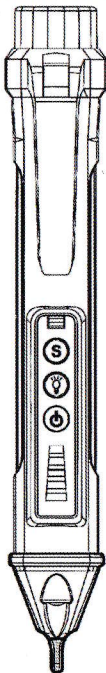


NON CONTACT VOLTAGE DETECTOR

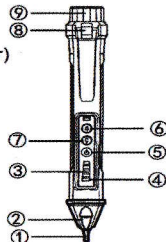


1. SAFETY NOTICE

- 1.1) To prevent electrical shock or harmful of human body, please read carefully this manual before use this instrument to test the AC voltage, otherwise all the protection function will be useless to the user.
- 1.2) If power indicator don't turn on, don't attempt to use this instrument.
- 1.3) Before use, please try it at the known AC cable to sure it work fine.
- 1.4) When detect the AC voltage with this instrument, if no any led or sound heard, still have the chance have AC/ DC voltage existing, due to this instrument is to detect the electrical field strength of AC signal, if this signal was block due to shielding cover on or interference by other strong high frequency signal, the thickness of insulation material, the distance of the ac signal (inside the wall or cover by metal duct) etc.
- 1.5) If instrument was damaged or mal-function, don't use this instrument. Please pay attention of the test pin, if found any broken or cracked, please send it back to manufactory for repair.
- 1.6) Please don't placed over voltage in this instrument as marked range (<1000 AC).
- 1.7) If the detected AC voltage over 30V, please be careful of the electrical shock.
- 1.8) Please comply with the local safety regulation.
- 1.9) Please comply with the national safety regulation or rule to protect the end user with right protected device.

2. PANEL DESCRIPTION

- 1) Detect pin (NCV sensor)
- 2) Torch led.
- 3) Signal strength indicator
- 4) Power indicator
- 5) Power On/Off key
- 6) Sensitive adjustment key
- 7) Torch On/Off key.
- 8) Battery door lock
- 9) Battery Cover



3. Operation instruction

1.1) Power On/Off instrument :

Power On: Depress "Power On/Off" key more than a second to turn it on, power indicator turn on.

Power Off: Depress "Power On/Off" key once to turn it off, power indicator turn off.

1.2) Turn torch On/off:

Turn torch On: Depress "Torch On/Off" key to turn torch on.

Turn torch Off: When torch on, depress "Torch On/Off" key once to turn it off.

1.3) AC voltage detection:

Insert the detect pin into the AC power socket or close to the AC cable that suppose have AC voltage there, if instrument detected a AC signal, it will light up the signal led and buzzer will have beep beep sound to alert user with difference frequency signal. The AC signal have three different range, weak, middle and strong, it will light up the respected led at the same time.

1.4) Auto power off:

If no any signal or key in detected, instrument will be turn off after 5 minutes.

1.5) Lower battery indication:

If battery voltage lower than 2.6V, power indicator will blinking 3 time and buzzer sound once, then unit turn off. Please to replace with new battery immediately.

1.6) Replace battery:

Please use finger nail to press down the battery door lock, then take off the battery cover, insert two AAA size battery into battery compartment with correct polarity. (battery positive contact face outside).

4. Technical specification

AC voltage detection range	about 12 to 1000V (50/60Hz)
Detected Frequency	50/60Hz
Alarm mode	alert user with led and buzzer sound.
Torch	White color led
Zero line and Live line determination	according to detected signal strength to determine it is zero or live wires.
NCV sensitivity	adjust the sensitivity by sensitivity adjustment key.
NCV signal strength indication	turn on different led to show out the NCV detected signal strength (weak/ middle /strong)
Operation temperature range	0~ 40 °C
Storage temperature range	10~50 °C
Altitude	Less than 2000 meter
Safety grade	CE CAT. II -1000V /CATIV- 600V
Power supply	2 X 1.5V AAA size battery.
Product dimension	155.50*24mm
Product Weight	70 gram