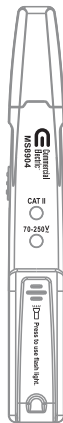




Item # 1001 418 358
Model # MS8904

USE AND CARE GUIDE

VOLTAGE TESTER



Questions, problems, missing parts? Before returning to the store, call Home Depot Customer Service
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1-877-527-0313
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THANK YOU

We appreciate the trust and confidence you have placed in Commercial Electric through the purchase of this voltage tester. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Commercial Electric!

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Safety Information

Symbol	Definition
	Indicates important safety information.
	Equipment protected throughout by double insulation or reinforced insulation.
	Conforms to UL STD. 61010-1, 61010-2-030 and 61010-031
CAT II	(MEASUREMENT CATEGORY II) is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation.

PRECAUTIONS

CAUTION: Read, understand, and follow the safety rules and operating instructions of this manual before you use the product. Protection provided by the instrument will be impaired if used in a manner not specified by the manufacturer. Before measuring hazardous voltages, first measure a voltage which is known to determine if the equipment operates correctly.

Warranty

WARRANTY: 12 months

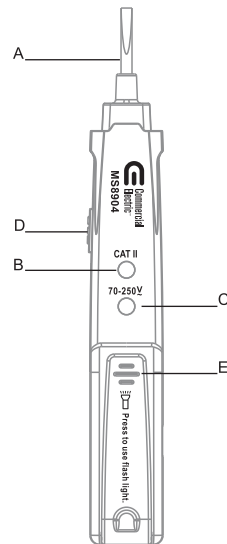
For one year from the date of purchase, this product is warranted against any defects in material or workmanship. This warranty is void if this product is ever used while providing commercial services or if rented to another person.

Contact the Customer Service Team at 1-877-527-0313 or visit www.homedepot.com.



Pre-Operation

PACKAGE CONTENTS



Part	Description	Quantity
A	Test tip	1
B	Red indicator light	1
C	Green indicator light	1
D	Selector switch	1
E	Flash light button	1

Pre-Operation (continued)

PRODUCT SPECIFICATIONS

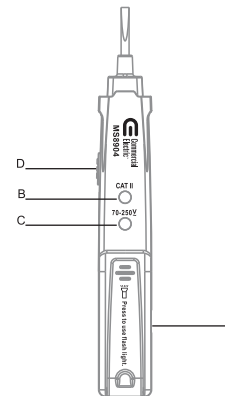
Component	Specification
Measuring voltage range	70 - 250V AC
Battery	2 x 1.5V LR44
Operating temperature	32-104°F (0-40°C)
Humidity	80% relative humidity max
Safety standards	Instrument complies with insulation category (250V CAT II), pollution degree 2
Altitude	Up to 2000 meters
Storage environment	14-122°F (-10-50°C)

Operation

1 Performing a Self-Test

Prior to use, perform a self-test in order to ensure the detector works correctly.

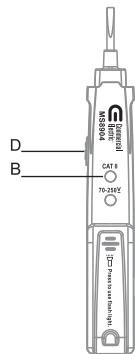
- Set the selector switch (D) to the 0 position. Use one hand to hold the tip (A) and the other hand to touch the metal (1). If the red indicator light (B) illuminates, it indicates that the detector works properly.
- Alternatively, set the selector switch (D) to the L/H position. Use one hand to hold the tip (A) and the other hand to touch the metal (1). If both green indicator lights (C) illuminate and the buzzer beeps, it also indicates that the detector works properly.
- Set the selector switch (D) back to the 0 position when not in use.



Operation (continued)

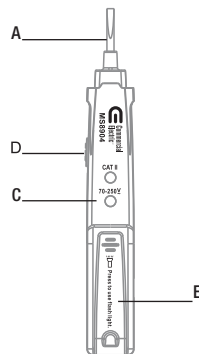
2 Testing AC Voltage Using the Contact Method

- Set the selector switch (D) to the 0 position for extra low sensitivity when making direct contact with the Live/Hot part of the AC voltage.
- The red indicator light (B) illuminates indicating the presence of AC voltage. Whenever neutral or earth (ground) is disconnected, the red indicator light (B) will also illuminate indicating a fault line in the system.



3 Testing AC Voltage using the Non-Contact Method (Low Sensitivity)

- Set the selector switch (D) to the L position.
- To locate live/hot side of a wire, gently trace the tip (A) of the tester onto the wire.
- The live/hot side is indicated by both the green indicator light (C) and sound. A fault point in the live/hot wire is indicated by an interruption in sound. If sensitivity is too high, hold/grip the wire and trace inwards for accurate results.
- When testing in the dark, press the flash light button (E) to light the test environment, which is more safe for the user.



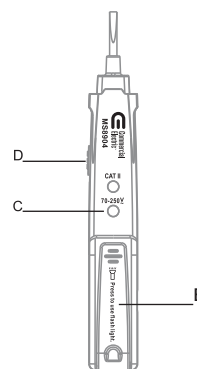
Operation (continued)

4 Testing AC Voltage using the Non-Contact Method (High Sensitivity)

- Set the selector switch (D) to the H position.
- Place the tester close to the area or object you are testing. If any AC voltage is detected, the green indicator light (C) will illuminate.
- When testing in the dark, press the flash light button (E) to light the test environment, which is more safe for the user.

Additional Information:

- For higher sensitivity, touch the metal plate when using.
- To reduce the sensitivity, place your other hand onto the object you are testing. The sensitivity may be reduced under a high humidity environment.



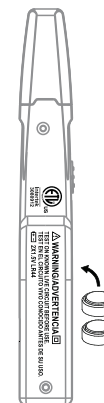
Maintenance

BATTERY REPLACEMENT

CAUTION: To avoid electric shock, remove the test tip before you remove the battery cover.

WARNING: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.

- Ensure the tester is not used.
- Use a screwdriver to unscrew and remove the battery cover located on the back of the tester.
- Remove the used batteries
- Replace with two 1.5V LR44 button batteries.
- Reattach the battery cover and secure with the screws.



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Retain this manual for future use.