Ubertronix, Inc.

Strike Finder Pro II

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

Technical Information:

- When you first turn on the device, it will "boot-up", indicated by a few flashes of the Trigger LED

- If the Trigger LED doesn't flash when it "boots-up", it's time to replace the 9V battery.

- To switch between the Lightning or Sound/Laser, turn the device off, switch the button to the either "Lightning" or "Sound/Laser" and turn the device back on. This allows it to "boot-up" on the correct sequence of code.

- Adjustment dial: The dial on the right side of the device serves as the sensitivity adjustment. To set sensitivity, simply turn clockwise to maximize sensitivity and turn counter clockwise to decrease it.

Testing the Lightning Setting:

- To test the device 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.

- **Using the adjustment dial**: For lightning shots during the day, turn the it 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 maximum sensitivity while it is day time. At night, adjust as needed, turn clockwise for the long distance shots and turn counterclockwise for lightning bolts that are closer.

Testing the Sound/Laser Setting:

- To test the device using the Sound/Laser setting, turn the device off, switch the button to Sound/Laser and turn it back on. The sound sensor is small attachment with the small "listening" hole. Plug it into the Sound port (on the side of the Strike Finder Pro II). Gently tap the sound sensor or make some type of 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 testing the laser setting, 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 Trigger LED will blink and send a signal to your camera to release the shutter.

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 or aperture mode. **<u>Do not use the Auto setting.</u>**
- Keep a spare 9V battery

To capture lightning photographs, the following settings are recommended

- Night use recommended settings : 0.3"-1/8", f /8 adjust as needed
- Day use recommended settings : 1/8" - 1/30", f /8 or higher - adjust as needed
- ISO 200 - 400

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