SPERRY GFI6302 Non-Contact Voltage Tester Operating Instructions

Contents

SPERRY

SPERRY GFI6302 Non-Contact Voltage Tester

BEFORE USE

READ ALL OPERATING INSTRUCTIONS BEFORE USE.

- Use extreme caution when checking electrical circuits to avoid injury due to electrical shock.
- Sperry Instruments assumes basic knowledge of electricity on the part of the user and is not responsible for any injury or damages due to improper use of this tester.
- OBSERVE and follow all standard industry safety rules and local electrical codes.
- When necessary call a qualified electrician to troubleshoot and repair the defective electrical circuit.

SPECIFICATIONS

- **Operating Range:** 120 VAC, 60 Hz; CAT III 300V
- **Indicators:** Visual Only
- **Operating Environment:** 32° – 104° F (0 – 32° C) 80% RH max., 50% RH above 30° C
  Altitude up to 2000 meters. Indoor use.
  Pollution degree 2. By IED-664.
- **Cleaning:** Remove grease and grime with a clean, dry cloth.

PRODUCT DIMENSIONS

OPERATION

1. Plug the tester into any 120-volt standard or GFCI outlet.
2. View the indicators on the tester and match them with the chart on the tester.
3. If the tester indicates a wiring problem then turn off all power to the outlet and repair wiring.
4. Restore power to the outlet and repeat steps 1-3.

TO TEST GFCI-PROTECTED OUTLETS

1. To test GFCI (Ground Fault Circuit Interrupter) protected circuits plug the tester into a protected outlet. Verify the power is on and that the outlet is wired properly.
2. Press the GFCI test button.
3. If the circuit is wired properly the main GFCI outlet should trip and power to the circuit should be off (this is indicated by the neon lamps on the tester turning off).
4. When checking circuits with a GFCI outlet on them, the tester may indicate hot/ground reversed when the actual wiring condition is open neutral.

CAUTION – REFER TO THIS MANUAL BEFORE USING THIS TESTER.

Double Insulation: The tester is protected throughout by double insulation or reinforced insulation.

FEATURES

- **Non-Contact Detection:** You don’t have to touch any lines to safely find voltage.
- **Adjustable Sensitivity:** This feature lets you find voltage on a range of scales and in a variety of settings.

- **LED Indicator Lights:** This makes it easy to see when power is present.
- **Audible Alarm:** Makes a noise when electricity is found, which makes the device safer.
- It can pick up energy from low-voltage circuits all the way up to high-voltage transmission lines.
- **Self-Testing Function:** This feature checks itself automatically to make sure it works right.
- **Dual Range Detection:** It can find both high voltage (48V–1000V) and low voltage (12V–48V) in circuits.
- **Low Battery Indicator:** This lets the user know when the battery is almost dead.
- **Auto-Power-Off:** Uses less power by turning off by itself when not in use to save battery life.
- **Built-in flashlight:** This helps you see wires and switches when it's dark.
- **Ergonomic Design:** Made to be easy to hold and use in small areas.
- **Clip Design:** It clips onto a belt or tools easily so you can get to it quickly.
- **Lightweight:** Small and simple to move around on the job site.
- **Built to last:** Made to handle rough working conditions and drops.
- **Battery-Powered:** Uses AAA batteries, which are easy to find.
- **CAT IV Safety Rating:** It can be used in industrial settings with higher power systems.
- **Simple one-button operation:** This makes it easy for both pros and amateurs to use.
- **High Frequency Sensitivity:** It can tell when voltage is present in wires, circuit breakers, and other electrical items.
- **Uses Many Things:** It's great for checking the safety of electrical wiring in homes and in factories.

Limited Lifetime Warranty

limited solely to repair or replacement; no warranty of merchantability or fitness for a particular purpose. The product is warranted to be free of defects in materials and workmanship for the normal life of the product. In no event shall Sperry Instruments be liable for incidental or consequential damage.

Menomonee Falls, WI 53051

- 1-800-645-5398
- www.SperryInstruments.com

FREQUENTLY ASKED QUESTIONS

What should I do if my SPERRY GFI6302 Non-Contact Voltage Tester does not power on?

Ensure that the batteries are installed correctly in your SPERRY GFI6302 Non-Contact Voltage Tester and that they are fresh, as the tester requires no batteries but may need a reset.

How can I troubleshoot if my SPERRY GFI6302 Non-Contact Voltage Tester is not detecting voltage?

Make sure you are holding the SPERRY GFI6302 Non-Contact Voltage Tester close enough to the wire or outlet, as it needs to be within a certain range to detect voltage.

What should I check if the lights on my SPERRY GFI6302 Non-Contact Voltage Tester are not illuminating?

Check for any debris or obstructions on the sensor of your SPERRY GFI6302 Non-Contact Voltage Tester, as this can prevent it from functioning properly.

Why does my SPERRY GFI6302 Non-Contact Voltage Tester beep continuously?

Continuous beeping from your SPERRY GFI6302 Non-Contact Voltage Tester indicates that it has detected live voltage; ensure you are using it safely and away from conductive materials.

How can I reset my SPERRY GFI6302 Non-Contact Voltage Tester if it appears frozen?

To reset your SPERRY GFI6302 Non-Contact Voltage Tester, simply turn it off and then back on again to restore normal functionality.

What should I do if my SPERRY GFI6302 Non-Contact Voltage Tester gives inconsistent readings?

Ensure that you are testing in a stable environment and that the probe of your SPERRY GFI6302 Non-Contact Voltage Tester is clean and free from moisture or dirt.

Why might my SPERRY GFI6302 Non-Contact Voltage Tester fail to test a GFCI outlet?

Make sure you are using the correct testing method for a GFCI outlet with your SPERRY GFI6302 Non-Contact Voltage Tester, as it is primarily designed for non-contact voltage detection.

How can I ensure accurate readings with my SPERRY GFI6302 Non-Contact Voltage Tester?

Keep the tip of your SPERRY GFI6302 Non-Contact Voltage Tester clean and dry, and ensure you are testing in an area free from interference from other electrical devices.

What do I do if my SPERRY GFI6302 Non-Contact Voltage Tester is showing a false positive reading?

Move the tester away from the source of interference and try retesting with your SPERRY GFI6302 Non-Contact Voltage Tester, as nearby electrical fields can cause false readings.

How can I maintain my SPERRY GFI6302 Non-Contact Voltage Tester for optimal performance?

Regularly clean the probe tip of your SPERRY GFI6302 Non-Contact Voltage Tester and store it in a dry place to prevent damage and ensure reliable operation.

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VIDEO – PRODUCT OVERVIEW

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DOWNLOAD THE PDF LINK: https://manualslib.com/products/SPERRY-GFI6302-Non-Contact-Voltage-Tester-Operating-Instructions-Contact-Voltage-Tester-Operating-Instructions.mp4

REFERENCE: SPERRY GFI6302 Non-Contact Voltage Tester Operating Instructions-Device.Report

References

- User Manual