



E4Safety Professionals, LLC

# THUNDERBOLT<sup>®</sup> STORM DETECTOR



## If you Hear Thunder, It's to Late!



STORM ACTIVITY  
20 MILES

STORM ACTIVITY  
ETA 15 MINUTES

WARNING!  
STORM IS LOCAL!

TIME TO CLEAR:  
30-45 MINUTES

The Lightweight, hand-held ThunderBolt<sup>®</sup> Storm Detector can detect and track storm activity from up to 75 miles. You'll never be surprised by an approaching storm again. ThunderBolt detects storm activity in real time, without using any outside weather information source, and continuously provides precise updates of the storms' progression. Thunderbolt provides the user with Estimated Time of Arrival (the time until the storm is eight miles away—when people are in danger, but before thunder can be heard and often before lightning can be seen), and lets you know how much time before it's safe to resume activities—minimizing actual downtime. Thunderbolt has been rigorously tested by the military, construction, industry, - including mining and oil refineries, local and federal governments , schools, and park facilities.

Education, Engineer, Encourage, Enforce



# E4 SAFETY PROFESSIONALS

Educate Engineer Encourage Enforce

Phone: 866-9-SAFETY  
E-mail: [Info@E4Safety.com](mailto:Info@E4Safety.com)  
[www.E4Safety.com](http://www.E4Safety.com)

## TB-U1 Package includes these Accessories:

\*Carrying Case, \*Carry Pouch, \*Desk-stand, \*Wall Mount, \*120-Volt AC Adapter, \*9-volt Batteries



### THUNDERBOLT® STORM DETECTOR—UTILITY

- Storm Detector Range—75 Miles
- Displays over 50 text screen messages, including:
  - Storm Range
  - Storm Approach Speed
  - Estimated Time of Arrival (ETA)
  - Storm Local (storm within eight miles)
  - Time to Clear (Time until storm has cleared eight miles)
- Severe Storm Warning (Squall Lines/ Multiple Storm Cells)
  - Three modes of alarm
    - Flashing LED
    - LCD Text Screen Message
    - Audible Tone
- Customizable alarm settings
- Powered by 9-volt Battery, A/C Adaptor or 12-volt car adaptor
- Designed for heavy duty commercial and industrial use
- Rugged ABS exterior with interior gasket and shock mounting
- External speaker port for wireless Accessories (Not yet available)

### OPTIONS FOR THE THUNDERBOLT:

Color: Black or Yellow

12-volt Car Adaptor

Water Tight Carrying Case



### A THUNDERSTORM'S "POINT OF DANGER" IS INVISIBLE AND INAUDIBLE

Areas of negative and positive charge high up in the storm cloud create the chance for strokes to be thrown ahead and behind a storm cell.



Lightning can reach 6-10 miles in front of or behind a storm

10 miles

10 miles

Downtown Newark, N.J.

Empire State Building, NYC

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## PRODUCT COMPARISON



Feature	ThunderBolt® Lightning Detector	SkyScan™ Lightning Detector	Strike Alert® Lightning Detector
TEXT SCREEN DISPLAY	50 different messages	NO	NO
USER SELECTABLE MENU OPTIONS	YES	NO	NO
LIGHTNING DETECTION RANGE	75 MILES	40 MILES	40 MILES
THUNDERSTORM CELL TRACKING	YES	NO	NO
SEVERE STORM WARNING	YES	YES	NO
SQUALL LINE WARNING	YES	NO	NO
MULTIPLE STORM CELL WARNING	YES	NO	NO
IDENTIFIES CLOSEST STORM CELL	YES	NO	NO
STORM DISTANCE DISPLAY	Continuous 0-75 miles	4 range blocks w/LED only	4 range blocks w/LED only
STORM APPROACHING DISPLAY	YES	NO	YES
STORM APPROACH SPEED DISPLAY	YES	NO	NO
ESTIMATED TIME OF ARRIVAL DISPLAY	YES	NO	NO
STORM IS LOCAL DISPLAY	YES	NO	NO
TIME TO CLEAR DISPLAY	YES	NO	NO
USER SELECTABLE BACKGROUND NOISE ROUTINES	YES	NO	NO
USER SELECTABLE ALARM DISTANCE	Miles or KM specific	Miles range only	NO
SECOND ALARM RANGE OPTION	YES	NO	NO
HIGH/NORMAL STORM DETECTION SENSITIVITY	YES	YES	NO
WATER RESISTANT	YES	NO	NO
WARNING MODES	Audible/Text/LED	Audible/LED	Audible/LED
KILOMETER PRODUCT VERSION	YES	YES	NO
SOFTWARE UPGRADES	YES	NO	NO
POWER SUPPLY OPTIONS	Line power/9V battery/car adapter	Line power/9V battery	AA battery only
DIRECT ENGINEERING SUPPORT	YES	NO	NO
MADE IN THE USA	YES	NO	NO

