



BOLTEK

Long Range System

Lightning Detection Systems



LD-250 Lightning Detector

Live Map Displays Storm Location

The Boltek LD-250 Lightning Detector puts a live lightning map on your laptop or desktop computer. Within milliseconds of a lightning strike the detector beeps and your computer displays the strike location.



Warns of Close and Severe Storms

The LD-250 can warn of both close and severe thunderstorms. If a storm is detected closer than a preset distance or the strike rate exceeds a preset limit, the LD-250 sounds its internal alarm and activates the computer's alarm tone or WAV file notification.



Optional
ENC-1 Outdoor Sensor Enclosure



Connects Easily to Your Computer

The LD-250 connects to your computer's USB or RS232 (COM) port making it suitable for use with both laptop and desktop computers. The LD-250 will even detect lightning when your computer is turned off. When the LD-250 starts beeping or the Strike light starts flashing you can turn on your computer to see where the storms are located.

LD-250 Hardware Specifications

Power Supply Voltage: 11.8-18 VDC, 0.8 Amp

AC Adapter: 120 VAC, 60Hz (220VAC 50 HZ in Europe)

RS232 Port: 9600 baud, 8 bits, 1 stop bit, no parity.

USB Adapter Cable

Antenna: Standard Boltek Lightning Detector Antenna (StormTracker compatible)

Antenna Cable: Standard CAT5 Network Cable. 50 feet included. Custom lengths available on request.

GPS/Compass Port: NMEA standard 4800 baud, 8 data bits, 1 stop bit, no parity

GPS Sentence: \$GPRMC

Compass Sentence: \$HCHDM

RS232 Data Format: ASCII, NMEA style data sentences, GPS/Compass data passed through

LD-250 Dimensions: 4.9" x 7.0" x 1.1" (123 x 178 x 29 mm)

Antenna Dimensions: 1.5" x 2.0" 3.7" (38 x 51 x 94 mm)

LD-250 Weight: 0.8 lbs (375 gm)

Antenna Weight: 0.45 lbs (200 gm)

Shipping Weight: 5.6 lbs (2.6kg)

Shipping Dimensions: 9.0" x 11.5" x 6.5" (229 x 292 x 165 mm)

Software Specifications

Operating Systems: Windows 2000, XP, 98, 95, NT 4.0 and 3.1

COM Ports Supported: COM1, COM2, COM3, COM4

Display Ranges: 100, 200 and 300 miles (160, 320 and 480 km)

Severe Storm Alarm Setpoint: 0-999 Strikes / Minute

Close Alarm Setpoint: 0-300 miles

Visit www.boltek.com for more information.