

USER'S GUIDE



MS-66-K

**DSLR VIDEO MINI SHOTGUN
MICROPHONE KIT**

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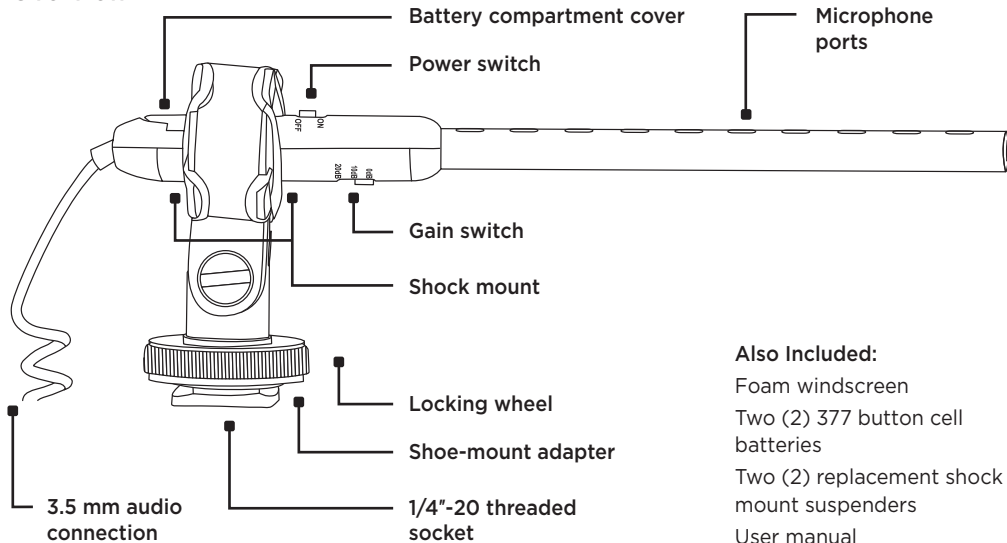
Thank you for choosing Senal.

The Senal MS-66-K DSLR-Video Mini Shotgun Microphone Kit is designed for recording live audio directly into your DSLR or Camcorder. The MS-66-K's hypercardioid polar pattern and line + gradient design optimize the microphone to focus on the subject while rejecting off-axis sound. Ideal for run-and-gun productions like recording interviews and events indoors or in the field, the MS-66-K attaches to your camera's shoe mount or to a boom pole and plugs into the camera's audio input jack to deliver natural, professional-quality sound.

Among the benefits you'll enjoy:

- Convenient, pen-sized microphone
- Hypercardioid polar pattern
- Adjustable gain
- Included shock mount
- Shoe-mount adapter with 1/4"-20 threaded socket
- Approximately 100 hours of battery life

Overview



Also Included:

Foam windscreen

Two (2) 377 button cell batteries

Two (2) replacement shock mount suspenders

User manual

Precautions

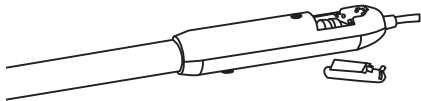
- Please read and follow these instructions and keep this manual in a safe place.
- Keep this product away from water and flammable gases or liquids.
- Do not attempt to disassemble or repair this product yourself.
- Handle this product with care.
- Clean this product with only a soft, dry cloth.
- Make sure that this product is intact and that there are no missing parts.
- All photos are for illustrative purposes only.

Installing Batteries

The MS-66-K comes with two 377 button cell batteries pre-installed. Before using the microphone for the first time, open the battery compartment and remove the insulation sheet from between the batteries.

To replace batteries, make sure the MS-66-K is turned off and follow these steps:

1. Open the battery compartment cover from the notch at the base of the microphone.
2. Remove the old batteries.
3. Insert fresh batteries in the orientation indicated by the illustration inside the compartment.
4. Insert the bottom tab of the battery compartment cover first. Close the battery compartment by pressing the cover firmly into place.



Important!

Replace both batteries at the same time. Do not mix battery types or brands or use old and new batteries together.

Mounting the MS-66-K and Turning It On

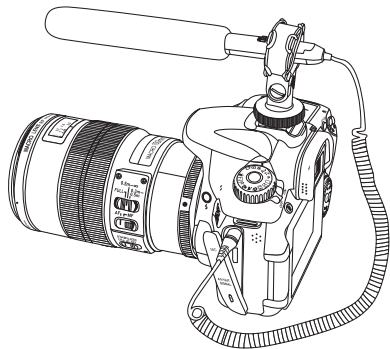
To mount the microphone to your camera, make sure the MS-66-K is turned off and follow these steps:

1. Rotate the shock mount's locking wheel counterclockwise to loosen it.
2. Slide the shoe-mount adapter all the way into your camera's shoe mount.
3. Rotate the locking wheel clockwise until secure.
4. Insert the microphone into the shock mount so the suspenders grip the base of the microphone.

