



Parts Diagram

1. SGM2 Microphone
2. Microphone cable port (3.5mm TRS)
3. Shockmount
4. Cold foot
5. Locking ring
6. 1/4"-20 Mounting thread
7. 2.5mm Audio cable for cameras (TRS)
8. 3.5mm Audio cable for cameras (TRS)
9. 3.5mm Audio cable for smart devices (TRS)
10. Foam Windscreen
11. Furry Windscreen

Thank you for your purchase of the ProMaster SGM2 microphone. This kit will help to improve the audio for a variety of devices from cameras and camcorders to smartphones and more. Better audio makes for a better video experience.

Please read through the following instructions so you can properly mount and connect the SGM2. Also pay attention to the Tips for Operation section at the end to get some pointers on what settings to check on your camera or smart device to ensure proper operation with the SGM2.

Specifications:

- + Polar Pattern: Cardioid
- + Capsule: Electret Condenser
- + Sound Field: Mono
- + Frequency Response: 35 Hz – 18 kHz
- + Maximum SPL: 130dB
- + Sensitivity: -42.0 dB re 1 Volt/Pascal (7.9 mV @ 94 dB SPL) +/- 2 dB @ 1 kHz
- + Signal to Noise Ratio: 76 dB SPL
- + Power: Plug-in-power 3-10 V
- + Output Connection: 3.5mm TRS
- + Dimensions: 27/32" x 3 7/32" / 21 mm x 82 mm
- + Weight: 1 1/8 oz / 32 g

One Year Unconditional Warranty

If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return this product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If, at any time after one year, your ProMaster product fails under normal use, we invite you to return it to ProMaster for evaluation.

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SGM2 [Mini Directional Microphone]



Mounting the Microphone

It is important to use the SGM2 microphone with its shockmount (3) whenever possible. The shockmount provides a convenient mounting connection and it dampens vibrations to ensure the best audio quality.

Start by connecting the shockmount (3) to the microphone (1). Notice the indented ring on the body of the SGM2 located about 1" / 25mm from the back of the mic. Line this area up with the top of the shockmount and press the mic into the mount with light pressure. See figure 1.



Once the SGM2 is installed into the shockmount you can connect it to a camera, camcorder, bracket, or other device that has a hot shoe or cold shoe. Slide the shockmount's cold foot (4) into the shoe of the camera/device and then tighten the locking ring (5). See figure 2.

Alternatively, you can use the common 1/4"-20 mounting thread (6) found in the bottom of the shockmount to attach it to a light stand, boompole, clamp, bracket, or anything that has a 1/4"-20 male bolt. See figure 3.

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Choosing an Audio Cable

For the SGM2 to function properly it must be paired with the correct audio cable; and the cable must be installed properly.

Each of the three audio cables included with this kit has a side that connects directly to the port on the back of the SGM2. That side is labeled "Microphone". This is a 3.5mm TRS port.

Opposite the "Microphone" side of each audio cable is a label for the device it most often connects to. These ends are labeled as "Camera/Camcorder" or "Smart Device".

You will notice two cables are labeled "Camera/Camcorder" and the sizes of these two connections are different. The larger (3.5mm TRS) connection labeled "Camera/Camcorder" is more common. The smaller (2.5mm TRS) connection is less common, but found on some cameras and camcorders. Simply use whichever of the two sizes properly fits the jack on your camera or camcorder. Or, use the cable with the end labeled "Smart Device" (3.5mm TRRS) for most smartphones, tablets, and computers.

After selecting the proper cable, connect the Microphone end with the back of the SGM2 and connect the other end with the camera or smart device. See figures 4 and 5.

* Please note: The 3.5mm Audio cable for cameras (TRS) identified as number 8 on the Parts Diagram is reversible (since both sides are the same). However, this cable has labels for "Camera/Camcorder" and "Microphone" for ease of use and convenience.

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Using the Windscreens

Two types of windscreen are included with this kit. The foam windscreen (10) is great for general-purpose use. It will reduce unwanted noise from light movement of air. Use the foam windscreen indoors or outdoors on calm days. The furry windscreen (11) reduces wind noise when it is more prevalent. Use it outdoors on days when you can feel the wind blowing. The windscreens also help protect the microphone from accidental damage (bumps and drops).

Once chosen, simply slide the preferred windscreen over the front of the SGM2.

Tips for Operation

* Please refer to your recording device's instruction manual for more information about these topics.

- The SGM2 does not require batteries. It functions by plug-in power. In some devices plug-in power is a setting which needs to be turned on.
- Your camera or smart device may not automatically recognize the use of an external microphone. Check its settings to be sure the audio input is set for an external mic.
- Be sure to turn off the automatic gain control (AGC) in your camera or recording device. In most cases using AGC with an external mic will create poor audio.
- Watch your camera's audio levels (if available) and manually adjust them as needed.

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