

## Parts Diagram

1. LM1 Microphone
2. Alligator Clip
3. Belt Clip
4. LM1 Input Switch
5. LED light
6. Battery hatch
7. Foam Windscreen
8. Furry Windscreen
9. 16 1/2' extension cable
10. 3.5mm to 6.35mm adapter
11. CR2032 battery

Thank you for your purchase of the ProMaster LM1 microphone. It is a terrific device for improving the sound quality captured while recording video. The LM1 is designed to work close to the source of sound, which is often your own voice. The distance from your mouth to shirt collar is ideal and will allow the LM1 to "hear" you while reducing other outside noises.

Please read these instructions carefully to understand and get the best performance from your new microphone.

## Specifications:

- + Polar Pattern: Omnidirectional
- + Capsule: Electret Condenser
- + Sound Field: Mono
- + Frequency Response: 50 Hz – 18 kHz
- + Maximum SPL: 105 dB
- + Sensitivity: -65.0 dB re 1 Volt/Pascal  
(7.9 mV @ 94 dB SPL) +/- 3 dB @ 1 kHz
- + Signal to Noise Ratio: 75 dB SPL
- + Power: 3 V (CR2032 battery)
- + Output Connection: 3.5mm TRRS
- + Main Cable Length: 4' / 1.22 m (mic to TRRS connector)
- + Extension Cable Length: 16 1/2' / 5 m
- + Weight: 1 oz / 28 g  
Weight does not include extension 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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# LM1 [Omnidirectional Lavalier Microphone]



## Installing the Battery

Remove the battery hatch (6). Locate the included CR2032 battery (11) and remove its packaging. Insert the CR2032 with the – side going face-down and the + side facing up, towards the battery hatch opening. Reinstall the battery hatch (6).



## Mounting the Microphone

The alligator clip (2) is normally used for attaching the LM1 to a shirt collar. This clip should already be attached to the LM1 when you first open the box. If it is not, locate the alligator clip (2) and snap it onto the LM1 just below the microphone tip. You can also reverse the direction of the alligator clip by pulling it off the LM1, changing its direction and reattaching it.

Squeeze the alligator clip (2) to open its jaws and attach it to a shirt or anyplace near the source of sound for the LM1 (most often your own voice). Use the belt clip (3) to attach the switch-body portion of the LM1 to a belt or other area of clothing that is not very conspicuous.

Because the LM1 has an Omnidirectional sound pickup you can position it in whatever orientation is most convenient.

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## Using the Windscreens

Two types of windscreen are included with this kit. The foam windscreen (7) 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 (8) reduces wind noise when it is more prevalent. Use it indoors on days when you can feel the wind blowing.

Once chosen, simply slide the preferred windscreen over the mic capsule (tip) of the LM1.



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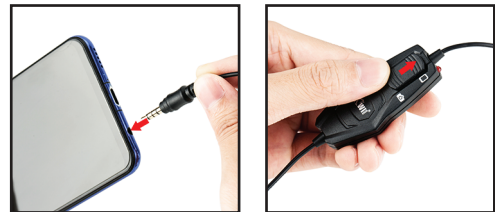
## Setting the Microphone

The LM1 works with a wide variety of devices from cameras and camcorders to smartphones and tablets. For a camera, camcorder or any device with a 3.5mm TRS audio input jack, set the LM1 input switch (4) to the “camera” icon setting. The small, red LED light (5) will illuminate in this setting. For smartphones, tablets, computers, and other devices using a 3.5mm TRRS audio input jack, set the LM1 input switch to the “smart device” icon setting. The small, red LED light (5) will go dark in this mode.

3.5mm TRS audio input jack



3.5mm TRRS audio input jack



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## Tips for Operation

- When not in use for a short period of time, set the LM1 input switch (4) to its smart device setting to save battery power
- When not in use for an extended period of time, remove the CR2032 battery from the LM1 to conserve the battery and avoid the danger of leaking.
- The main audio cable of the LM1 is 4' long, which is great for clipping the main mic capsule to a shirt collar, attaching the switch body to a belt and running the cable behind your back or through your shirt. From there, the cable can be plugged into a recorder or wireless audio transmitter. Or, you can connect the 16 ½' extension cable to hard-wire the LM1 to your recording device which may be further away.

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