



# EXTECH DV30 AC Voltage Detector User Manual

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# EXTECH®

## EXTECH DV30 AC Voltage Detector



## 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

- Refer to the user's guide for information
- Hazardous voltages may be present
- Double insulation

## 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.

Never dispose of used batteries or rechargeable batteries in household waste. As consumers, users are legally required to take used batteries to appropriate collection sites, the retail store where the batteries were purchased, or wherever batteries are sold.

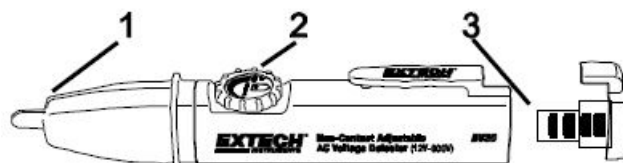
**Disposal:** Do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment.

## Operation

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

**NOTE on RF Interference:** RF signals in close proximity to the detector may cause the voltage light and beeper to latch into a constant tone and light indication. Wait until the RF signal has disappeared before proceeding with voltage 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 voltage sensor (1) near the 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.

## Specifications

|                                |                                       |
|--------------------------------|---------------------------------------|
| Voltage Sensitivity            | 12V to 600VAC (50 to 500Hz)           |
| Operating Temperature/Humidity | -10°C to 50°C (14 to 122°F)           |
| Storage Temperature            | -20 to 60oC (-4 to 140oF)             |
| Relative Humidity              | <80%                                  |
| Operating Altitude             | 7000 ft. (2000 meters) maximum.       |
| Safety                         | This meter is intended for indoor use |
| Battery                        | 4 LR44 batteries                      |
| Dimensions/Weight              | 155x28x25mm (6.3×0.75×1”) / 42g (2oz) |
| IEC 1010                       | Category III 600V                     |

## Two-year Warranty

Teledyne FLIR LLC warrants this Extech brand instrument to be free of defects in parts and workmanship for two years from the date of shipment (a six-month limited warranty applies to sensors and cables). To view the full warranty text please visit: <http://www.extech.com/support/warranties>.

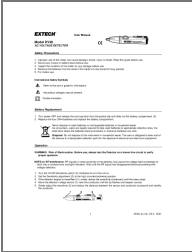
## Calibration and Repair Services

Teledyne FLIR LLC offers calibration and repair services for the Extech brand products we sell. We offer NIST traceable calibration for most of our products. Contact us for information on calibration and repair availability, refer to the contact information below. Annual calibrations should be performed to verify meter performance and accuracy. Product specifications are subject to change without notice. Please visit our website for the most up-to-date product information: [www.extech.com](http://www.extech.com).

## Contact Customer Support

- Customer Support Telephone List: <https://support.flir.com/contact>
- Calibration, Repair, and Returns: [repair@extech.com](mailto:repair@extech.com)
- Technical Support: <https://support.flir.com>

## Documents / Resources

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|--|---|
|  | <p><a href="#">EXTECH DV30 AC Voltage Detector</a> [pdf] User Manual</p> <p>DV30, AC Voltage Detector</p> |
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