

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

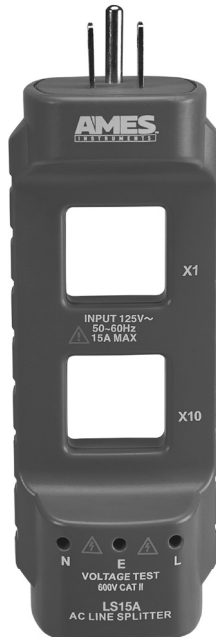
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AMESTM

I N S T R U M E N T S

57716

PROFESSIONAL AC LINE SPLITTER



Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING


**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.**

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WARNING SYMBOLS AND DEFINITIONS

	<p>This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.</p>
<p>⚠ DANGER</p>	<p>Indicates a hazardous situation which, if not avoided, will result in death or serious injury.</p>
<p>⚠ WARNING</p>	<p>Indicates a hazardous situation which, if not avoided, could result in death or serious injury.</p>
<p>⚠ CAUTION</p>	<p>Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.</p>
<p>NOTICE CAUTION</p>	<p>Addresses practices not related to personal injury.</p>

IMPORTANT SAFETY INFORMATION

Safety Warnings and Precautions

⚠️ WARNING

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

1. Do not use the AC Line Splitter if there is damage to the unit or installation or near any explosive gasses or fumes.
2. Use caution when working near voltages above 30 VAC rms, 42 VAC peak, or 60 VDC. Voltages this high present a risk of electric shock.
3. **Turn off device's power before removing the test leads from the voltage test jacks.**
4. Observe work area conditions. Do not test voltages in damp or wet locations. Don't expose to rain. Keep work area clean and well lit.
5. Keep children away. Children must never be allowed in the work area.
6. Stay alert. Watch what you are doing, use common sense. Do not operate any ac line splitter when you are tired.
7. Do not operate AC Line Splitter if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the AC Line Splitter.
8. **To avoid electrical shock, do not test voltage on circuits higher than 125 VAC.**
9. **To avoid electrical shock, do not test current on circuits higher than 15 amps.**
10. Wear ANSI-approved safety goggles during use.
11. Only use accessories intended for use with this AC Line Splitter.
12. Avoid damaging AC Line Splitter. Use only as specified in this manual.
13. Do not disassemble AC Line Splitter; take it to a qualified technician when service or repair is required.
14. The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



SAVE THESE INSTRUCTIONS.

Specifications

Maximum Test Input	125 VAC / 50-60Hz / 15A
Safety Rating	CAT II 600V
Measurement Sensitivity	x1 and x10

SAFETY

SETUP

OPERATION

MAINTENANCE

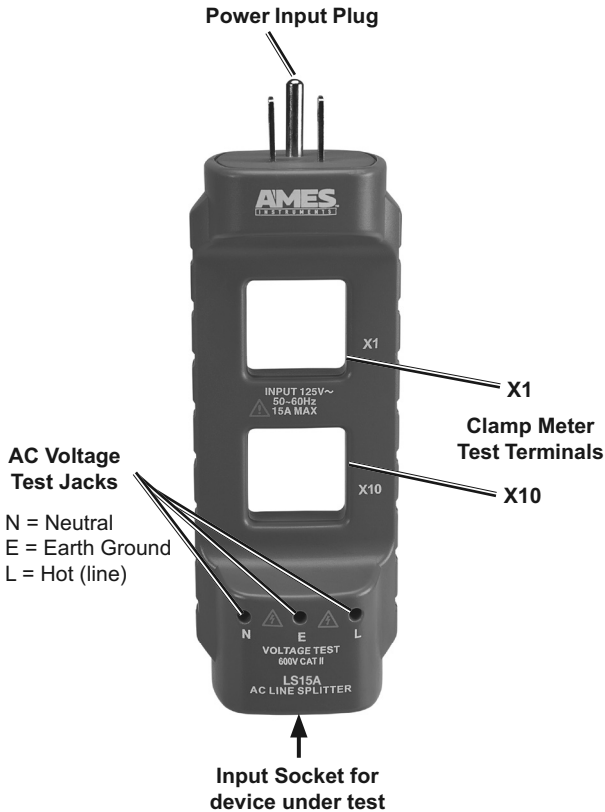


Setup - Before Use:



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Functions



Operating Instructions

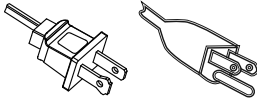


Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Electrical shock can cause death or injury! NEVER TOUCH exposed conductors of electricity.

General Operating Instructions

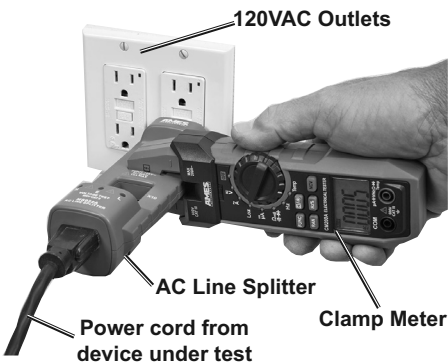
1. Connect the Power Input Plug into a grounded 120VAC outlet.
2. Devices with standard AC plugs can be tested:



Standard AC Plugs

3. To test the working **current** of the connected device:
 - a. Turn the device's power switch to OFF and connect it to the Input Socket of the AC Line Splitter.
 - b. Set Clamp Meter (sold separately) to read AMPS and clamp it around the X1 (normal current load) or X10 (ten times the normal current load) test terminal.

Note: When using x10 position, divide reading on Clamp Meter by 10 to obtain correct reading.



- c. Power on the device and read the result on the Clamp Meter.
 - d. When finished, turn the device's power switch OFF and then remove the Clamp Meter.
 - e. Unplug the device and then unplug the AC Line Splitter.
4. To test the **voltage** of the connected device:
 - a. Set multimeter (sold separately) to read AC VOLTS, and then plug its test leads into the AC Voltage Test Jacks on the AC Line Splitter.
 - b. Turn the device's power switch to OFF and connect it to the Input Socket of the AC Line Splitter.
 - c. Power on the device and read the result on the multimeter.
 - d. When finished turn the device's power switch OFF and remove it from the AC Line Splitter.
 - e. Unplug the AC Line Splitter and then remove the multimeter's test leads.
 5. When finished, unplug the AC Line Splitter and store indoors out of children's reach.

Note: To calculate **power** (wattage) of the connected device, multiply voltage by current.

$$\text{Power} = \text{voltage} \times \text{current}$$

Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

Cleaning, Maintenance, and Lubrication

1. Wipe unit with a dry, lint-free cloth. Do not use solvents or abrasives.
2. Store AC Line Splitter in a dry location.
3. There are no replaceable parts on this AC Line Splitter. **Repairs should be done by a qualified technician.**

SAFETY

SETUP

OPERATION

MAINTENANCE

Record Serial Number Here:

Note: If product has no serial number, record month and year of purchase instead.

Note: Replacement Parts are not available for this item. Refer to UPC 193175421494 for this item.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

