R5500

REED INSTRUMENTS

Circuit Breaker Finder/ Receptacle Tester



WARRANTY 1 YEAR WARRANTY

Instruction Manual

REED Instruments

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Introduction

Thank you for purchasing your REED R5500 Circuit Breaker Finder/ 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.

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.

Warning

	When this symbol appears, refer to the Operating Instructions to avoid misuse. This could lead to injury or damage of the instrument.
	This symbol indicates that this instrument offers double insulation protection.

Features

- Simply plug the transmitter into a receptacle and scan breaker box to identify the circuit
- Detects 5 3-wire receptacle wiring faults
- Built-in GFCI receptacle check function
- Adjustable sensitivity wheel quickly identifies breaker
- Audible (buzzer) and visual (LED) indicators assist in identification

Included

- Transmitter
- Battery

Specifications

Voltage Range:	90 to 120V AC
Bandwidth:	47 to 63Hz
Power Supply:	1 x 9V
Product Certifications:	ETL
Operating Temperature:	32 to 104°F (0 to 40°C)
Operating Humidity:	0 to 85%
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Dimensions:	4.1 x 2.2 x 1.2" (103 x 56 x 30mm)
Weight:	3.9oz (110g)

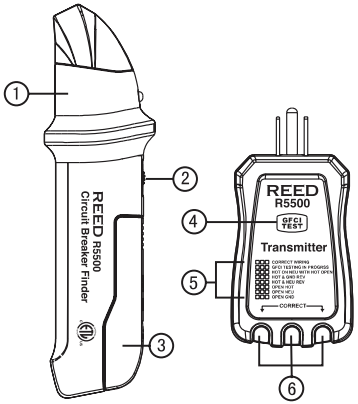
Instrument Description

Circuit Breaker Finder

1. LED Indicator Light
2. Sensitivity Adjustment Wheel
3. Battery Compartment

Transmitter

4. GFCI Test Button
5. Indicator Lights Reference Guide
6. LED Status Indicator



Operating Instructions



Always test on a known good circuit prior to using the meter.
Refer all indicated problems to a qualified electrician.

Note: All appliances or equipment on the circuit under test should be unplugged in order to avoid erroneous readings.

This instrument will not:

- Indicate quality of ground.
- Detect 2 hot wires in circuit.
- Detect a combination of defects.
- Indicate reversal of grounded and grounding conductors.

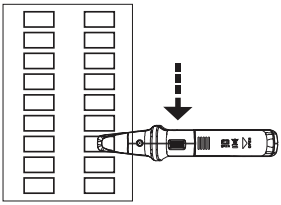
Circuit Breaker/Fuse Finder

The transmitter sends a signal through the circuit which is detected by the receiver. The receiver will beep when the transmitted signal is detected. The sensitivity adjustment allows for tracing and pinpointing of the exact circuit breaker or fuse.

1. Plug the transmitter into a receptacle.
2. Turn the receiver on by rotating the sensitivity adjustment wheel from the OFF position to the Hi position. The red LED will turn on. If the LED does not turn on, check the battery.
3. Test the receiver by placing it close to the transmitter. The receiver should beep and the LED should flash confirming it is working.

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4. At the breaker box, while set at the highest sensitivity, orient the receiver as per the diagram to scan the surface of the circuit breaker panel. Move the receiver from top to bottom on each side of the breaker panel.



NOTE: Failure to orient the receiver as depicted may result in faulty readings.

5. While moving the receiver, gradually reduce the sensitivity to pinpoint the exact breaker/fuse associated to the circuit under test.

Receptacle Wiring Test

1. Plug the transmitter into the receptacle.
2. Determine the status of the circuit connection according to the 3 LEDs. The diagram below indicates all of the possible combinations that could appear for the circuit under test (GFCI button side of the transmitter) If observed from the other side due to the ground hole plug being on top, the order of LED indicator lights will be reversed.

Wiring Diagram

CORRECT WIRING	● ○ ●
GFCI TESTING IN PROGRESS	● ● ●
HOT ON NEU WITH HOT OPEN	○ ● ○
HOT & GND REV	○ ● ●
HOT & NEW REV	● ● ○
OPEN HOT	○ ○ ○
OPEN NEU	○ ○ ●
OPEN GND	● ○ ○

○ OFF ● ON

continued…

GFCI Socket Tester

1. Prior to using the transmitter, press the **TEST** button on the installed GFCI receptacle. This will cause the GFCI to trip. If it trips, press the RESET button on the receptacle. If it does not trip, do not use the circuit and call a qualified electrician.
2. Plug the transmitter into the socket, check that the circuit is connected correctly according to the LED indicators.
3. Press the GFCI button for at least 8 seconds, the indicator lights will turn off when the GFCI trips.
4. If the circuit does not trip, it could indicate that either the GFCI is operable but the wiring is incorrect, or that the wiring is correct and but GFCI is inoperable.



When testing GFCIs installed in 2-wire systems (no ground wire), the tester may give a false indication that the GFCI is not functioning properly. If this occurs, recheck the GFCI receptacle by using the test and reset buttons. This test will indicate proper operation.

Battery Replacement

1. The battery needs to be replaced when the indicator light is not bright or if the red light is not on.
2. Slide the battery cover according to the arrow to open the battery compartment and remove the battery.
3. Install a new 9V battery.
4. Replace the battery cover.

Accessories and Replacement Parts

CA-05A Carrying Case

Don't see your part listed here? For a complete list of all accessories and replacement parts visit your product page on www.reedinstruments.com.

Product Care

To keep your instrument in good working order we recommend the following:

- Store your product in a clean, dry place.
- Change the battery as needed.
- If your instrument isn't being used for a period of one month or longer please remove the battery.
- Clean your product and accessories with biodegradable cleaner. Do not spray the cleaner directly on the instrument. Use on external parts only.

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 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.

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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TEST & MEASURE WITH CONFIDENCE



CHECK OUT OUR LATEST PRODUCTS!

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