

HIOKI

# LED Light *and* Compact

Non-contact voltage detector lets you verify the hot-line state of AC voltage through the wire or cable covering.

Actual size

ITS

## Features

- Battery self-check
- Auto power-off
- Visual and audio indication
- Sensitivity adjustment function

CE

Made in  
★ Japan ★

# VOLTAGE DETECTOR 3481



# Key Features

## 1 No need for lights



When you need to use both a light and voltage detector, both hands are occupied, slowing the pace of work.



The white LED light illuminates dim locations so you can work efficiently.

## 2 Prevent dead batteries

The detector incorporates a battery self-check function so you'll always know roughly how much battery life is remaining.



► White LED lights up.  
The batteries are fully charged.



► White LED does not light up or is dim.  
The batteries are running low.

Thanks to its auto power-off function, the detector automatically turns off about 3 minutes after it is turned on.



auto power-off

## 3 Compact design that fits in a pocket



The detector is designed to fit into a pocket so you can carry it with you all the time.



Handy clip with gap for strap.

## 4 Continuity check with your eyes and ears



The detector alerts you to a live wire with an alert sound and flashing light for maximum ease of use, even outdoors during the day or in a noisy environment.

## 5 Single design for locations with different voltages



Sensitivity adjustment function ensures it will detect voltages at the optimal level of sensitivity for each field voltage environment.

\*The detector may respond to voltages in excess of 200 V AC from a short distance away.

## Specifications

Product warranty period: 3 years

Function	Voltage detection
Operating voltage range	40 V to 600 V AC (When brought into contact with a 2-mm <sup>2</sup> insulated cable equivalent to 600 V polyvinyl chloride insulated wire) Maximum sensitivity variable range 40 V to 80 V AC (80 V at the time of shipment)
Operating frequency	50 Hz/ 60 Hz
Pilot light	Red LED and continuous beeping sound
Auto power off	The power will be turned off automatically if the instrument remains idle for 3 minutes after the power is turned on.
Battery check	The white LED is dim or out when the batteries are low.
Power supply	Three LR44 button alkaline batteries
Continuous operating time	Approx. 5 hours (Power ON Standby state)
Dimensions	Approx. 20 W × 126 H × 15 D mm (0.79"W × 4.96"H × 0.59"D) (excluding projections)
Mass	Approx. 30 g (1.1 oz) (including LR44 button alkaline batteries)
Operating environment	Indoors, altitude up to 2000 m (6562 ft) / Operating temperature and humidity 0°C to 40°C (32°F to 104°F), 80 % rh or less (no condensation) Storage temperature and humidity -20°C to 60°C (-4°F to 140°F), 80 % rh or less (no condensation)
Standards	Measurement category IV 600 V (anticipated transient overvoltage 8000 V) Safety: EN61010, Pollution degree 2, EMC: EN61326
Accessories	Three LR44 button alkaline batteries (Installed in the instrument, for operation check) Instruction manual

