

Introduction

Thank you for purchasing your REED R5210 Receptacle Tester. Please read the following instructions carefully before using your instrument. By following the steps outlined in this manual your meter will provide years of reliable service.

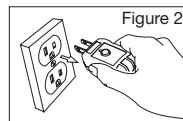
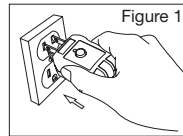
Product Quality

This product has been manufactured in an ISO 9001 facility and has been calibrated during the manufacturing process to meet stated product specifications.

Operating Instructions

Testing Standard Receptacle

1. Always test on a known good circuit before use.
2. Hold and insert the receptacle tester into the socket as shown in Figure 1.
3. LED indicators will light up confirming whether the receptacle is wired correctly or a fault exists. Reference the table below or the status indicator chart on the tester to confirm receptacle wiring status. If the tester is being inserted upside down, the order of LED indicator lights will be reversed.



Indicator	Fault	Reason for wiring fault
☐ ☒ ☐	OPEN GROUND	Ground contact not connected
☐ ☐ ☒	OPEN NEUTRAL	Neutral contact not connected
☐ ☐ ☐	OPEN HOT	Hot contact not connected
☒ ☐ ☒	HOT/GND REVERSE	Hot and ground contacts interchanged
☒ ☒ ☐	HOT/NEU REVERSE	Hot and neutral contacts interchanged
☐ ☒ ☒	CORRECT	Receptacle is wired correctly

Key: ☒ Indicator Lit ☐ Indicator Not Lit

Testing GFCI Receptacle

1. Before using the receptacle tester, press the Test button on the installed GFCI receptacle and the GFCI should trip. If it does not, do not use the circuit and contact a qualified electrician. If it does trip, press the Reset button on the GFCI receptacle.
2. Plug the receptacle tester into the socket and verify that the circuit is connected correctly according to the LED indicators.
3. Press and hold the button on the receptacle tester for at least 6 seconds to test the GFCI. The indicator lights will turn off when the GFCI trips.
4. If the circuit does not trip, either the GFCI is operable but the wiring is incorrect, or the wiring is correct and the GFCI is inoperable. Consult a qualified electrician to verify the condition of the wiring and GFCI.
5. When testing a GFCI installed in a 2-wire (non-grounded) system, the tester may indicate a faulty GFCI. If this occurs, press the Test and Reset buttons on the GFCI to determine proper operation.

Product Care

Store your product in a clean, dry place to keep your instrument in good working order.

Product Disposal and Recycling



Please follow local laws and regulations when disposing or recycling your instrument. Your product contains electronic components and must be disposed of separately from standard waste products.

Safety

- Never attempt to repair or modify your instrument. Dismantling your product, other than for the purpose of replacing batteries, may cause damage that will not be covered under the manufacturer's warranty. Servicing should only be provided by an authorized service center.
- Use extreme caution when testing live electrical circuits due to risk of injury from electric shock.
- For use on 110V to 125VAC sockets only.
- All appliances or equipment on the circuit being tested should be unplugged to help avoid erroneous readings.
- Refer all indicated problems to a qualified electrician.
- Will not indicate quality of ground.
- Will not detect 2 hot wires in a circuit.
- Will not indicate reversal of grounded and grounding conductors.

Features

- Compact design
- Detects most common 3-wire receptacle issues
- LED indicators identify 5 wiring faults
- Status indicator chart
- GFCI trip test

Specifications

Voltage Range:	110 to 125V AC
Frequency Range:	50 to 60Hz
Current Max:	15A
Receptacle Compatibility:	3-wire with GFCI
Product Certifications:	CE, UL
Operating Temperature:	32 to 122°F (0 to 50°C)
Operating Humidity:	0 to 85%
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Dimensions:	3 x 2 x 1" (75 x 51 x 25mm)
Weight:	1oz (23g)

Product Warranty

REED Instruments guarantees this instrument to be free of defects in material or workmanship for a period of one (1) year from date of shipment. During the warranty period, REED Instruments will repair or replace, at no charge, products or parts of a product that proves to be defective because of improper material or workmanship, under normal use and maintenance. REED Instruments total liability is limited to repair or replacement of the product. REED Instruments shall not be liable for damages to goods, property, or persons due to improper use or through attempts to utilize the instrument under conditions which exceed the designed capabilities. In order to begin the warranty service process, please contact us by phone at 1-877-849-2127 or by email at info@reedinstruments.com to discuss the claim and determine the appropriate steps to process the warranty.

Product Support

If you have any questions on your product, please contact your authorized REED distributor or REED Instruments Customer Service by phone at 1-877-849-2127 or by email at info@reedinstruments.com.

Please visit www.REEDINSTRUMENTS.com for the most up-to-date manuals, datasheets, product guides and software.

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