

# lightning detection

## lightning detector model SkyScan

The SkyScan Portable Lightning Detector detects electromagnetic emissions from individual lightning strokes. It has been designed to detect any electromagnetic emissions within a 40 mile (64 km) radius. It monitors storms and lightning activity as they approach and just as important, as they pass by. Each time it detects a lightning stroke, it emits an audible warning tone and it registers the distance away of each stroke of lightning on its Range Indicator (distance is indicated in one of four ranges: 0-3 miles, 3-8 miles, 8-20 miles and 20-40 miles).

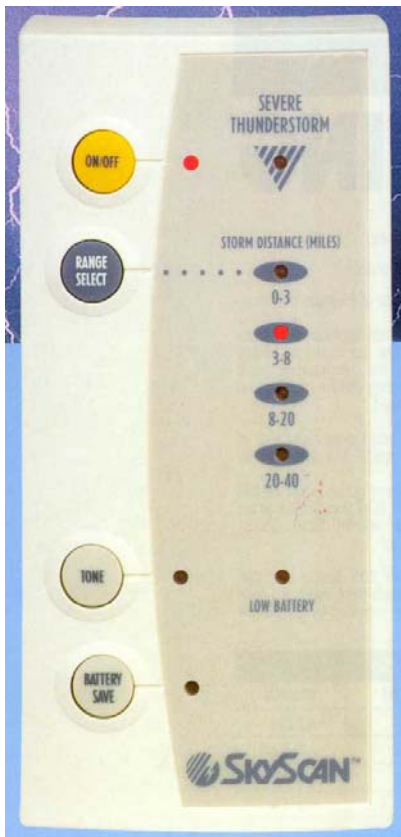
### Features

- easy to use
- reliable
- accurate
- portable
- economical

2x 9V battery (40-70 hr)

Distance indication: 0..5; 5..15; 15..30 en 30..60 km,  
optical and acoustic, in weather resistant housing

Dimensions: 75 x 162 mm



### Lightning facts

A lightning flash has an average length of 10 km.

An average thunderstorm has a 10 to 15 km diameter.

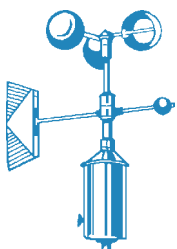
An average thunderstorm moves with a speed of 40km/h.

When someone has approached the edge of a thunderstorm within 16 km, there's a risk for lightning strikes. That is the reason why lot of casualties occur when the sky above the victims is bright and clear.

Normally, a thunderstorm can be heard from a distance of 5 to 6 km, but that depends on factors like humidity, the conditions of terrain etc.

### applications

Outdoor sports like golf, sailing and climbing and warnings to protect electronic equipment.



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made to measure