



T475

Non-Contact Voltage & Current Detector

FEATURES:

- Pocket size
- AC Voltage - 5 to 1000V
- AC Current - >100mA
- Audible & Visual indication
- Sensitivity adjustment
- Detects current through: Armoured cables; Metal conduit; Shielded cables

TYPICAL APPLICATIONS:

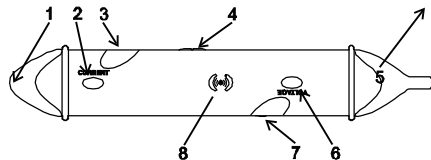
- Locate breaks in wires
- Identify live wires & polarity
- Trace current in walls
- Compare current flow in circuits

SAFETY PRECAUTIONS

1. Improper use of this meter can cause damage, shock, injury or death. Read and understand this manual before use.
2. Secure any covers before use.
3. Inspect the condition of the meter for any damage before use.
4. Remove the batteries from the meter if the meter is to be stored for long periods.

TESTER DESCRIPTION

1. Current Sensor & LED
2. Current Detector "ON" LED
3. Current Detector Sensitivity adjustment
4. Current/Voltage/OFF function selector switch
5. Voltage Sensor & LED
6. Voltage Detector "ON" LED
7. Voltage Detector Sensitivity adjustment
8. Audible beeper



OPERATION

WARNING: Before use, always test the Detector on a known live circuit to verify proper operation.

VOLTAGE DETECTION

1. Slide the Function switch to the Voltage position.
2. The "VOLTAGE" LED will light. If the LED is dim or does not light, replace the batteries.
3. Set the Sensitivity adjustment to the max position.
4. If the detector begins to beep/flash, slowly turn the sensitivity down until the beep/flash stops.
5. Touch the detector voltage sensor to the hot conductor or insert into the hot side of the electrical outlet.
6. If AC voltage is present, the detector light will flash and the audible beeper will sound.
7. Adjust the sensitivity as needed to zero-in and identify the live conductor.

CURRENT DETECTION

NOTE: There must be load on the circuit (current flow) for the current detection function to work.

1. Slide the Function switch to the Current position.
2. The "CURRENT" LED will light. If the LED is dim or does not light, replace the batteries.
3. Set the Sensitivity adjustment to the max position.
4. If the detector begins to beep/flash, slowly turn the sensitivity down until the beep/flash stops.
5. Move the detector current sensor near the current carrying conductor until the current tip flashes & beeper sounds.
6. Slowly reduce the sensitivity and reduce the distance between the sensor and conductor to zero-in & identify the conductor.

SPECIFICATIONS

Voltage detection	5V to 1000VAC
Current sensitivity	>100mA AC
Audible indication	Beeper (Voltage & Current)
Visible indication	Flashing LED (Voltage & Current)
Frequency range	50 to 500Hz
Operating Temperature	14 to 122~F (-10°C to 50°C)
Operating Humidity	<80% RH
Power supply	(4) LR44 batteries
Weight	60g
Dimensions	192x31x24mm

BATTERY REPLACEMENT

1. Turn power OFF.
2. Slide the pocket clip down to expose the battery compartment.
3. Replace the four LR44 batteries and replace the pocket clip.

