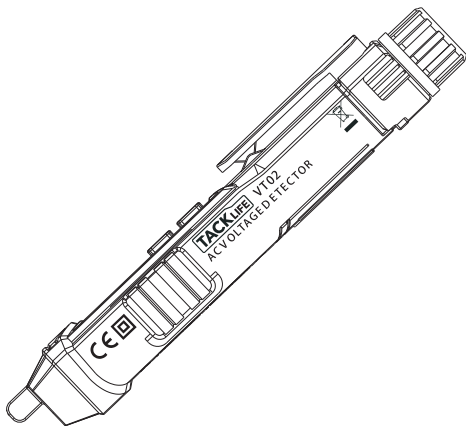


TACKLIFE

User Manual

Advanced AC Voltage Detector



Model: VT02

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: :

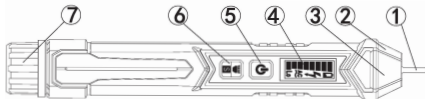
- Use the Product only as specified, or the protection supplied by the Product can be compromised.
- Do not use the tester when there is no reaction on the LCD screen.
- Before using the voltage detector, please test the known power supply firstly to ensure that it's in good working condition.
- When 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 LED flashlight
- ③ Signal indicator
- ④ LCD screen
- ⑤ Power button
- ⑥ sensitivity/Flashlight (With sensitivity indicator)
- ⑦ Battery compartment



OPERATING INSTRUCTIONS

Switching on/off

For switching on the voltage tester, the following instructions are given:

- Press the power button for 2 seconds to switch on this voltage tester. The buzzer alarms, and the LCD screen lights up.
- To switch off the tester, press the power button once, the screen lights off.

High/low sensitivity

When first turned on, the tester is in low sensitivity mode(48-1000V) by default. Press and hold the sensitivity/flashlight button until the LED light is turned on, and then press the same button once to make the "S" button light

up, the high sensitivity mode was chosen, and then you can test the wider power(12~1000V).

Every time you turn it on, the mode of the tester is still low sensitivity, you need to change its sensitivity again according to the instructions above.

Notes:

High sensitivity: 12~1000V

Low sensitivity: 48~1000V

LED Flashlight

When the tester is running, press the sensitivity / flashlight button for more than 2 seconds to turn on its LED light.

- Press the same button for more than 2 seconds to turn the light off.
- When no button on the tester is pressed and no voltage signal is felt for approx. 3 minutes, it automatically switches off to save the batteries.

Live/Null wire

Live Wire Test

When the sensor end of the measuring pen is close to the object to be measured, the fast-paced buzzer alarms with its red indicator flashing quickly, and the LCD shows red light, indicating that the tested line is a LIVE WIRE.

Null Wire Test

When the sensor end is close to the object to be measured, the slow-paced buzzer alarms with its red indicator flashing slowly, and the LCD shows green light, indicating that the tested line is a Null Wire.

AC voltage detection

This tester can only be used to test AC voltage. We also have TACKLIFE meters for testing DC voltage. Please choose the right products according to your needs.

First, place the probe of the voltage detector near the AC power supply. When it senses AC voltage, the red indicator flashes. The stronger the voltage it senses, the more bright bars appear on the LCD screen, and the

more frequently the buzzer alarms.

Note 1: As for the different structures of various sockets, the live/null wire of some socket may not be distinguished by the color of LCD light. In testing a socket, if the red light flickers both when you test live wire and null wire. At this time, please distinguish the live/null wire according to the number of brightness bars on the screen. When approaching the live wire, all the brightness bars will shows. (Sometimes a similar situation occurs in testing the Null wire forming circuit.)

Note 2: When you want to distinguish the Null wire from the Live wire, if they are very close to each other, please separate the two wires as far as possible for detecting. If they are inseparable, you can distinguish by the strength of the detected signal. A strong signal indicates the Live wire, and a weak signal indicates a Null wire.

Automatic shutdown

When no button on the tester is pressed and no voltage is sensed for approx. 3 minutes, it automatically switches off to save the batteries.

Low battery indicator

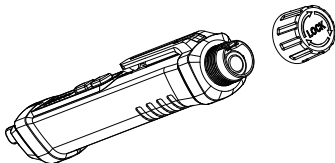
When the battery voltage drops to less than 2.5 volts, the LCD will display " " symbol to tell you that you need to replace batteries, though at this time, you can still use it for several times. When the battery voltage drops to less than 2.3 volts, the voltage detector will automatically turn off. Replace the battery as soon as the battery indicator appears. With a low battery, the tester might produce false readings that can lead to electric shock and personal injury.

Technical specifications

operating voltage :	3V
AC voltage:	12~1000V, 50/60Hz
operating temperature :	0~40 ℃
Storage temperature	-10~50 ℃
Relative air humidity :	≤95%
Altitude:	≤2000m
Safety Compliance:	CAT.III 1000V CAT.IV 600V; CE
Battery:	2×1.5V AAA

Replace the battery

Rotate the battery cover as shown below, then remove the old batteries and replace them with two new batteries according to the positive and negative instructions.



Warning:

In order to avoid electric shock, voltage test should not be used before locking the battery cover.

Maintenance

Beyond replacing the batteries, do not attempt to repair or service your multimeter unless you are qualified to do so and have the necessary calibration, performance testing and service instruments.

To clean it:

Wipe off debris using a moist and soft cloth. Do not use any cleaning agents or solvents.

Notes: After cleaning, the voltage detector must be dried before it can be used.

24-Month Warranty

In order to ensure the perfect experience of customers, we promise 24 months of after-sales service. Within 24 months, you can ask for a refund or a replacement for any problem about this tester. There is our official website link on the warranty card, you can also directly contact the seller through your buyer account to ask for service about any TACKLIFE products.

Your warranty includes

- **30 days Money Back Guaranty**

Within the first 30 days of your purchase, you are allowed to return your product for a full refund.

- **30 to 90 days**

If your product fails due to manufacturer fault, we will replace the defective unit with a new one.

- **90 Days to 6 Months**

We will replace the defective unit with a new one. If you register on our website, you will receive extra 24 months warranty.

How to return your Tacklife Products

Contact support@tacklife.net with your order number.

We will issue you RMA # and return address for your return.

Please fill out RMA info, tear off this page and leave it inside your package.

We will issue replace / return after receiving your return.

Return product details

To get your returns processed as quickly as possible, please fill this form and include it in your return package

Purchase Name	
Order Number	
Date of Purchase	
Your Email Address	
Where did you buy it	

- * If your product is purchased from Amazon Fulfilled channel, please contact Amazon for your return within 30 days of purchase



Warranty Registration

We are glad to invite to register the warranty information at
www.tacklifetools.com. After registration, you may kindly
enjoy the exclusive service



Shenzhen Take Tools Co., Ltd.



www.tacklifetools.com



www.facebook.com/Tacklife.US



support@tacklife.net



**No.B714,Niulanqian Building, Minzhi Road, Longhua
District, Shenzhen, Guangdong, China 518000**



RoHS
Made in China

