

# S-AC200

Non-Contact AC Voltage Detector



# VOLTH

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Non-Contact  
AC Voltage Detector

200 to 1000V AC detection with flashlight

*The New Color  
of Instruments.*

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**Instruction manual**



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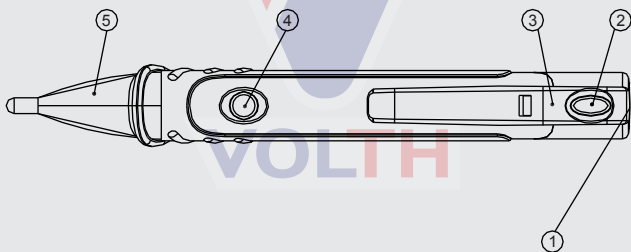


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### 1. APPLICATIONS GENERAL

The Volt finder voltage detector is intended to check for the presence of AC voltage, check for the presence of display radialization, signaling the user with a LED and Buzzer on. Built-in bright flashlight.

### 2. FRONT PANEL DESCRIPTION



- 1-----Back flashlight
- 2-----Flashlight switch ON/OFF
- 3-----Battery cover & compartment
- 4-----OFF/ON host switch
- 5-----Detector VoltBeat

### 3. SAFETY INFORMATION ( Read First)

Warning  

**To avoid possible electric shock or person injury:**

- 1) Do not use if VoltBeat is not flashing.
- 2) Do not use if Tester appears damaged or if the Tester is not operating properly. If in doubt, have the Tester serviced.
- 3) Do not apply more than the rated voltage as marked on the Tester.
- 4) Use caution with voltage above 30V ac as a shock hazarded may exist.
- 5) Comply with local and national safety requirements.
- 6) Use proper protective equipment as required by local or national authorities.
- 7) Before each use, verify operation by testing a known working circuit that is within the rating of this unit. Steady red glow (not flash) indicates voltage present. If no indication, voltage could still be present. Do not rely on this tester with shielded wire. Operation may be affected by differences in socket design and type. If this product is used in a manner not specified by the manufacture, protection provided by the product may be affected.



- Double insulation

## 4. SPECIFICATIONS & WORK DATA

Detection voltage range	200V AC to 1000V AC
Power	3V (AAA*2)
Operating temperature	-10°C to 50°C (14°F to 122°F)
Storage temperature	-10°C to 50°C (14°F to 122°F)
Humidity	95% (0°C to 40°C (32°F to 104°F))
Altitude	3000m
Contaminated distinction	II
Weight	48.5g
Max work current	32mA
Max off current	0.08uA

## 5. OPERATING INSTRUCTIONS

### 1) Turning the unit on

Momentarily press the black  $\ominus$  button. Listen for a double beep to confirm activation of the unit.

A continual VoltBeat flash visually indicates the unit is active

### 2) Turning the unit OFF

Press and hold the black  $\ominus$  button for more than 1 second. Listen for a long 1 second beep to confirm deactivation of the unit. The absence of the VoltBeat flash indicates the unit is inactive

### 3) VoltBeat(system self test)

VoltBeat is a self-test feature for visually confirming battery and system integrity, and power-on. It provides once flash every 1 second during normal operation.

#### **4) Checking for the presence of AC voltage & radialization**

Placing the tip of the unit near an AC voltage and display produces a steady glow at the tip and (if enabled) a continual beep

#### **5) Auto power off**

After about 3 minutes of non-use, the unit automatically performs a power off to save batteries. A longer beep provides an audible indication of the event.

The absence of the VoltBeat flash serves as a visual power-off indication

#### **6) Flashlight on & off**

Press and hold the back black button for flashlight on, if button undo for flashlight off

### **6. BATTERY REPLACEMENT**

When the battery voltage drops below 2 volts VoltBeat provides a visual indication by stopping the VoltBeat flash. Replace with 2 AAA batteries. Slide the battery cover (○3/Fig) and remove the battery. Make sure the battery cover is secure after changing the battery.

**NOTE : If it will be not in use for long time, please remove battery.**



