



# 50: AC Safety Volt Check 50

## APPLICATIONS

Check for presence or absence of AC voltage in:

- Wires
- Wall Receptacles
- Fuses
- Junction Boxes
- Switches
- Defective Grounds
- Any other Voltage Carrying Electrical System

## Non-Contact Detection of 50-1,000 VAC Sound & Visual Alert!!

The AC Volt 50 is a hand held device for determining the presence or absence of AC voltage in insulated wires, wall receptacles, fuses, junction boxes, switches, and any other voltage carrying electrical system. It is not necessary to disconnect the system in question because no contact is required for operation and current flow is not necessary to locate voltage. Simply touch the plastic tip to a connection point or move it along an insulated wire. If AC voltage is present, The AC Volt 50 will sound an audio alert and an LED light in the probe tip will glow bright red. The illumination will stop at a break in the circuit or wire, and this allows the AC sensor to be used as a troubleshooting instrument.



shown actual size



## FEATURES

- **Prevent electrical shocks**
- **Non-contact detection of 50 to 1,000 VAC**
- **Troubleshoot electrical circuits**
- **No switch required. Always ready for use** Competing products require an ON/OFF switch.
- **Sound & Visual Alert**  
Sound and bright red glow indicates voltage. Buzzer will not react to static electricity, only AC voltage.
- **Uses 2 AAA batteries**  
Common and inexpensive. Competing products require more expensive camera batteries
- **Lifetime Warranty**

## APPLICATIONS



AC Voltage in switches



AC Voltage in wall receptacles



AC Voltage in junction boxes

...and many additional applications where voltage needs to be detected

The Value Leader™



# Additional Safety Volt Testers

TPI offers a complete line of...

CO, Combustibles & Combustion (CEA)

Refrigerant Leak Detectors

Digital Manometers

Temperature Contact & IR Instruments

IAQ: Air Flow & Humidity

Handheld Oscilloscopes

Digital Multimeters & Clamp-on Meters

Accessories & Kits

### Test Products International, Inc.

Headquarters:  
9615 SW Allen Blvd.  
Beaverton, OR 97005  
USA  
503-520-9197  
Fax: 503-520-1225  
e-mail:  
info@tpi-thevalueleader.com

### Test Products International, Ltd.

342 Bronte St. South  
Unit #9  
Milton, Ontario L9T  
5B7  
Canada  
905-693-8558  
Fax: 905-693-0888  
e-mail:  
info@tpicanada.com

### Test Products International UK Ltd.

Longley House,  
East Park  
Crawley, West Sussex  
RH10 6AP England  
Tel:  
+44 (0)1293 561212  
Fax:  
+44 (0)1293813465  
contactus@tpieurope.com

## AC Safety Volt Check 45



### Non-Contact Detection of 50-1,000 VAC w/ Visual Alert

The TPI 45 is essential to anyone determining the presence or absence of electrical voltage between 50-1,000 AC. The TPI 45 allows the user to detect a defective ground before an individual is exposed to injury. Simply touch the plastic tip to a connection point or move it along a wire. If AC voltage is present, the tip will glow red.

Defective grounds can cause either voltage or an electrical field to be present on a metal casing. Both of these conditions can be detected by using the TPI 45.

#### Features:

- Detects 50-1,000 Volts AC
- Bright red glow indicates voltage
- Senses voltage without metallic contact
- UL listed
- "AAA" alkaline batteries included

#### What markets should have the TPI 45?

- Electrician
- Electronics
- Emergency
- Home Owners
- Maintenance
- Manufacturing
- Safety
- Vending Companies
- Sign
- HVAC

## Low AC Locator 40



### Non-Contact Detection of 24-90 VAC w/ Visual Alert

The TPI 40 is essential to anyone determining the presence or absence of electrical voltage between 24-90 VAC. Use the TPI 40 for checking lawn irrigation equipment, thermostat controls, vending machine changers, and other low voltage equipment.

- Sensor glows red in the presence of AC voltage
- Detects 24-90 Volts AC
- Sensed voltage without metallic contact
- UL listed
- "AAA" alkaline batteries included

#### What markets should have the TPI 40?

- HVAC
- Irrigation
- Plumbing
- Vending

To learn about the entire line of TPI products visit:

[www.tpi-thevalueleader.com](http://www.tpi-thevalueleader.com)

L AC50-1005

Copyright © 2005 Test Products International, Inc.