

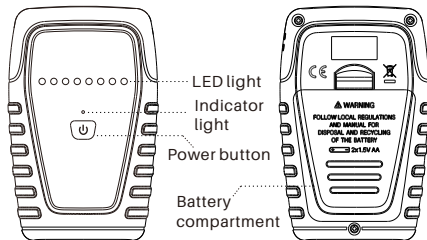
Electromagnetic Radiation Detector

User Manual v1.0.4

1. Introduction

The electromagnetic radiation detector is an instrument that detects the intensity of electromagnetic radiation in the environment. It is widely used in signal base stations, household appliances, power distribution room and other occasions, and has become an indispensable protective equipment in life.

2. Product Description Intention



3. Battery Installation Instructions

- (1) Insert the battery according to the positive and negative polarity indicators inside the battery compartment.
- (2) After installing the battery, please fasten the battery cover to prevent the battery from being ejected.
- (3) When the instrument is not used for a long time, be sure to remove the battery and place it properly.

4. Power on and off

Press and hold the "⏻" key to switch the instrument on and off.

- (1) LED light: When the instrument is turned on, the buzzer beeps continuously and the LED light is fully displayed;
 - (2) Indicator light: The power indicator light comes on when the machine is turned on, and goes out when it is turned off.
- Note: This instrument has 8 LED lights: 2 each of green, yellow, orange and red.

5. LED Light Area Division

- (1) Green safety zone 1: $0 \sim 0.15 \mu\text{T}$; Green safety zone 2: $0.16 \sim 0.40 \mu\text{T}$, the data has not exceeded the standard.
- (2) Yellow danger zone 1: $0.40 \sim 1.93 \mu\text{T}$; Yellow danger zone 2: $1.94 \sim 8.20 \mu\text{T}$, the data has slightly exceeded the standard.
- (3) Orange danger zone 1: $8.21 \sim 27.5 \mu\text{T}$; Orange danger zone 2: $27.6 \sim 70.1 \mu\text{T}$, the data is moderately exceeded.
- (4) Red danger zone 1: $70.2 \sim 114.6 \mu\text{T}$; Red danger zone 2: $114.7 \sim 199.9 \mu\text{T}$ and above, the data has seriously exceeded the standard.

6. Alarm Prompt

When the detected value exceeds the measuring range of the second green LED light, the instrument will issue an alarm prompt according to the degree of the dangerous zone. The closer the value is to the dangerous zone with a larger measuring range, the more rapid the alarm sound will be.

Note: Short press "⏻" to turn on and off the alarm sound prompt function.

7. Low Battery Prompt

When the indicator light turns red, it indicates that the power of the instrument is too low. Please replace the battery in time.

8. Technical Parameters

Measuring Range	Electromagnetic: 0.00~200.0μT
Test Bandwidth	Electromagnetic: 30Hz~300Hz
Sampling Time	About 0.2 seconds
Alarm Mode	Sound alarm
Power Supply Type	2 AA dry batteries
Working Environment	Temperature: 0~50°C Humidity: <80%RH (no frost)
Protection Level	IP40
Dimensions	104*67*31mm
Material	ABS