the low-cut filter, slide the power switch to .

Note: The low-cut filter minimizes the impact of low frequency hum, camera motor noise, and similar low frequency ambient noise.
 - 3 Aim the microphone at the sound source and away from unwanted sound sources.
- Tip:** If using a tripod or a boom, 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.

USING YOUR WINDSCREEN

- To prevent noise if the microphone is moving or in wind, slide the foam windscreen onto your microphone.
- Note:** When using the microphone in high wind, use a zeppelin windscreen (not included).

IMPORTANT SAFETY INFORMATION

- Please read these instructions completely before you use this equipment for the first time. It contains everything you need to know in order to avoid damage to yourself or property.
- 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.

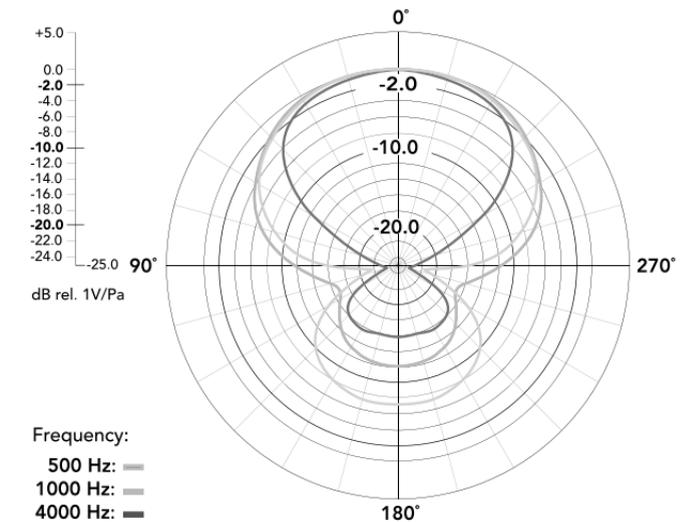
MAINTAINING YOUR MICROPHONE

- 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.

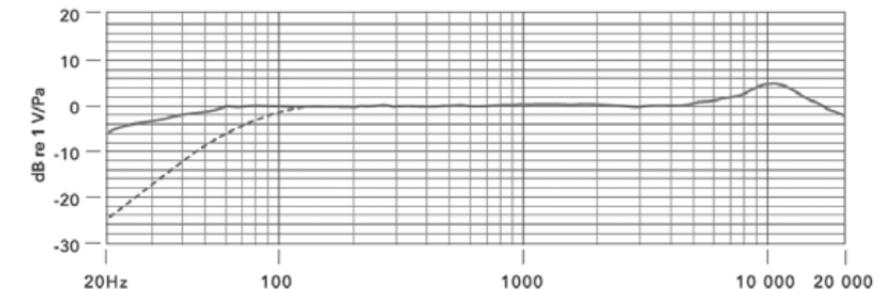
SPECIFICATIONS

Type	Condenser microphone (directional)
Polar pattern	Super-cardioid
Frequency response	40-20,000HZ
Sensitivity	-40 dB +/- 1dB / 0 dB=1V/Pa, 1 kHz
Signal-to-noise ratio	75 dB or more
Output impedance	200 Ohm or less
Power	9V lithium or alkaline battery
Plug	Mini-pin plug (3.5 mm)
Filter	Controlled by low-cut filter switch
Dimensions (LxHxD)	8.7 x 4.0 x 2.3 in. (22.0 x 10.2 x 5.8 cm)
Net weight	.27 lbs. (121 g)
Pickup angle	45°

Polar curve



Frequency response



TROUBLESHOOTING

PROBLEM	SOLUTION
Microphone doesn't record.	<ul style="list-style-type: none">• The battery may be dead. Try replacing the battery.• Make sure that your microphone is turned on.• Make sure that the 3.5 mm audio cable is connected correctly and securely to your microphone and your recording device's microphone jack.• Make sure that your camera is set up to use an external microphone. See the instructions that came with your camera for more information.
Audio is too quiet.	<ul style="list-style-type: none">• Aim the microphone at the sound source and away from unwanted sound sources.• Move closer to your sound source.• Turn on the low-cut filter setting to reduce low frequency noise.• Make sure that your camera is set up to use an external microphone. See the instructions that came with your camera for more information.
Audio cuts in and out.	<ul style="list-style-type: none">• Aim the microphone at the sound source and away from unwanted sound sources.• Make sure that the 3.5 mm audio cable is connected correctly and securely to your microphone and recording device's microphone jack.• Move closer to your sound source.

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 part 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.

ONE-YEAR LIMITED WARRANTY

For complete warranty, visit www.insigniaproducts.com.

CONTACT INSIGNIA

1-877-467-4289 (U.S. and Canada) or 01-800-926-3000 (Mexico)

www.insigniaproducts.com

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