



## USER MANUAL

### Model DV25 Dual Range AC Voltage Detector + Flashlight

#### Safety

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

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

**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

<b>Voltage Sensitivity</b>	100V to 1000V AC, 50/60Hz 24V to 1000V AC, 50/60Hz
<b>Detection distance</b>	<0.2"
<b>Operating Temperature</b>	0 to 50°C (32 to 122°F)
<b>Storage Temperature</b>	-20 to 60°C (-4 to 140°F)
<b>Altitude</b>	Operate below 2000 meters
<b>Relative Humidity</b>	80% up to 31°C, decreasing to 50% at 50°C
<b>Battery</b>	2 AAA batteries
<b>Dimensions/Weight</b>	159x25mm (6.25x1") / 42g (1.5oz)

**Safety** For indoor use and in accordance with Overvoltage Category IV-1000V, Pollution Degree 2.

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#### Operating Instructions

##### AC VOLTAGE DETECTION

1. For low voltage testing (24 to 100V), press and hold the 24V button (5). For standard electrical work (>100V, this is not necessary).
2. Touch the probe tip (7) to the hot conductor or insert into the hot side of the electrical outlet.
3. If AC voltage is present, the detector cone will illuminate (6) and the detector will beep.

**NOTE:** The detector is designed with high sensitivity. Static electricity or other sources of energy may randomly trip the sensor. This is normal operation.

##### FLASHLIGHT

Press and hold the flashlight ON/OFF button (2) to turn on the flashlight (1).

##### BATTERY INSTALLATION

1. Remove the end cap (3) by inserting a small screwdriver in the pocket clip (4) to release the catch.
2. Insert two AAA batteries (observe polarity).
3. Replace the end cap

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



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.

#### Two-year Warranty

**Teledyne FLIR warrants this Extech brand instrument to be free of defects in parts and workmanship for two years from 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>.**

##### 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>

