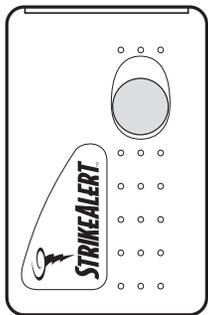




Personal Lightning Detector

Up to 100 Hours of Operation with Two AAA Batteries

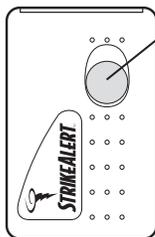


## OPERATING INSTRUCTIONS

Important: Please read these instructions in full.

Manufactured in the USA

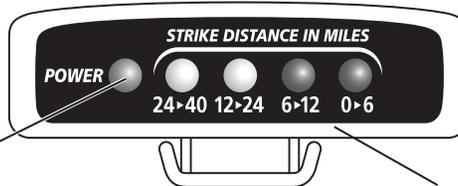
**OUTDOORS**  
TECHNOLOGIES, INC.



### Power Button

Four functions:

- On
- On with Tone
- Off
- Storm Direction



### Green LED

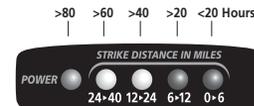
This LED will be continuously lit during normal operation. (See **Normal Operation** below)

### LED Display

Note: "LED" refers to the display lights which indicate the strike distance.

### Battery Check

Display will show current battery level when StrikeAlert is first turned on.



### Power Button

The power button has four functions: On, On with Tone, Off and Storm Direction. **To turn unit on:** Press button until green Power LED comes on. **To turn unit on with audible tone:** Press and hold button until unit beeps. **To turn unit off:** Press and hold button for approx. three seconds. See reverse side for indicating storm direction.

**Power Saving Feature:** StrikeAlert will automatically power down after two hours of operation if there is no lightning activity.

### Battery Check

When first turned on, StrikeAlert performs a battery test. The LEDs will show the battery level, with each LED indicating about 20 hours of operation (see diagram). The LEDs will light up, beginning with the red LED and leading up to the current battery level. The current battery level will be the final LED to light and will remain lit for two seconds. StrikeAlert will then begin its normal operation.

### Normal Operation

During normal operation, the green LED will be on continuously to indicate that StrikeAlert is monitoring for lightning strikes. If the green LED is blinking, StrikeAlert is in the presence of interference.

### Detecting Lightning Strikes

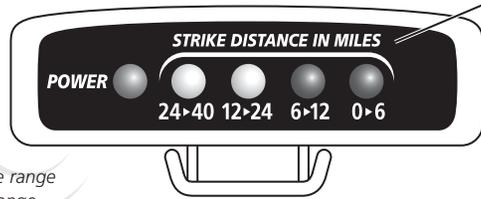
When a lightning strike is detected, StrikeAlert will light the appropriate LED indicating the distance of the strike. This LED will remain lit for two minutes – or until another strike occurs during that time. If a more recent strike is further away, the LED indicating this distance will light for two seconds, and then return to complete the two minutes from the nearest strike. If a more recent strike is nearer, it will replace the previous LED reading. This LED indicator will be held for two minutes. This allows the user to see all the lightning activity within a 40 mile range, giving clearer visibility to the nearest strike in the last two minutes.

If the unit is set to the "On with Tone" mode, StrikeAlert will also generate an audible tone(s) indicating the distance of the strike along with lighting the appropriate LED. (See *Audible Alert* on reverse side). This allows you to clip StrikeAlert on your belt and use the tones to determine the storm's activity without having to watch the LEDs.

## Audible Alert

If the unit is in the "On with Tone" mode (see Power Button on reverse), StrikeAlert will sound a tone indicating the strike distance:

- One beep indicates a strike in the 24-40 mile range
- Two beeps indicate a strike in the 12-24 mile range
- Three beeps indicate a strike in the 6-12 mile range
- Four beeps indicate a strike in the 0-6 mile range



## Lightning Strike Distance

When a lightning strike is detected, the appropriate LED will stay lit for two minutes indicating the distance.

**(See Detecting Lightning Strikes on reverse side)**

## Storm Direction

When Power Button is depressed, LED display cycles to show you storm direction.

