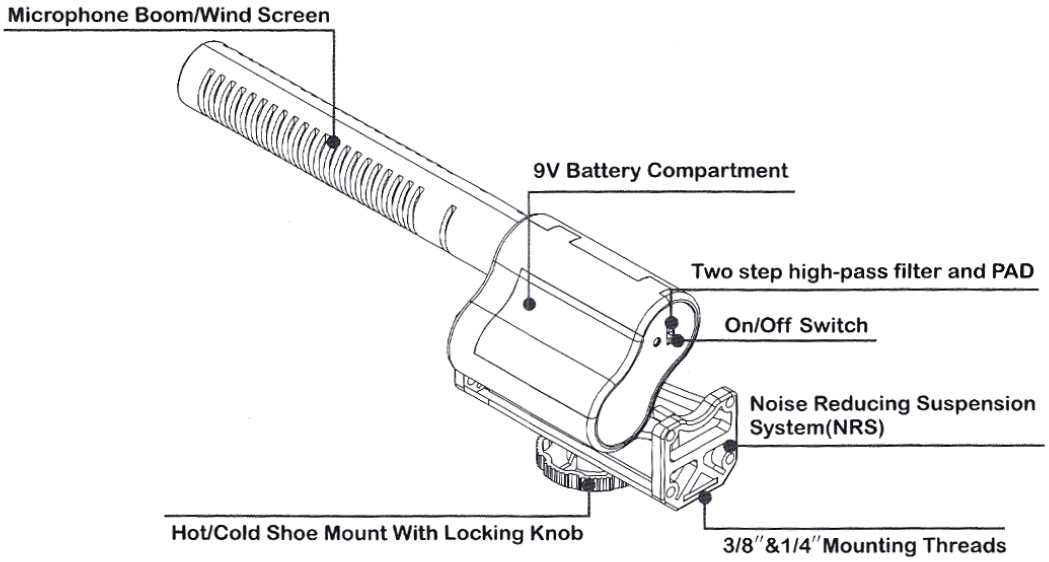
BY-VM02 Directional Video Condenser Microphone

INSTRUCTION MANUAL



Battery Details

1. Install a 9V Lithium or Alkaline battery into the battery compartment.
2. The LED will flash green once you turn the microphone on. This indicates the battery has adequate charge. When the LED turns red, it's time to replace the battery.
3. A fresh 9V Lithium or Alkaline battery will typically last 100 hours.

Pad Switch

The microphone features a three position PAD switch located in the battery compartment. The PAD can be set to a 0dB, -10dB, -20dB reduction in sensitivity which will reduce the output signal to your device. Use a toothpick to adjust the PAD.

0dB= Both switches to the left.
-10dB= Top switch to the left, bottom to the right
-20dB= Top switch to the right, bottom to the left

Features

- Studio recording quality
- Condenser microphone
- 9V battery powered
- Integrated shock mounting
- Two step High Pass Filter (Flat/80Hz)
- Three step PAD (0, =10, -20dB)
- Rugged reinforced ABS construction
- Windshield included
- 3.5mm mini-jack output
- Integrated cold-shoe mount, 1/4" and 3/8" thread

Specifications

Transducer:	Condenser
Directional Pattern:	Super-Cardioid
Frequency Range:	35Hz ~ 20,000Hz (selectable HPF@80Hz)
Sensitivity:	-35dB ±2dB re 1V/Pa @ 1kHz
Output impedance:	200 Ohm or less
Maximum SPL:	134dB
Signal to noise ratio:	76dB or more
Filter:	controlled by low-cut filter switch
Power:	9V Lithium or Alkaline battery
Dimensions:	250mmL x 102mmH x 65mmD
Output Connection:	3.5mm mini-jack
Net Weight:	126g