




# AC Voltage Detector

## User's Manual

### SAFETY SYMBOLS

-  Important safety information, refer to the operating manual
-  double insulation     Earth ground

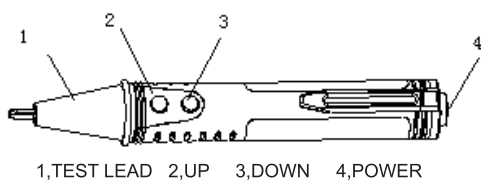
### CAUTION

Using this appliance in an environment with a strong radiated radio-frequency electromagnetic field (approximately 3V/m), may influence its measuring accuracy. the measuring result can be strongly deviating from the actual value. Read, understand and follow Safety Rules and Operating Instructions of the manual before using.

### WARNING

**BE EXTREMELY CAREFUL IN THE USE OF THIS DEVICE.**  
Improper use of this device can result in injury or death. Follow all safeguards suggested in this manual in addition to the normal safety precautions used in working with electrical circuits.  
**DO NOT** service this device if you are not qualified to do so.

### STRUCTURAL REPRESENTATION

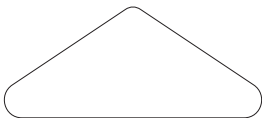
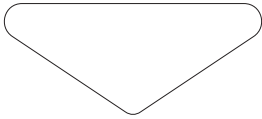


### FUNCTIONS

Sound and light instructions.  
Adjustable sensitivity, Setting the default sensitivity.  
Auto power off .

### SPECIFICATIONS

Ac voltage rang	12 ~ 1000V AC(50/500Hz)
Safety standard	EN61010-1/CAT III 600V
Operating temperature	14 ~ 122°F (-10 ~ 50 °C)
Storage temperature	-4 ~ 140°F (-20 ~ 60 °C)
Humidity	<85%RH
Battery	2X1.5V(AAA Type)alkaline battery
Size/weight	157X24X20mm/APPROX.42g




### BATTERY INSTALLATION


1. Open the battery door (end cap) by gently prying up/out at the pocket clip using a small screwdriver.
2. Insert one AAA Type alkaline battery batteries (observe polarity).
3. Replace the battery door.

#### NOTE:


If your meter does not work properly, check the battery to make sure if it is still good and that it is properly inserted.

-  **WARNING**
- 1, To avoid electric shock, do not operate the meter until the battery cover is in place and fastened securely.
  - 2, The measurement must be done only with the cap on the probe tip.

### OPERATING INSTRUCTIONS

-  **WARNING**
- When you detecting the High-voltage circuits, both AC , are very dangerous and should be measured with great care.

#### ● AC Voltage Detection

-  **WARNING**
- 1, Before using to check for voltage in a socket, always test the Voltage Detector on a known live circuit to verify that the Voltage Detector is working properly.
  - 2, Keep hands and fingers on the body of the probe and away from the probe tip.

#### To check AC electrical voltage in a socket:

1. Press the power switch 4 to turn the detector on, and then setting sensitivity by press the button 2 to the high sensitivity or press the button 3 to the low sensitivity.
2. Touch the probe tip 1 to a cord plugged into the socket, or insert it into the socket hole.
3. If AC electrical voltage is present, the detector light will flash and the buzzer will beep.

#### ● Auto power off

If there's no any operation and no AC voltage or metal object is detected within fifteen minutes after power is on, the meter will auto power off with buzzer beep and the red LED flash.

#### ● Set the Default Sensitivity

If you want to change the default sensitivity of the detector, you may first set the detector to a proper sensitivity and then press the button 2 and the button 3 at one time and hold it for two seconds, the detector will save the sensitivity to default sensitivity itself.