

# User's Guide

## AC CURRENT DETECTOR

# Model DA30

**EXTECH**  
INSTRUMENTS

### Safety Precautions

1. Improper use of this meter can cause damage, shock, injury or death. Read this guide before use.
2. Secure any covers or battery doors 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.
5. For Indoor use

### International Safety Symbols



Refer to the user's guide for information.



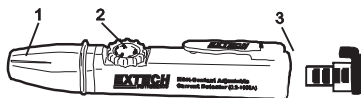
Hazardous voltages may be present

### Operation

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

**NOTE:** There must be a load on the circuit (current flow) for current detection.

1. Turn the On/Off-Sensitivity switch (2) clockwise to turn the unit on.
2. Set the Sensitivity adjustment (2) to the high (counterclockwise) position
3. If the detector begins to beep/flash (1), slowly reduce the sensitivity (clockwise) until the beep stops.
4. Move the detector current sensor (1) near the current carrying conductor until the tip flashes and beeper sounds.
5. Slowly adjust the sensitivity (2) and reduce the distance between the sensor and conductor to pinpoint and identify the conductor.



### Battery Replacement

1. Turn power OFF and release the end cap latch from the pocket clip and slide out the battery compartment (3).
2. Replace the four LR44 batteries and replace the battery compartment.

### Specifications

Current sensitivity	200mA (0.2A) AC at 0.2"
Audible/Visible indication	Beeper/ Flashing LED
Frequency range	50 to 500Hz
Operating Temperature/Humidity	14 to 122°F (-10°C to 50°C): < 80% RH
Power supply	(4) LR44 batteries or equivalent
Weight/ Dimensions	1.6 oz. (45g)/5.7 x 1.1 x 1" (145x28x25mm)
IEC 1010	Category III 600V

### Warranty

EXTECH INSTRUMENTS CORPORATION warrants this instrument to be free of defects in parts and workmanship for one year from date of shipment (a six month limited warranty applies on sensors and cables). If it should become necessary to return the instrument for service during or beyond the warranty period, contact the Customer Service Department at (781) 890-7440 ext. 210 for authorization or visit our website at [www.extech.com](http://www.extech.com) (click on 'Contact Extech' and go to 'Service Department' to request an RA number). A Return Authorization (RA) number must be issued before any product is returned to Extech. The sender is responsible for shipping charges, freight, insurance and proper packaging to prevent damage in transit. This warranty does not apply to defects resulting from action of the user such as misuse, improper wiring, operation outside of specification, improper maintenance or repair, or unauthorized modification. Extech specifically disclaims any implied warranties or merchantability or fitness for a specific purpose and will not be liable for any direct, indirect, incidental or consequential damages. Extech's total liability is limited to repair or replacement of the product. The warranty set forth above is inclusive and no other warranty, whether written or oral, is expressed or implied.