

MTD300 METAL / VOLTAGE DETECTOR



INSTRUCTION MANUAL

- 1) Turn using a coin
- 2) Insert the battery in the sleeve and close (battery not included).
- 3) Turn on the device by turning the wheel.
Keep turning the wheel till the indicator light comes on and alarm on.
Make certain that no metal or conductive object is near. Turn the wheel in the reverse direction until the light off and the alarms stop. The device will then be ready to use.
- 4) If the indicator light does not work, turn the wheel a half turn and slowly turn the adjustment resistor using a screwdriver until the alarm comes on or goes off according to the desired setting.
- 5) To detect metal objects, hold the device as shown and move the device horizontally against the wall. The alarm will come on when there is a metallic object nearby.
- 6) Electrically conductive objects will be indicated by a flashing light that will become continuous when the device is close to the conductor.

IMPORTANT

This device's sensitivity can be adjusted to the exact position of a metallic object or electrical conductor. To do so, set the wheel as shown in point No 3. Then, once the light goes off, turn the wheel a little to narrow the detection zone.

SAFETY

When the device indicates "no voltage" (no flashing light), check operation of the device close to a place where you know there is a voltage before touching the conductor.

CAUTION

Protected conductors will not be detected: only metal will be detected.

NOTES

- 1) Certain walls contain metallic fire-resistant fibres. This will tend to create an electrical field. You can cancel this effect by putting your hand against the wall.
- 2) Rubbing or hitting the detector against the wall can create static electricity leading to a read error.

CURRENT LOSSES

Due to the low level of voltage used to trigger lighting, some detectors can appear to be faulty. A poorly insulated conductor touching a wet wall will lead to detection of voltage on the wall.

In this case, the device will indicate a potential danger that should be checked using a voltmeter.

MAJOR TECH (PTY LTD)

Head Office:

Cnr Rover & Jaguar Roads, Rustivia Ext 3,

Elandsfontein.

P O Box 888

Isando, 1600

South Africa

Tel: +27 11 822 1551

Fax: +27 11 822 1411

E-mail: sales@major-tech.com

Website: www.major-tech.com

