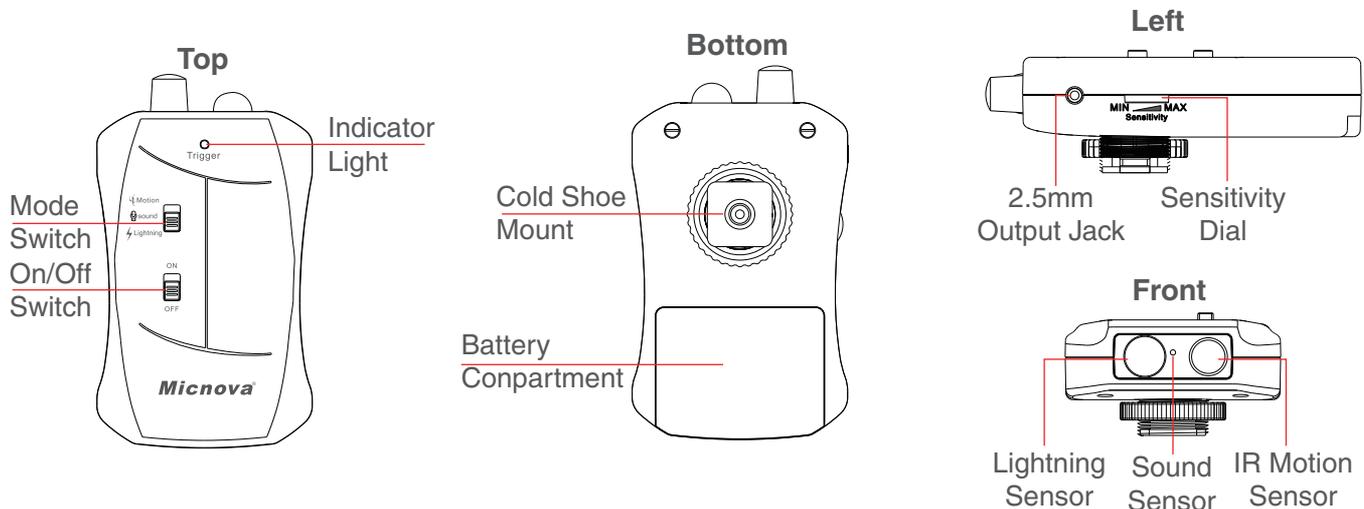


Micnova®

Thankyou for choosing Micnova MQ-VT series trigger.

Micnova MQ-VT series is a 3 in 1 solution for intense light,infrared(IR) image&sound trigger.In lightning mode, the device will trigger camera's shutter release within approximately 0.1 milliseconds after a lightning burst reaches the sensor,allowing you to capture striking images of storms or fireworks.Motion mode sets the device to trigger the camera once the unit detects any wildlife/human movement using the IR motion sensor.The last is the sound mode,when the gear detect any sound ,will trigger the camera to take photos.

Overview



Pls read and follow these instructions & keep this manual in a safe place.

1. Ensure you are using correct cable & cable is fully inserted into the appropriate ports on your camera and the device.
2. Make sure the the batteries are installed correctly.
3. The device can not detect stimuli through a window or other interferences.
4. Make sure there is nothing blocking the sensors.
5. If the trigger is triggering the camera without a reason,turn off any cell phones in the immediate vicinity.

Motion triggering

The unit's motion triggering modes uses a Passive Infrared(PIR) sensor.It detects movement of infrared(IR) sources,such as humans or animals,from up to 5 meters(16.4 feet) away,and smaller wildlife at a closer range. when the sensor detects IR motion within it's field of view(Horizontal:94 degree,vertical:82 degree),it will trigger your camera shutter.

Move the mode switch to Motion to activate motion triggering mode,For best result,adjust your camera's settings appropriate for your triggering situation before use,mount the device & your camera on a stand or a tripod for stable triggering.

Note:The sensitivity dial is not active when in motion mode.

Lightning triggering

It's a great challenge to capturing lightning when it strikes.With this trigger,things goes much more easier.Once the trigger detects a flash or burst of light,will activate the camera's shutter within 0.1 ms.

For operation in lightning mode, point the sensor & camera in the area you expecting a lightning flash. Attach your trigger to a tripod or a stand for best result.

Move the mode switch to Lightning to activate lightning trigger mode. For best result, start at a 10 second exposure & adjust your camera's exposure settings while adjusting the strigger's sensitivity using the dial on the left side of the unit. Set your camera /Lens to manual focus.

Setting the Lightning Sensitivity

The trigger is very sensitive, and with any sudden flicker of light, it will fire the shutter. The level of sensitivity varies from different conditions. To adjust the sensitivity, rotate the sensitivity dial on the left side of the device. Rotate the dial counter-clockwise and continue to turn the dial until the LED turns red. This indicates that you have passed the threshold, and the device determines as the ideal setting in your current environment. Turn the dial clockwise slowly until the red light extinguishes to find your best sensitivity setting. Where a burst of light will cause it to trigger the camera.

Sound triggering

The sound trigger mode uses an insert microphone sensor. It triggers the camera once the microphone detects any sound, such as snapping fingers, clapping hands, or voice from human/wildlife within approximately 2 meters. Some suitable situations like: breaking moment of glass, puncturing a balloon filled with water.

Setting the Sound Sensitivity

Setting the sound sensitivity:

The level of sound sensitivity can vary at different situations. To adjust the sensitivity, rotate the sound sensitivity dial on the right side. Rotate the dial clockwise slightly until the red LED light stays solid. This indicates you have passed the threshold, the device determines as the ideal settings in your current environment. Then rotate anti-clockwise until the red light extinguishes to find your best sensitivity setting. Where any sound will fire the shutter.

Specifications

Lightning response time:	Approximately 0.1ms
Motion detection range:	Maximum 5 meters
Motion detection area:	Horizontal:94 deg, Vertical:82 deg, 64 zones
IR temperature detection:	±4 °C
Sound detection volume:	Above - 38 dB
Sound detection range:	2 meters outdoor/3.5 meters indoor
Power source:	2*AAA Battery
Dimension:	3.3*10.5*6.1cm
Weight:	53.7g

Note: Detection can occur at a range superior to the above value depending on the speed of target and temperature difference with its surroundings.