SPERRY GFI6302

Sperry Instruments GFI6302 GFCI Outlet Tester Instruction Manual

Model: GFI6302 | Brand: SPERRY

1. Introduction and Overview

The Sperry Instruments GFI6302 GFCI Outlet Tester is designed to quickly and accurately test standard 3-wire and GFCI protected 120V AC outlets. This compact and durable tool identifies 7 common wiring errors, ensuring electrical safety in residential and professional environments. Its ergonomic design with over-molded rubber grips enhances usability.
This manual provides essential information for the safe and effective operation of your GFI6302 tester, including setup, testing procedures, wiring legend interpretation, and maintenance.

2. Safety Information

WARNING: Always exercise caution when working with electricity. Read and understand all instructions before use. This device is designed for testing purposes only and should not be used as a substitute for proper electrical knowledge or professional inspection.

- Ensure the outlet is a standard 120V AC, 60Hz outlet before testing.
- Do not use if the tester appears damaged.
- Always follow local electrical codes and safety regulations.
- If any wiring errors are indicated, consult a qualified electrician for repair.

3. Product Features

- **Durable Construction:** Hi-Impact Resistant ABS housing with soft over-molded rubber grips.
- **Clear Indication:** Bright color-coded neon lights for easy visual indication of wiring conditions.
- **Testing Capability:** Tests standard 3-wire and GFCI protected 120V AC outlets.
- **GFCI Function Test:** Allows testing of GFCI outlets and standard outlets wired in series with GFCI outlets.

- **Compact Design:** Ergonomic and portable for convenient use.
- **Safety Rated:** UL/CAS/Intertek, CAT III 300V, 10 ft Drop and 250 lb Crush rated.

4. Setup and Operating Instructions

4.1. Testing Standard Outlets

1. Plug the Sperry GFI6302 tester firmly into the 120V AC outlet you wish to test.
2. Observe the pattern of the illuminated neon lights on the tester.
3. Refer to the "Wiring Legend" section (Section 5) to interpret the indicated wiring condition.
4. If the "CORRECT" indication is shown, the outlet is wired properly.
5. If any other pattern is shown, a wiring error is present. Disconnect the tester and consult a qualified electrician.

4.2. Testing GFCI Outlets

1. Plug the Sperry GFI6302 tester firmly into the GFCI outlet.
2. Verify that the outlet is correctly wired by checking the light pattern against the "Wiring Legend" (Section 5). The "CORRECT" indication should be displayed.
3. Press the "Press for GFCI Test" button located on the top of the tester.
4. A properly functioning GFCI outlet should trip, cutting power to the outlet and any downstream outlets it protects. The lights on the tester will turn off.
5. If the GFCI does not trip, it is faulty and should be replaced by a qualified electrician.
6. To restore power, press the "RESET" button on the GFCI outlet.

5. Wiring Legend

The Sperry GFI6302 features a clear wiring legend on its body to help you quickly identify the status of an outlet. The legend is visible on both sides of the tester for convenience.

Image: Sperry GFI6302 GFCI Outlet Tester with its wiring legend clearly displayed. The legend indicates various wiring conditions using combinations of three neon lights.

GFI6302 Wiring Condition Indicators

Condition	Left Light	Middle Light	Right Light
Open Ground	OFF	ON (Orange)	ON (Orange)
Open Neutral	ON (Orange)	ON (Orange)	OFF
Open Hot	OFF	OFF	OFF
Hot/Ground Reverse	ON (Red)	OFF	ON (Orange)
Hot/Neutral Reverse	ON (Red)	ON (Orange)	OFF
Correct	OFF	ON (Orange)	OFF

Note: The specific color of the "ON" lights may vary slightly but the pattern indicates the condition.

6. Maintenance

- Keep the tester clean and free from dirt, dust, and moisture.
- Store the tester in a dry environment when not in use.
- Do not attempt to open or repair the tester. Refer to warranty information for service.

7. Troubleshooting

- **No Lights Illuminate:**
  - Check if the outlet has power (e.g., by plugging in a known working device).
  - If there is power, the tester may indicate an "Open Hot" condition.
  - Ensure the tester is fully inserted into the outlet.
- **Incorrect Indication:**
  - Double-check the light pattern against the wiring legend.
  - If a wiring error is consistently indicated, the outlet requires professional inspection and repair.
- **GFCI Does Not Trip:**
  - Ensure the GFCI outlet is receiving power.
  - Press the GFCI test button firmly.
  - If the GFCI does not trip, it is faulty and must be replaced.

