

DA50 Non-Contact Current Detector

Safety

WARNING: Risk of Electrocutation. Before use, always test the Current Detector on a known current carrying circuit to verify proper operation

WARNING: Risk of Electrocutation. Keep hands and fingers on the handle of the probe and away from the probe tip

WARNING: If the equipment is used in manner not specified by manufacturer, the protection provided by the equipment may be impaired

CAUTION: Read, understand and follow Safety Rules and Operating Instructions in this manual before using this product.

Do not attempt to repair this unit. There are no user serviceable parts.

Do not expose the unit to extreme temperatures or high humidity

Do not use the unit if it is wet or damaged

Do not apply more than the rated voltage between the probe tip and ground.

Do not operate with the case open



This symbol, adjacent to another symbol or terminal, indicates the user must refer to the manual for further information.



This symbol, adjacent to a terminal, indicates that, under normal use, hazardous voltages may be present



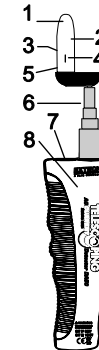
Double insulation

Specifications

Current Sensitivity	200mA AC at 0.2"
Bandwidth	50/60Hz
Operating Temperature	32 to 122°F (0 to 50°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Altitude	Operating below 2000 meters
Relative Humidity	80% up to 31°C, decreasing to 50% at 50°C
Battery	2 x 1.5V button batteries (LR44/AG13)
Dimensions/Weight	7.7x2.4x1.2"(195x62x30mm)/ 5.2oz (148g)
Safety	For indoor use and in accordance with Overvoltage Category IV 600V, Overvoltage Category III 1000V, Pollution Degree 2.

Description

1. Current sensor
2. ON and Current indicator lights
3. Sensitivity adjustment (rear)
4. ON/OFF switch
5. Battery compartment
6. Telescoping rod
7. Probe storage area
8. Handle

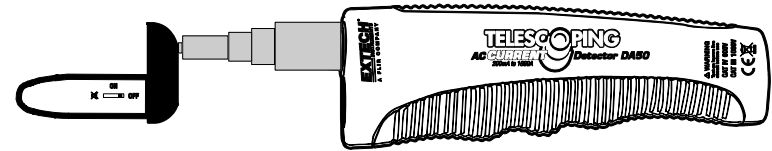


Operating Instructions

AC CURRENT DETECTION

1. Lift the probe tip from the storage area and extend the telescoping rod.
2. Twist the rod into the LOCKED position as indicated.
3. Slide the ON/OFF switch to the ON position. The green ON light will illuminate and the red detection light may flash.
4. Adjust (decrease) the sensitivity adjustment until the red flashing voltage indicator light and the beeper just stop.
5. Move the probe tip near the current carrying conductor until the tip flashes and beeper sounds.
6. Slowly adjust the sensitivity and reduce the distance between the probe and conductor to pinpoint and identify the conductor.
7. To turn off the audible beeper, slide the ON/OFF switch to the position.

NOTE: RF signals in close proximity to the detector may cause the light and beeper to latch into a constant tone and light indication. Wait until the RF signal has disappeared before proceeding with detection.



Battery Installation

1. Unscrew the probe tip..
2. Insert two 1.5V button batteries (observe polarity).

NOTE: If your meter does not work properly, check the battery to make sure that it still good and that it is properly inserted.



You, as the end user, are legally bound (Battery ordinance) to return all used batteries and accumulators; disposal in the household garbage is prohibited! You can hand over your used batteries / accumulators, gratuitously, at the collection points for our branches in your community or wherever batteries / accumulators are sold!



Disposal

Follow the valid legal stipulations in respect of the disposal of the device at the end of its lifecycle

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