


59112 AC Voltage Detector

Owner's Manual

CAUTION: Read, understand and follow Safety Rules and Operating Instructions of the manual before using.

WARNING: BE EXTREMELY CAREFUL 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

 Important safety information, refer to the operating manual.

 Earth ground

SPECIFICATIONS

Voltage Sensitivity	100 to 240V AC
Frequency	50/60Hz
Detection distance	<5mm
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	<85%RH
Altitude	<2000 meters (6561 feet)
Battery	2 AAA batteries
Dimensions	148×20×25mm
Weight	APPROX. 40g
Safety	For indoor use

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 if it is 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.

WARNING: The measurement must be done only with the cap on the probe tip.

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 AC electrical voltage in an outlet:

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