



INSTRUCTION MANUAL

MT400

**NON-CONTACT AC
VOLTAGE DETECTOR**



Introduction

The MT400 tests for energised circuits and defective grounds, whether it's for electricians, maintenance, service, safety personnel or the DIYers around the house. The tip of the pocket-sized tester will glow red when in close proximity of an outlet, terminal strip, or power cord where voltage is present.

Features

- Equipped with AC Detective Technology.
- Detects voltage without requiring contact with the current carrying conductor.
- May be used to find a break in a wire or detect the presence of voltage at outlets, lighting fixtures, circuit breakers, wires and cables.
- Bright **LED** if voltage is present.
- Pen size, fits in pocket or tool pouch.

Description

1. Detector Tip
2. Pocket Clip
3. Battery cover & compartment



Safety

This manual and any markings on the meter provides information for avoiding hazards and unsafe practices related to the use of this meter. Read all of the safety information provided.

Warnings

- **Read** and **understand** the manual before operating or servicing the meter.
- Failure to adhere to these warnings on how to safely operate this meter or have contact with live circuits can result in severe injury or death.
- Do not use the meter if it is wet or damaged.
- Do not apply more than the rated voltage between the probe tip and earth.
- Do not operate with the case open.
- Do not take risks. This meter is only to be used by a competent person after reading the manual.

Caution

- Do not attempt to repair this unit. It contains no user-serviceable parts.
- Do not expose the meter to extremely high temperature or humidity. See Specifications.
- Failure to observe these precautions can result in injury and can damage the meter.
- This must be proven on a known live source before and after testing. An Absence of voltage detection does not mean the circuit under test is dead.
- This meter cannot detect voltage on armored cable or on cable in conduit, behind panels, or in metallic enclosures.

Operation

1. Test the meter on known functioning circuits or components.
 - If the meter does not function as expected on a known functioning circuit, replace the batteries.
 - If the meter still does not function as expected, send the unit to repair.
2. Place the probe tip on or near the circuit or unit to be tested. LED indicates the presence of voltage (230V AC).

Battery Replacement

1. Disconnect the unit from the circuit.
2. Remove the battery compartment cover.
3. Replace the batteries (observe polarity).
4. Replace the battery compartment cover.

Specifications

FUNCTION	RANGE
Indicators	LED
Voltage Range	50 to 600V (50 to 60Hz)
Voltage Category	Category III - 600V
Batteries	2 x AAA
Dimensions (mm)	158(L) x 21(W) x 25(D)
Weight	48g



MAJOR TECH (PTY) LTD

South Africa

 www.major-tech.com

 sales@major-tech.com

Australia

 www.majortech.com.au

 info@majortech.com.au

