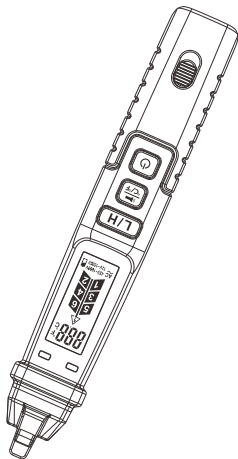




NMK18

User Manual

Advanced AC Voltage Tester



Warning

Before using this instrument, please fully read all safety information carefully and strictly observe the safety rules and the precautions & warnings listed.

Safety information

Warning

To avoid possible electric shock or personal injury, and to avoid possible damage to the Tester or to the equipment being tested, adhere to the following rules: :

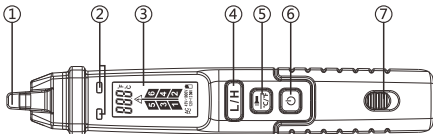
- Use the Product only as specified, or the protection supplied by the Product can be compromised.
- Do not use the tester when there is no reaction on the LCD screen.
- Before using the voltage detector, please test the known power supply firstly to ensure that it's in good working condition.
- When using this voltage detector, even if there is no indication or no sound alarm, there may still be a voltage. When the supply voltage produces an electrostatic field of sufficient intensity, the voltage detector indicates the effective voltage. If the field strength is too weak, this tester can not detect the existence of voltage. The results of voltage test may be affected by several factors, including but not limited to the shielded wires/cables, the thickness and type of insulation, the distance from voltage sources, the differences in complete insulators, the socket design, etc.
- Before using the tester, inspect the exterior casing. Do not use the tester if it is damaged or if all or part of the exterior casing is removed. Look for cracks or missing plastic. Pay special attention to the insulation around the connectors. If there are any quality problems, please contact us in time to get a refund/replacement.
- Do not apply more than the rated voltage, as marked on the voltage detector.
- When the tester pen is working at an effective voltage over 30V rms in AC, special care should be taken because there is a danger of electric

shock.

- Comply with local and national safety regulations and use appropriate protective equipment as required by local or national authorities.

The Structure

1. Probe (NCV sensor)
2. Signal strength indicator - high (red), low (green).
3. LCD display
4. High/low sensitivity conversion button
5. The front flashlight & temperature conversion button
6. Power switch button
7. Strong flashlight switch button



OPERATING INSTRUCTIONS

1. Turn on/off the tester

Turn on the tester: short press the power switch button, the screen displays the temperature and voltage range.

2. Turn on/off the flashlight

Turn on the flashlight: When the tester is turned on, short press the flashlight switch $\frac{\text{light}}{\text{C/F}}$ to turn on the flashlight.

Turn off the flashlight: When the flashlight is on, short press the flashlight switch $\frac{\text{light}}{\text{C/F}}$ to turn off the flashlight.

3.AC voltage detection

Insert the tester's probe into the power outlet or near the live wire, when the tester detects the AC voltage signal, the display will show the voltage signal strength; At the same time, the buzzer will sound the alarm with different frequencies according to the detected signal strength.

4.Neutral/Live wire discrimination

Please separate the two wires to be tested as much as possible, and then use the probes of the tester to close the wires respectively. If it is a socket, insert the probes into the jack. The tester with strong detection induction is the live wire, and the induction signal is weak or there is no induction signal, it is the neutral line.

5.Ambient temperature

The default temperature unit at power-on is °C, long press the " $\frac{C}{F}$ " key to switch to the unit °F.

Note: This device can only test the temperature of the surrounding environment, not the water or food temperature . Do not use this device to test the temperature of water or food to avoid damage to the device

6. Selection of AC voltage detection range

L—48~1000V (Low sensitivity mode).

H--12~1000V (High sensitivity mode).

The default AC voltage detection range when the tester is turned on: about 48~1000V (Low sensitivity mode).

Lightly press the AC voltage detection range switch switch (L/H), the tester can detect the voltage range of about 12~1000V (High sensitivity mode).

Then lightly press the AC voltage detection range switch switch (L/H), the tester can detect the voltage range of about 48~1000V.

Note:

It is recommended to use low sensitivity mode for detection first. If there is no obvious response from the electric pen (due to too thick insulation or other interference), switch to high sensitivity to find the live wires (the red light at the top will be on).

-- High-sensitivity mode will give an alarm response within the magnetic field range of a current (the Voltage tester is not broken, just because its sensitivity is high enough). As long as you choose a high sensitivity, close to the charged object, it will sound an alarm. Don't be afraid, continue to test. In high sensitivity mode, green light - null wire; Red light - live wire, that's for sure. The higher the sound frequency, the stronger the current.

– High-sensitivity mode will be disturbed by any other electrical appliances within 1 meter and alarms. Please continue to find the place with the strongest current according to the alarm sound and the current intensity level displayed on the screen.

Suggestion:

When you test the lights on the Christmas tree, look for broken lights along the line. Good

bulbs have current so that the electric pen will alarm, while broken bulbs will have a low sound frequency or no sound.

Range of applications for high sensitivity mode.

For thicker insulation, e.g. testing wires in walls. If there is no response when selecting the 48-1000V range mode for testing, select the 12-1000V range mode

7. Automatic shutdown function

When the tester is not operated for about 5 minutes and no voltage signal is detected, the tester will automatically shut down. If you need to turn on again, please press the power button again to turn on

8. Battery undervoltage indication

When the battery voltage is too low, the screen displays the battery symbol, please replace the battery in time.

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| AC Voltage Range | Approx. 12~1000V(Press "L/H"button to switch) Approx.48~1000V (Press "L/H"button to switch) |
| Frequency | 50Hz/60Hz |
| Alarm method | Screen display + sound alarm |
| Flashlight | LED |
| Automatic shutdown | √ |
| Battery undervoltage indication | √ |
| Neutral/Live wire discrimination | According to the signal strength to judge, the signal is strong fire line |
| Temperature range | 32°F-158°F (0°C-70°C) |
| Temperature accuracy | 1°F/1°C |
| Temperature Error | ±4°F/±2°C |
| NCV Sensitivity | Self-selection of 2 types of sensitivity (high and low) |
| NCV sensitivity indication method | Alarm sound and screen display signal |
| Operating Temperature | 0~40 °C |
| Storage temperature | -10~50 °C |
| Altitude | <2000m |
| Safety level | CE CAT.III 1000V / CAT.IV 600V |
| Power supply | 2x1.5V AAA battery |
| Product Size | 160mmx23mmx26mm |
| Product weight | 76g/2.61oz |

BATTERY REPLACEMENT

1. Open the battery cover.
2. Take out the old battery.
3. Install the new battery according to the positive and negative instructions of the battery.

Warning: To avoid electric shock, do not use the battery cover before it is fastened in place

ACCESSORIES

1. User Manual *1

Importálja / Importer:
Mixvil Kft, HUNGARY
H-4002 Debrecen,
Domokos M. út 3,
www.mixvil.hu
Szarmazási hely: Kína
Made in China

