



SGM1 *Compact Shotgun* **Microphone**

Thank you for purchasing the ProMaster SGM1 Compact Shotgun Microphone. For the best performance, please read this manual thoroughly before using the product.

The SGM1 is a directional microphone. By mounting it to the top of your camera or camcorder it is pointed in the same direction as your lens. This ensures the audio will be focused on your subject while distracting background noise is reduced. Your videos will benefit from clearer, more understandable sound.

Precautions.

- Avoid water, rain, and moisture as it can damage the SGM1
- Avoid extreme temperatures, especially above 60°C / 140°F.
- The SGM1 microphone is a sensitive, precision instrument. Avoid dropping or shaking it.
- Use only a high quality 1.5V alkaline AA battery. Lower voltage rechargeable batteries may not provide proper operation.
- Remove the battery from the microphone when it is not in use for an extended period of time.
- Do not disassemble or attempt to repair this product yourself. Doing so will void the warranty.
- Keep the product and parts away from small children to avoid hazard from choking or swallowing.

In The Box

- SGM1 Compact Shotgun Microphone
- Shoe-mount microphone holder
- Coiled 3.5mm to 3.5mm male audio connection cable
- 2 Foam windscreens
- AA battery
- Product manual

Battery Installation

1. Unscrew the base of the microphone then pull it away from the SGM1 body.



2. Insert the battery according to the "+" "-" sign in the compartment. Please be careful to install the battery in the proper orientation and use a high quality 1.5V AA. Do not use lower a lower voltage rechargeable battery.



3. Return the base of the microphone to its original position and screw it back in place.



Connecting The Microphone To Your Camera

1. With your camera powered OFF slide the foot of the shoe mount microphone holder all the way into your camera's shoe mount. Next rotate the wheel clockwise to tighten it. Now mount one foam windscreen onto the microphone head.



2. With the SGM1 powered OFF mount it to the shoe mount microphone holder. It will 'clip' into place with light pressure. You can adjust the angle of the microphone head by loosening the thumb screw on the side of the shoe mount holder, tilting the assembly, and then re-tightening the thumb screw.



3. Now use the coiled cable to connect the SGM1 to your camera's audio input jack.



Operation

Power ON both your camera and the SGM1 microphone. Use the SGM1's ON / OFF switch and watch the red LED light illuminate to confirm you have battery power. Operate your camera in video mode as you normally would. Most cameras will automatically switch from their internal mic system to an external microphone by recognizing it is connected to the input jack. You may find the audio performance of your camera improves even more by adjusting or turning OFF your camera's AGC or Automatic Gain Control. Refer to your camera's instruction manual for more information.

Note: It is important to watch the red LED power light on the SGM1 is illuminated during your videography. If the light goes out be sure to replace the battery before continuing to take video. A loss of power in the SGM1 may result in no audio being recorded whatsoever.

Specifications

Frequency response: 30-18000Hz

Sensitivity: -40dB (0dB=1V/Pa at 1KHz)

Direction: Unidirectional

Polar pattern: Cardioid

Output Impedance: 200Ω

Signal to noise ratio: 76dB (1KHz at 1 Pa)

Max SPL (sound pressure level): 120dB (at 1 KHz±1%T.H.D.)

Power: 1.5V AA battery

Length of cable: 25cm, stretchable to 50cm

Dimensions: 185mm x 22mm (7 3/16" x 7/8") (microphone body only)

Weight: 75g / 2.6 oz (not including battery, windscreen, or cable)

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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