



Strike Finder™

precision camera triggers



Strike Finder™ Elite

Thank you for purchasing the **Strike Finder™ Elite**! The **Elite** was designed by photographers to use microcontroller technology to capture images that would otherwise be humanly impossible.

*Before beginning, please make sure to set camera lens to **Manual Focus!***

Technical Information

- When you first turn on the **Strike Finder™ Elite**, it will “boot-up,” indicated by a few flashes of the red trigger LED.
- If the red trigger LED doesn't flash when it “boots-up,” it's time to replace the 9V battery or the battery might be in backwards (I hate when I do that).
- To switch between the Lightning and Sound/Motion/Laser, turn the device off, switch the button to either “Lightning” or “Sound/Motion/Laser” and turn the device back on. This allows your **Elite** to “boot-up” on the correct sequence of code.
- **Adjustment Dial:** The dial on the right side of the device serves two purposes: Sensitivity for lightning shots and interval between pictures when using the motion sensor. To set the sensitivity, simply turn clockwise to maximize sensitivity and turn counter clockwise to decrease it. The same is true to set the interval between pictures while in motion. The more clockwise the dial is, the longer the duration between pictures, up to 10 seconds.

Using the Lightning Setting

- To test the **Strike Finder™ Elite** using the Lightning setting, turn the device off, switch the button to Lightning and turn it back on. Simply point a television remote at the front of the device (infrared sensor) and push any button on the remote. This will cause the trigger LED to blink and release the camera shutter.

Note: The infrared emitted by a TV remote is the same as a lightning strike.



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- Turn the sensitivity knob fully clockwise, it may blink intermittently (this is because it is picking up ever so slight variations in light that we cannot see). Simply turn the dial counter-clockwise until the trigger LED stops blinking. This is the maximum sensitivity for the current conditions. Decreasing the sensitivity (counter clockwise) further, will reduce the number of wasted shots taken of too distant lightning strikes. During daytime use, you need to use the maximum sensitivity possible.

Using the Adjustment Dial

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Using the Sound/Motion/Laser Setting

- To set the sound sensor, turn the **Strike Finder™ Elite** off, switch the button to Sound/Motion/Laser and turn it back on. The sound sensor is the attachment with the small “listening” hole. Plug the sound sensor all the way into the Sound port and verify that the motion sensor is not also plugged in. Gently tap the sound sensor or make some noise. The trigger should blink as often as the sensor detects sound. Each time the trigger light blinks, the camera’s shutter should also release.
- To set the motion sensor, turn the **Strike Finder™ Elite** off, switch the button to Sound/Motion/Laser, plug the motion attachment all the way into the Motion port, unplug the sound sensor and turn on the **Strike Finder™ Elite**. Please allow 30 seconds for it to calibrate with the environment (indicated by slight red glow). You may want to unplug your camera during this time as it will trigger your camera’s shutter many times. After the red illumination has turned off, the sensor has calibrated. Plug your camera in. Once motion is detected, it will trigger the camera’s shutter for one second (allowing you to photo burst). The frequency between shots is based on the adjustment dial (see above).
- To set the laser setting, unplug the sound and motion sensors, point any typical laser pointer directly onto the infrared sensor ensuring a solid beam has connected with the sensor. Simply break the beam and the red trigger LED will blink and send a signal to your camera to release the shutter. If you are using the laser beam break function outside during the day, you will need to shade the sensor.

Note: The motion or sound sensors should be plugged in independently. For best results, don’t plug them in together. Additionally, you may notice the device will trigger when your hand is near or touching the side of the device (where the ports are), the sensor ports are very sensitive and the device may respond. Simply move your hand away from the ports to eliminate the issue.



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Camera Tips

- Keep camera “awake.” Read your manual to prevent it from going into hibernate mode.
- Set the lens to MF (manual focus)
- Turn off Image Stabilization.
- Set the camera to shutter mode, aperture mode or manual. *Do not use the Auto setting.*
- Keep a spare 9V battery.
- Turning off your camera’s preview mode will help your camera battery last longer.

To capture lightning photographs, the following settings are recommended:

- Night use recommended settings: 3”-1/8”, f/8 adjust as needed
- Day use recommended settings: 1/4” - 1/30”, f/8 or higher - adjust as needed
- ISO 200 - 400

Have fun and be safe!

If you have any questions, please call or email us. We would love to see your photos!
email us at questions@strikefinder.photo

Remember to be safe and protect yourself first. Lightning is dangerous. Enjoy and have fun!