- **Green to Red** – the storm is approaching
- **Red to Green** – the storm is departing

**(See Storm Direction below)**

## Storm Direction

StrikeAlert uses a trend of strike distances over the last five minutes to determine if a storm is approaching or departing. By depressing the power button for one second, the LED display will change to one of three patterns:

1. **If the LEDs cycle from green to red**, the storm is approaching.
2. **If the LEDs cycle from red to green**, the storm is departing.
3. **If the LEDs cycle from the center LED to the outside LEDs**, the storm is stationary or there is not enough data to determine the direction of the storm.

*Direction cannot be determined if there have not been enough strikes to identify a trend or StrikeAlert has not been running long enough – approximately five minutes is needed in the presence of lightning strikes to determine the direction.*

## Interference

**StrikeAlert is designed to be used outdoors.** While StrikeAlert will work indoors, its ability to detect lightning strikes can be affected by common sources of electromagnetic emissions, such as:

- CRTs – television or computer monitors
- Motors and engines
- High-powered electronics equipment

## Interference (continued):

Moving StrikeAlert a safe distance away from these devices – usually a few feet – should allow the detector to return to normal operation.

If StrikeAlert is receiving interference due to such electromagnetic emissions, the green LED will blink or may give a false lightning indication. The static generated by some garments may also produce a false indication. Again, moving the detector just a few feet from the source of the interference should allow StrikeAlert to resume normal operations. This will be indicated by the green LED remaining constantly lit.

**Important Note: StrikeAlert is designed to be used in an upright position.** Laying the StrikeAlert unit down, or on its side, may affect its accuracy.

## FCC Labeling:

Note: This equipment has been tested and found to comply with the limits for a Class (B) digital device, pursuant to part 15 of the FCC Rules. These Limits are designed to provide reasonable protection against harmful interference when the equipment is operated in its installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. If this equipment does cause harmful interference the user will be required to correct the interference.

## Canadian Labeling:

This Class (B) digital apparatus complies with Canadian ICES-003.

## One Year Limited Warranty

WARRANTY COVERAGE: OUTDOORS TECHNOLOGIES, INC. (THE MANUFACTURER) WARRANTS TO THE ORIGINAL CONSUMER PURCHASER, THAT THIS PRODUCT WILL BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PURCHASE. THE MANUFACTURER'S LIABILITY HEREUNDER IS LIMITED TO REPLACEMENT OF THE PRODUCT OR REPAIR OF THE PRODUCT AT THE DISCRETION OF THE MANUFACTURER. THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, TAMPERING OR OTHER CAUSES NOT ARISING FROM DEFECTS IN MATERIAL OR WORKMANSHIP. THIS WARRANTY EXTENDS TO THE ORIGINAL CONSUMER PURCHASER OF THE PRODUCT ONLY.

Warranty Disclaimers: Manufacturer hereby disclaims all other warranties, expressed or implied, including but not limited to warranties of merchantability or fitness for a particular purpose. In no event shall the Manufacturer be liable for loss of use of this product or for any indirect, special, incidental or consequential damages, or costs, or expenses incurred by the consumer or any other user of this product, whether due to a breach of contract, negligence, strict liability in tort or otherwise. The Manufacturer shall have no liability for any personal injury, property damage or any special, incidental, contingent or consequential damage of any kind.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Some states do not allow the exclusion or limitation of consequential or incidental damages, so the above limitations or exclusions may not apply to you.

Legal Remedies: This warranty gives you specific legal rights. You may also have other rights that vary from state to state.

## DECLARATION OF CONFORMITY



**Manufacturer's Name:**  
Outdoors Technologies, Inc.  
**Manufacturer's Address:**  
PO Box 49217  
Colorado Springs, CO 80949

**EC Representative's Name:**  
Outdoors Technologies, Inc.  
**EC Representative's Address:**  
PO Box 49217  
Colorado Springs, CO 80949

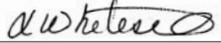
**Equipment Description:**  
Personal Lightning Detector

**Equipment Model Designation:**  
LD1000- 1006

**Application of Council Directive:** 89/336/EEC on the approximation of the laws related to Member States relating to electromagnetic compatibility, as amended by: Council Directive 93/68/EEC.

**Referenced EMC Standards:** • EN61000-6-3 • EN 55022 Class B • EN 61000-4-3  
• EN61000-6-1 • N 61000-4-2

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Signature:   
Printed Name: L. Whiteside Title: President

## Outdoors Technologies, Inc.

Colorado Springs, CO 80919 • www.strikealert.com