Note: Make sure the microphone barrel is not touching the shock mount suspenders, as this may produce disruptive noise when recording.

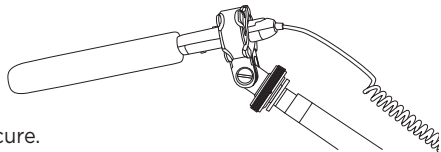
5. Insert the microphone's 3.5 mm audio connection into your camera's audio input jack.

Tip: You can adjust the angle of the shock mount to tilt the microphone up or down.



To mount the microphone to an optional boom pole, make sure the MS-66-K is turned off and follow these steps:

1. Match the threaded post on the end of the boom pole with the threaded socket in the MS-66-K's shoe-mount adapter.
2. Screw the boom pole into the threaded socket until secure.
3. Insert the microphone into the shock mount so the suspenders grip the base of the microphone.



Note: Make sure the microphone barrel is not touching the shock mount suspenders, as this may produce disruptive noise when recording.

4. Insert the microphone's 3.5 mm audio connection into the female end of a 3.5 mm stereo extension cable (sold separately).

Note: Make sure the extension cable is long enough to reach from your audio recorder to the microphone at the end of the boom pole.

5. Insert the extension cable's 3.5 mm male audio connection into your audio recorder's audio input jack.

To turn the microphone on, slide the power switch to the ON position.

Using the Gain Boost

The gain boost switch increases the microphone's gain and can be useful for picking up low-level or distant sounds in a quiet environment. The gain boost switch has three stages: 0 dB, 10 dB, and 20 dB.

To boost the microphone's gain by 10 decibels, slide the gain boost switch so it rests under the 10 dB marking. To boost the microphone's gain by 20 decibels, slide the gain boost switch so it rests under the 20 dB marking. To turn off the gain boost, slide the switch so it rests under the 0 dB marking.

The Windscreen

The MS-66-K comes with a foam windscreen that helps reduce wind noise. To fit the windscreen onto the microphone, gently push it onto the microphone barrel. Make sure that the windscreen covers all the ports on the sides of the microphone barrel.

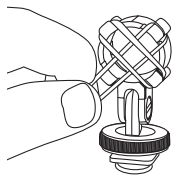
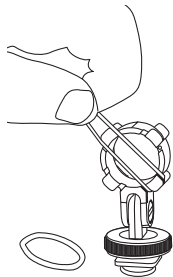


Replacing the Shock Mount Suspenders

The MS-66-K's shock mount isolates the microphone from your camera or boom pole. This helps prevent the microphone from picking up vibrations in the camera or the boom, which can cause disruptive and unwanted noise in your recording.

The MS-66-K comes with replacement suspenders for the shock mount. To replace the suspenders, follow these steps:

1. Remove the old suspenders from the shock mount and set them aside.
2. Hook a new suspender around one of the tabs and stretch the suspender across the opening of the shock mount to hook it around the opposite tab.
3. Repeat step 2 for the second suspender. The two suspenders should form an X shape across the opening of the shock mount.



Troubleshooting

Problem	Solution
The shock mount is stuck in the camera's shoe mount.	Make sure the shock mount's locking wheel is fully loosened.
The microphone will not turn on.	Make sure that fresh batteries are installed, and that they are in the proper orientation.
The sound is distorted or there is noise in the recording.	Make sure the microphone's audio connection cable is fully plugged into your camera's audio input jack. Turn off the gain boost on the microphone. Make sure that the microphone is properly mounted in the shock mount and that the barrel is not touching the suspenders.

Specifications

Transducer type:	Back Electret Condenser
Pattern:	Hypercardioid
Frequency response:	50 Hz to 18 kHz
Impedance:	1000 Ω \pm 30%
Sensitivity:	-41 dB/Pa \pm 3 dB
SPL:	124 dB, 1 kHz @ 1% T.H.D.
Audio connection:	3.5 mm (1/8") stereo
Cable:	Fixed, 7" (2" straight + 3" coiled + 2" straight)
Power requirement:	Two 377 (SR6265W) button cell batteries
Battery life:	Approx. 100 hours continual use
Size:	0.47" \times 6.42" (12 \times 163 mm)
Weight (microphone only):	1.4 oz. (39 g)

Warranty

Senal provides a limited warranty that this product is free from defects in materials and workmanship to the original purchaser under normal use for a period of ten (10) years from the original purchase date or thirty (30) days after replacement whichever occurs later. Our responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at its option, of any product which fails during normal consumer use.

To obtain warranty coverage during the Warranty Period, contact your place of purchase (“Seller”) to obtain a return merchandise authorization (“RMA”) number, and return to Seller the defective product along with proof of purchase and the RMA number.

This warranty does not extend to damage or failure which results from misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, SENAL MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights which vary from state to state.

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