

Srliya WT3010

Srliya WT3010 LED AC Voltage Tester

USER MANUAL

INTRODUCTION

Thank you for choosing the Srliya WT3010 LED AC Voltage Tester. This non-contact voltage detector pen is designed for safe and efficient detection of AC voltage in electrical circuits, outlets, and wires. It features adjustable sensitivity, LED indicators, and an audible alarm, making it an essential tool for electricians, DIY enthusiasts, and homeowners.

Please read this manual thoroughly before using the device to ensure proper operation and safety.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- Always test the device on a known live circuit before use to confirm proper operation.
- Do not use the tester if it appears damaged or is not operating correctly.
- Do not exceed the specified voltage range (12-1000V AC).
- This device is designed for non-contact detection. Do not attempt to make direct contact with live conductors.
- Keep the device dry and clean. Do not expose it to water or excessive humidity.
- Replace batteries promptly when the low battery indicator appears.
- This device is intended for use by qualified personnel or under their direct supervision.
- Adhere to all local and national electrical safety codes.

PRODUCT OVERVIEW

Familiarize yourself with the components of your WT3010 Voltage Tester.



Figure 1: Overall view of the Sriya WT3010 LED AC Voltage Tester, showing its pen-like design with a red and black body.



Figure 2: Close-up view of the tester's display and control buttons, including the power button and sensitivity switch.

1. **Sensor Tip:** Detects AC voltage.
2. **LED Indicator:** Illuminates when voltage is detected.
3. **Power Button:** Turns the device on/off.
4. **Sensitivity Switch (S Button):** Toggles between high (12-1000V) and low (48-1000V) sensitivity modes.
5. **Battery Compartment:** Located at the bottom, secured by a twist-lock cap.
6. **Pocket Clip:** For convenient carrying.

SETUP

Battery Installation

The WT3010 requires two (2) 1.5V AAA dry batteries (not included).

1. Twist the battery compartment cap at the bottom of the tester counter-clockwise to unlock and remove it.
2. Insert two AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.

3. Replace the battery compartment cap and twist clockwise to lock it securely.



Figure 3: The bottom end of the tester, indicating the battery compartment cap that twists off for battery insertion.

OPERATING INSTRUCTIONS

Power On/Off

1. Press the Power button (marked with a circle and vertical line) to turn the tester on. The LED indicator will light up briefly, and a short beep will sound.
2. To turn off, press and hold the Power button until the device powers down. The device will automatically shut off after approximately 5 minutes of inactivity to conserve battery life.

Sensitivity Adjustment

The WT3010 offers two sensitivity modes:

- **High Sensitivity (12-1000V AC):** Ideal for detecting low voltage, tracing wires behind walls, or detecting voltage from a distance. This is the default mode upon power-on.
- **Low Sensitivity (48-1000V AC):** Suitable for general voltage detection in outlets or direct wire testing, reducing false positives from ambient electrical fields.

1. Press the Sensitivity button (marked 'S') to toggle between high and low sensitivity modes. The display will indicate the current sensitivity setting (e.g., "Low").



Figure 4: Top-down view highlighting the power button and the 'S' button for sensitivity adjustment.

Voltage Detection

1. Ensure the tester is powered on and the desired sensitivity mode is selected.
2. Place the sensor tip of the tester near the wire, outlet, or circuit you wish to test.
3. If AC voltage is detected within the specified range, the LED indicator will flash, and an audible beep will sound. The frequency of the beeps and flashes will increase with stronger voltage signals.
4. A continuous beep and rapid flashing indicate a strong voltage presence.



Figure 5: Demonstrates the proper way to hold the voltage tester during operation, with the sensor tip pointed towards the area to be tested.

MAINTENANCE

- **Cleaning:** Wipe the tester with a dry, clean cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If the low battery indicator appears or the device does not power on, replace the batteries immediately. Remove batteries if the device will not be used for an extended period to prevent leakage.

TROUBLESHOOTING

Problem	Possible Solution
Tester does not power on.	Check battery installation and polarity. Replace batteries if necessary.
No detection or inconsistent detection.	Ensure the tester is powered on. Try switching to high sensitivity mode. Test on a known live circuit to verify functionality. Ensure the sensor tip is close enough to the source.
False positives (detects voltage where none is expected).	Switch to low sensitivity mode. Ensure there are no strong electromagnetic fields nearby.

SPECIFICATIONS

Parameter	Value
Measuring Voltage Range	AC 12-1000V, 50/60Hz
High Sensitivity Range	12-1000V
Low Sensitivity Range	48-1000V
Operating Temperature	0-40°C (32-104°F)
Storage Temperature	-10-50°C (14-122°F)
Humidity	≤95%
Altitude	≤2000m
Safety Level	CAT.III 1000V, CAT.IV 600V.CE
Power Supply	2 x 1.5V AAA Dry Battery (not included)
Dimensions	Approx. 167x21x26mm (6.6x0.8x1.0in)
Weight	Approx. 58g (2.05 ounces) without batteries

WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact the retailer. For technical support or inquiries, please reach out to Sriya customer service through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question