E4Safety Professionals, LLC.

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866-9-SAFETY



**Babe Ruth League and Spectrum Electronics Work Together To Promote Lightning Safety through New Partnership**  
**Norcross, GA January 8, 2009**

Babe Ruth League( BRL ) is working cooperatively with Spectrum Electronics in a

New partnership to promote Lightning Safety through the use of the Thunderbolt Storm Detector to all Babe Ruth League members and its use at all field facilities.

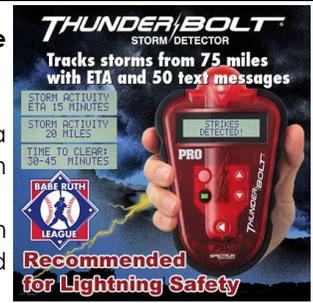
Spectrum Electronics manufactures a hand held storm and lightning detection system called the ThunderBolt® Storm Detector in the United States. The ThunderBolt® is a hand held unit which is affordable, easy to operate, and precise.

"The state-of-the-art technology provided by the ThunderBolt® Storm Detector will be of great benefit to our members when they conduct sporting events and outdoor activities at any complex or facility, in the community," said Babe Ruth League Vice president Joseph Smiegocki. "The ThunderBolt® Storm Detector, which actually tracks storms and provides the estimated time of arrival to the user, can only enhance efforts by BRL members to provide safety and protection consistent with severe weather safety for all parties at an event. It is a device that will revolutionize the manner in which our members learn of the presence of severe weather at their events. I believe this is a very inexpensive, potentially life-saving piece of equipment."

"On behalf of Spectrum Electronics, we are very excited to be working with the Babe Ruth League ," said Steve Vazquez, Representative for Spectrum Electronics. "We are eager to support and work with all BRL members regarding storm and lightning safety."

BRL members can learn more about the ThunderBolt® Storm Detector through the Babe Ruth League Web Site. Click on the ThunderBolt® logo at [www.baberuthleague.org](http://www.baberuthleague.org) or visit [www.spectrumthunderbolt.com/brl](http://www.spectrumthunderbolt.com/brl) Members are directed to purchase all ThunderBolt® Storm Detectors through the BRL website by clicking on the provided ThunderBolt® Logo and following the on-line instructions.

Fans of the Babe Ruth League and who are involved with community programs that require a proven lightning detection system or just for personal use can also learn more about the product by following the same instructions that are provided for BRL members. For ordering assistance, please contact E4Safety, 740-936-5103 or the Toll-Free Corporate number 866-9-SAFETY. Assistance via the web :E-mail [Info@E4Safety.com](mailto:Info@E4Safety.com).



**Using ThunderBolt® in a Typical High School**



- A: Track and Field**  
ThunderBolt should be used during all outdoor football and soccer games, track meets, practice, and gym classes.
- B: Tennis**  
ThunderBolt should be used to warn of potential danger during all tennis matches, practice, and gym classes.
- C: Drivers Ed**  
ThunderBolt should be used during Drivers Ed training.
- D: Bus Drop-Off and Pick-Up**  
ThunderBolt should be used during school bus drop-off and pickup.
- E: Front Office**  
ThunderBolt should be used continuously by the front office to be aware of developing storm activity.
- F: Off-Campus Coordination**  
ThunderBolt should be used during all off-campus school activities, including athletics, field trips, and ROTC meets.
- G: Portables**  
ThunderBolt should be used for protection of students in portable classrooms.
- H: School and Youth Sports**  
ThunderBolt should be used for gym, team, and intramural practice.



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