

Lightning Detector

Model: KC-090

User's manual



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Introduction

KC-090 Lightning Detector detects the characteristic electromagnetic emissions from individual lightning strokes and analyze the low-frequency electromagnetic pulse to determine the distance to detected strokes. It is designed for low power consumption, and features LED pattern indications, rapid detection, safe and easy to either operate or carry. KC-090 offers the user the ability to detect presence of lightning / thunderstorm activity occurring with 40 miles, an ideal tool to have by your side when doing hiking, field trip, mountain climbing and any outdoor activities. The distances are indicated in four ranges, 0-6 miles, 6-12 miles, 12-24 miles and 24-40 miles. KC-090 will also indicates the direction of thunder movement (approaching or leaving) when it detects two or more thunder strokes. A build-in compass widget is also included.

Specifications

| | |
|-------------------------|----------------------------------|
| Measuring range | 0-40 miles |
| Power | 2pcs of AAA batteries |
| LED lighting time | 30s |
| Max power consumption | <20mA |
| Auto power off | In two hours inactive |
| Continuous working time | >3 hours |
| Working temperature | -20°C ~ 50°C |
| Working humidity | 0~75% RH non-condensing |
| Storage | -20°C ~ 60°C, ≤85% (w/o battery) |
| Dimension | 112mm × 60mm × 26mm |
| Weight | About 80g (w/o battery) |