

Owner's Manual



Voltage Detector Model No. 82174

CAUTION: Read, understand and follow Safety Rules and Operating Instructions in this manual before using this product.

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www.craftsman.com 100109

FIVE YEAR FULL WARRANTY

FIVE YEAR FULL WARRANTY ON CRAFTSMAN Voltage Detector. If this CRAFTSMAN Voltage Detector fails to give complete satisfaction within five years from the date of purchase, RETURN IT TO THE NEAREST SEARS STORE OR OTHER CRAFTSMAN OUTLET IN THE UNITED STATES, and Sears will replace it, free of charge.

If this CRAFTSMAN Voltage Detector is used for commercial or rental purposes, this warranty applies for 90 days from the date of purchase.

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

Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179

For Customer Assistance Call 9am-5 PM (EST), Monday through Friday 1-888-326-1006

WARNING: USE EXTREME CAUTION IN THE USE OF THIS DEVICE. Improper use of this device can result in injury or death. Follow all safeguards suggested in this manual in addition to the normal safety precautions used in working with electrical circuits. DO NOT service this device if you are not qualified to do so.

SAFETY SYMBOLS



This symbol adjacent to another symbol, terminal or operating device indicates that the operator must refer to an explanation in the Operating Instructions to avoid personal injury or damage to the Voltage Detector.

WARNING

This **WARNING** symbol indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury.

CAUTION

This **CAUTION** symbol indicates a potentially hazardous situation, which if not avoided, may result in damage to the Voltage Detector.



This symbol indicates that a device is protected throughout by double insulation or reinforced insulation.

UL LISTED

The UL mark does not indicate that this product has been evaluated for the accuracy of its readings.

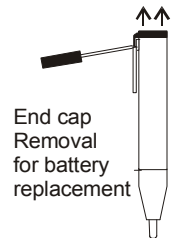
SPECIFICATIONS

Voltage Sensitivity	100 to 240V AC
Frequency	50/60Hz
Detection distance	<0.2"
Over voltage	Category III 600V
Operating Temperature	32 to 122°F (0 to 50°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Humidity	Max 80% up to 87°F (31°C) decreasing linearly to 50% at 104°F (40°C)
Altitude	<2000 meters (6561 feet)
Battery	2 AAA batteries
Dimensions/Weight	6x0.75x1 inches / 2oz
Safety	For indoor use and in accordance with Overvoltage Category III, Pollution Degree 2.

BATTERY INSTALLATION

1. Open the battery door (end cap) by gently prying up/out at the pocket clip using a small screwdriver.
2. Insert two AAA batteries (observe polarity).
3. Replace the battery door.

NOTE: If your meter does not work properly, check the battery to make sure that it still good and that it is properly inserted.



WARNING: To avoid electric shock, do not operate the meter until the battery cover is in place and fastened securely.

OPERATING INSTRUCTIONS

WARNING: Risk of Electrocution. High-voltage circuits, both AC and DC, are very dangerous and should be measured with great care.

AC VOLTAGE DETECTION

WARNING: Risk of Electrocution. Before using to check for voltage in an outlet, always test the Voltage Detector on a known live circuit to verify that the Voltage Detector is working properly.

WARNING: Risk of Electrocution. Keep hands and fingers on the body of the probe and away from the probe tip.

To check for the presence of AC electrical voltage in an outlet:

1. Touch the probe tip to a cord plugged into the outlet, or insert the probe tip into all the outlet holes.
2. If AC electrical voltage is present, the detector light will flash and the audible warning will sound.

NOTE: Random beeps and flashes due to detection of static charges are normal. Detection of "live" conductors will produce a steady flash and beep.