

 **SPERRY**
VD6508
NON-CONTACT
VOLTAGE
TESTER



SPERRY VD6508 Non-Contact Voltage Tester Operating Instructions

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SPERRY VD6508 Non-Contact Voltage Tester



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.

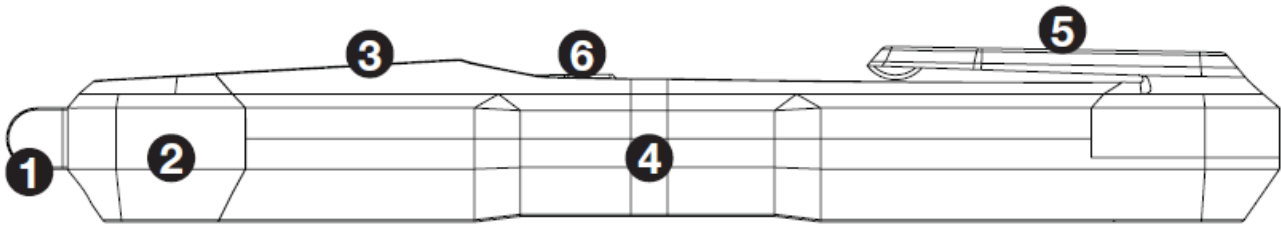
OBSERVE and follow all standard industry safety rules and local electrical codes.

When necessary, call a qualified electrician to troubleshoot and repair the defective electrical circuit.

METER FUNCTIONS

1. Super bright LED flashlight
2. Hi-Vis™ 360° indication
3. Loud beeping audible indication
4. Hi-impact ABS housing
5. Pocket clip

6. Power button



SPECIFICATIONS

- **Operating Range:** Adjustable from 50-1000 VAC, 50-60 Hz; CAT III 1000V/CAT IV 600V.
- **Indicators:** Visual and Audible.
- **Operating Environment:** 32°F – 104°F (0°C – 32°C); 80% RH max., 50% RH above 30°C.
- **Altitude:** Up to 2000 meters. Indoor use.
- **Pollution Degree:** 2.
- **Cleaning:** Remove grease and grime with a clean, dry cloth.



OPERATION



Fig. 1







- **Before use:** Test the battery by pressing the power button (#6) on the top side of the tester. If the battery is good, the light will flash and the speaker will chirp momentarily. If indicators do not function, replace the battery. This unit operates on 1 AAA battery. To replace the battery, slide the pocket clip (#5) up as indicated by the arrow on the side of the pocket clip. Insert a new battery and slide the pocket clip back into place.
- **To test for voltage:** Press the power button to turn on the tester. This will also turn on the LED flashlight. The tester and flashlight will remain on until the power button is pressed again. Place the sensor on or near the wire, device, or circuit to be tested. If AC Voltage between 50-1000 VAC is present, the red LED and flashlight will flash, and the speaker will beep continuously.

- **Static Electricity:** The tester is subject to electrical static interference. If the LED or tone activates a single time, it is detecting static electricity in the air. When detecting voltage, the LED and tone will activate repeatedly.

FEATURES

- Safely finds AC voltage without touching live lines with non-contact voltage detection.
- The voltage range it can find is from 50V to 1000V AC.
- **Dual Range Sensitivity:** It can pick up on both low and high power levels.
- **Visual Indicator:** When electricity is found, a red LED light flashes.
- **Audible Alarm:** When electricity is found, a beeping sound lets the user know.
- **Flashlight with built-in LEDs:** This gives you light to work in low light.
- **CAT IV Safety Rating:** Approved for use in places with up to 1000V of electricity, which means the highest level of safety.
- **CAT III Safety Rating:** This means it can be used to test wires and equipment in buildings.
- **Small and Lightweight:** It's designed to fit in your pocket, making it easy to carry and use.
- **Ergonomic design:** a comfortable grip that lets you use it for a long time without pain.
- **Battery-powered:** It runs on two AAA batteries that are included and are easy to change.
- The Low Battery Indicator lets you know when the battery is running low so that you can get accurate readings.
- **Auto Power-Off:** This feature turns off the device automatically after a certain amount of time to save battery life.
- The high-impact ABS housing is built to last and can handle rough handling on the job site.
- **Wide Temperature Range:** It can work in temperatures from 32°F to 104°F (0°C to 40°C).
- **360-Degree Visibility:** LED signs can be seen from all sides, making voltage easy to find.
- **Pocket Clip:** This clip is built in so it's easy to attach to bags or tool belts.
- **Pollution Degree 2 Rated:** It can work in places where the pollution isn't conductive.
- **Rated for altitude:** Works up to 2000 meters above sea level.
- **CE Certified:** This means that it meets European safety rules for electrical equipment.

