

R5400

REED

INSTRUMENTS

Line Splitter



Instruction Manual

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Introduction

Thank you for purchasing your REED R5400 Line Splitter. 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 ISO9001 facility and has been calibrated during the manufacturing process to meet the stated product specifications. If a certificate of calibration is required please contact the nearest authorized REED distributor or authorized Service Center. Please note an additional fee for this service will apply.

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.

Features

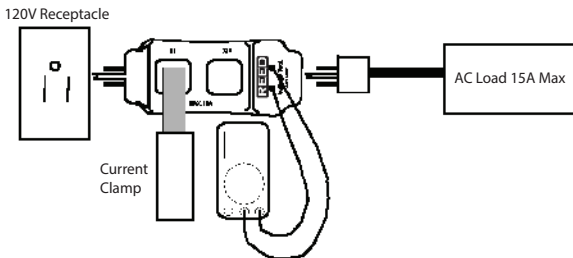
- Enables user to measure AC current on a 2-wire or 3-wire power cord to 15A
- Fits clamp jaw size 0.75" (19mm) and above
- Plugging the power connector into the line splitter separates the hot/live conductor from the neutral (and ground)
- Two measurement sensitivity positions (1X and 10X)
- Voltage check function
- Cat. II 600V safety rating

Specifications

Voltage:	120V
Frequency Range:	50 to 60Hz
Current Max:	15A
Wire Compatibility:	2-wire or 3-wire
Overvoltage Category:	CAT. II 600V
Product Certifications:	CE
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:	5.3 x 2 x 1" (133 x 51 x 25mm)
Weight:	5.8oz (165g)

Operating Instructions

The line splitter provides a means to cleanly "open" a standard 120V AC line cord in order to take clamp type current measurements. When connected between the 120V AC wall outlet and the measuring unit, a clamp meter can then be clamped around one of the two test openings in the splitter. One opening provides a one-to-one current reading and the other provides a times-ten (X10) reading so that smaller currents will display with better resolution on a clamp meter.



Current Measurements

1. Plug the AC line splitter into the 120V receptacle.
2. Plug the line cord from the load into the AC line splitter socket.
3. Close the clamp-on jaws around either the X1 or X10 arm of the AC line splitter.
4. If the X1 position is used, read the current directly on the meter.
5. If the X10 position is used, divide the meter reading by 10 to obtain the actual current.

Voltage Measurements

1. Plug the AC line splitter into the 120V receptacle.
2. Insert the multimeter test leads into the two voltage test jacks.
3. Read the voltage on the multimeter.

NOTE: The line cord is made to fit in a North American standard sized socket.

Accessories and Replacement Parts

CA-05A Soft 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 email at 1-877-849-2127 or 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.

Product specifications subject to change without notice.

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