

MVP-6

# DIRECTIONAL SHOTGUN MICROPHONE

FOR DSLR, SMARTPHONES, AND  
PORTABLE RECORDERS

PRODUCT  
MANUAL



POLSEN®

## THANK YOU FOR CHOOSING POLSEN.

The Polsen MVP-6 Directional Shotgun Microphone is a great addition to mobile journalists' and vloggers' rigs. It vastly improves the audio over the built-in mics on smartphones, DSLRs, point-and-shoots, and video cameras, for professional-sounding interviews, documentaries, and run-and-gun productions.

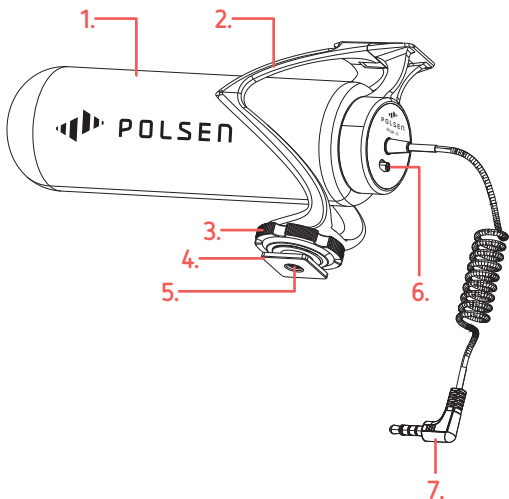
The MVP-6 can be mounted on a camera's shoe mount or onto a tripod, and it plugs into a DSLR, smartphone, or portable recorder's 1/8-inch audio input jack. The supercardioid polar pattern and shotgun design focus on the sound directly in front of the microphone while rejecting off-axis sound and noise. To minimize handling noise and any vibrations that might affect your recording, the MVP-6 comes with its own shock mount. Anti-interference design and low-noise electronics assure an audio signal that's free of noise and interference.

## PRECAUTIONS

- Please read and follow these instructions, and keep this manual in a safe place.
- Keep this product away from water and any flammable gases or liquids.
- Use only the batteries recommended in this manual.
- Do not attempt to disassemble or repair this product yourself.
- Handle this product with care.
- Clean this product with only a soft, dry cloth.
- Make sure that this product is intact and that there are no missing parts.
- To avoid damaging the product, remove the battery during long periods of nonuse.
- All images are for illustrative purposes only.

## OVERVIEW

1. Microphone and foam windscreen
2. Shock mount
3. Locking wheel
4. Mounting foot
5. 1/4-20 socket
6. Smartphone/camera selector
7. 1/8 in. camera audio cable



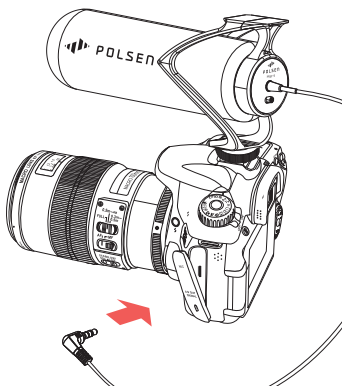
## THE WINDSCREEN

The MVP-6 comes with an integrated foam windscreen to reduce wind noise in a light breeze.

## CAMERA MOUNTING AND OPERATING THE MVP-6

1. Rotate the shock mount's locking wheel counterclockwise to loosen it.
2. Slide the mounting foot all the way into your camera's hot shoe.
3. Rotate the locking wheel clockwise until secure.
4. Plug the audio output cable into the 1/8 in. audio input jack on the recording device or camera.
5. Set the selector to the appropriate smartphone or camera setting.

**Note:** Smartphones that have a lightning or USB Type-C™ connector will require an adapter (sold separately).

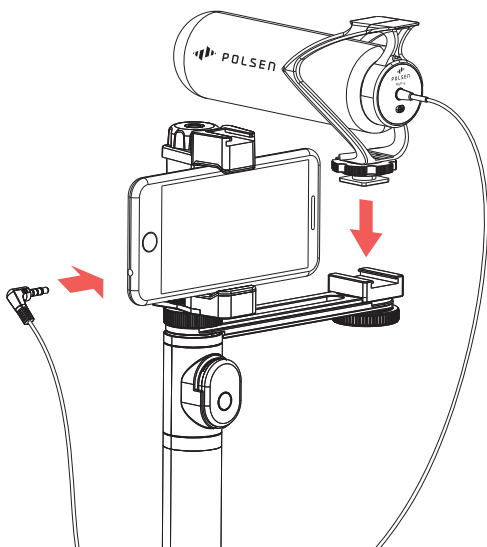


## TRIPOD USE

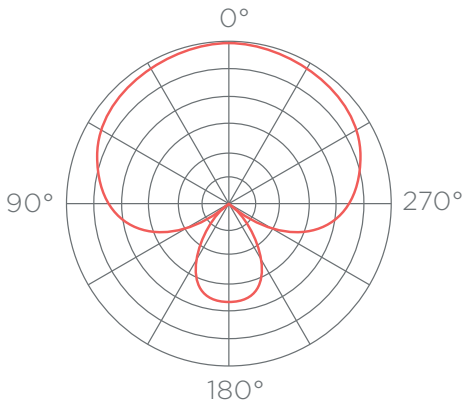
The shock mount is equipped with a 1/4-20 socket for mounting the MVP-6 onto a tripod. Screw the shock mount and microphone onto a tripod's 1/4-20 stud until secure.

## SMARTPHONE USE

Insert the smartphone into a smartphone video rig or handheld rig, and mount the MVP-6 onto an available shoe mount or 1/4-20 stud.



# SUPERCARDIOID POLAR PATTERN



## TROUBLESHOOTING

| Problem                 | Solution                                                                                                                                                                                                                                                                                                                               |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The sound is distorted. | <ul style="list-style-type: none"><li>• Make sure the microphone's audio cable is fully plugged into the camera, smartphone, or recorder audio input jack.</li><li>• Decrease the audio input level on the recording device.</li><li>• If there is no input level control, move the microphone farther away from the source.</li></ul> |
| The sound is too low.   | <ul style="list-style-type: none"><li>• Make sure the microphone's audio cable is fully plugged into the camera, smartphone, or recorder audio input jack.</li><li>• Increase the audio input level on the recording device.</li><li>• If there is no input level control, move the microphone closer to the source.</li></ul>         |

## SPECIFICATIONS

**Transducer** Electret condenser

**Polar Pattern** Supercardioid

**Frequency Response** 40 Hz to 20 kHz

**Sensitivity** -34 dB  $\pm$ 3 dB

**Impedance** 2.2 k $\Omega$

**Signal-to-Noise Ratio** >68 dB

**Maximum SPL** >100 dB

**Power Requirement** 1 to 10 V plug-in power

**Cable** 1/8 in. (3.5 mm) TRRS

**Diameter** 1.6 in. (4 cm)

**Length** 6.3 in (16 cm)

**Weight** 1.8 oz. (52 g)