SAFETY WARNINGS

-  **CAUTION** – REFER TO THIS MANUAL BEFORE USING THIS TESTER.
-  **Double Insulation:** The tester is protected throughout by double insulation or reinforced insulation.
-  **Warning:** This product does not sense potentially hazardous voltages below 50 volts. Do not use outside of the marked/rated ranges indicated.
-  **Warning:** To ensure the unit is operating properly, always test on a known live circuit before use.
-  **Warning:** This tester will not detect voltage in wires that are electrically shielded by metal conduit or grounded electrical enclosures.
-  **Do not place any portion of your hand nearer the tip than the Power button .**

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 will Sperry Instruments be liable for incidental or consequential damage.

FREQUENTLY ASKED QUESTIONS

What is the primary function of the Sperry VD6508 Non-Contact Voltage Tester?

The Sperry VD6508 Non-Contact Voltage Tester is designed to detect AC voltage from 50V to 1000V without requiring contact with live electrical conductors, enhancing safety during electrical work.

How does the Sperry VD6508 indicate the presence of voltage?

The Sperry VD6508 uses both audible alerts (beeping) and visual indicators (a 360-degree flashing red light) to signal the presence of AC voltage.

What type of battery does the Sperry VD6508 require?

The Sperry VD6508 operates on a single AAA battery, which is typically included with the device.

What is the weight of the Sperry VD6508 Non-Contact Voltage Tester?

The Sperry VD6508 weighs approximately 1.6 ounces, making it lightweight and easy to carry.

What should I do if my Sperry VD6508 does not beep or light up when near a live wire?

If the Sperry VD6508 does not respond, first check that you are within its voltage detection range. If it still does not activate, inspect for battery issues or visible damage to the device.

How can I verify that my Sperry VD6508 is functioning correctly before use?

To verify functionality, test the Sperry VD6508 on a known live circuit. If it beeps and the LED indicator lights up, it is operational.

What should I check if my Sperry VD6508 gives inconsistent readings?

Inconsistent readings may result from electromagnetic interference or improper positioning. Ensure you are testing away from other electrical devices and check that the tester is functioning correctly.

Does the Sperry VD6508 come with any warranty?

Sperry VD6508 typically comes with a limited lifetime warranty against defects in materials and workmanship; check specific retailer details for warranty duration.

What types of applications can I use my Sperry VD6508 for?

The Sperry VD6508 is suitable for checking outlets, circuit breakers, light fixtures, and other electrical installations to ensure they are live and functioning properly.

How does one operate the Sperry VD6508 effectively?

To use the Sperry VD6508, simply hold it near an outlet or wire; if voltage is present, it will beep and flash accordingly.

How can I tell if my battery needs replacing in the Sperry VD6508?

If you notice dim LED indicators or no audible alerts when testing, it may be time to replace the battery in your Sperry VD6508.

Is there a built-in flashlight feature in the Sperry VD6508?

Sperry VD6508 includes a built-in super bright flashlight that can be useful in low-light conditions while working on electrical tasks.

What is the operating temperature range for the Sperry VD6508 Voltage Tester?

The operating temperature range for the Sperry VD6508 is typically between 32°F to 104°F (0°C to 40°C).

What should I do if my Sperry VD6508 Non-Contact Voltage Tester does not beep or light up when near a live wire?

If the Sperry VD6508 does not respond, first ensure you are within its voltage detection range of 50V to 1000V. If it still does not activate, check the battery and replace it if necessary.

How can I verify that my Sperry VD6508 is functioning correctly before use?

To verify functionality, press the power button on the Sperry VD6508. If the LED flashes and the speaker chirps, the tester is operational.

DOWNLOAD THE PDF LINK: [SPERRY VD6508 Non-Contact Voltage Tester Operating Instructions](#)

REFERENCE: [SPERRY VD6508 Non-Contact Voltage Tester Operating Instructions-Device.Report](#)

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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