8. Specifications

- **Model:** GFI6302
- **Operational Voltage Range:** 120V AC
- **Frequency:** 60Hz
- **Certifications:** UL/CAS/Intertek, CAT III 300V
- **Durability:** 10 ft Drop and 250 lb Crush rated
- **Material:** ABS, Rubber Molded Grip
- **Item Weight:** 1.6 ounces
- **Dimensions (L x W x H):** 6.75 x 3.75 x 1 inches

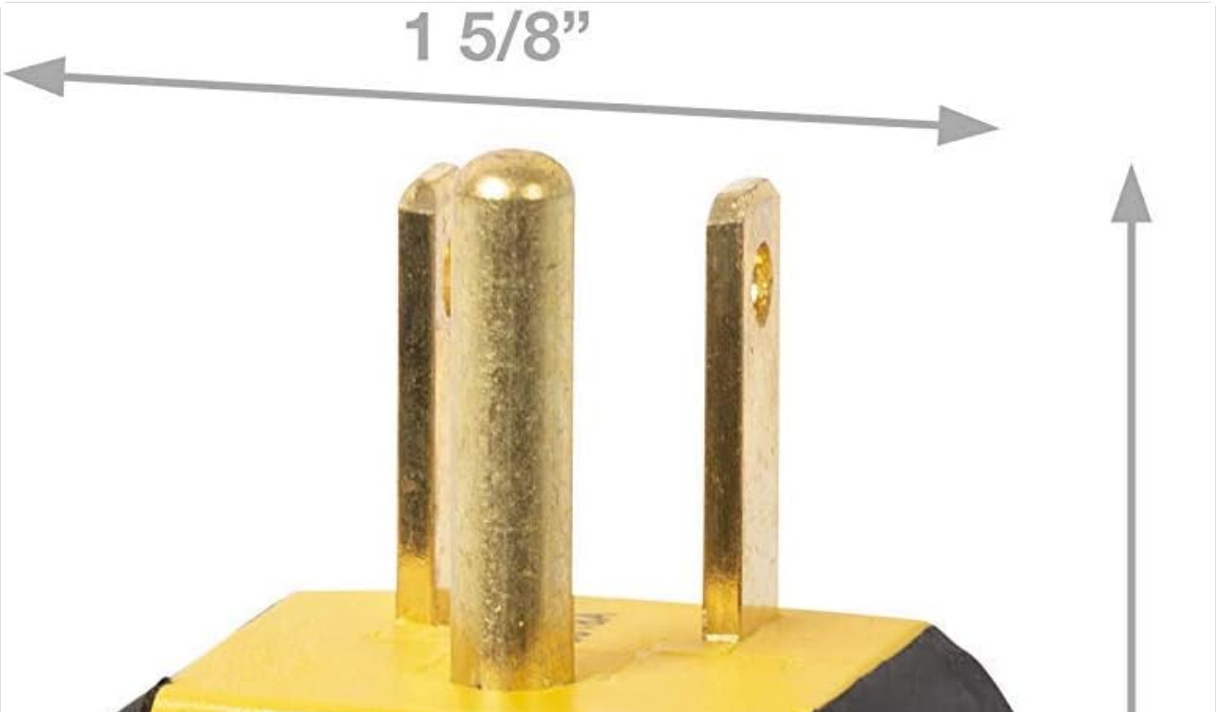

Image: Sperry GFI6302 GFCI Outlet Tester showing its compact size and dimensions.

9. Official Product Video

Watch this video for an overview of Sperry and GB Outlet Testers, demonstrating their functionality and ease of use.

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Video: An official overview of Sperry and GB Outlet Testers, including the GFI6302, demonstrating how they are used to check wiring conditions and GFCI functionality in various outlets.

10. Warranty and Support

The Sperry Instruments GFI6302 GFCI Outlet Tester comes with a**Limited Lifetime Warranty**. For warranty claims or technical support, please refer to the contact information provided with your product

packaging or visit the official Sperry Instruments website.