

# DV24 Non-Contact Voltage Detector and Flashlight

## Safety

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

**WARNING: Risk of Electrocution. 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 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>	50V to 1000V AC
<b>Bandwidth</b>	50/60Hz
<b>Detection distance</b>	<0.2"
<b>Operating Temperature</b>	5 to 40°C (41 to 104°F)
<b>Storage Temperature</b>	-20 to 60°C (-4 to 140°F)
<b>Altitude</b>	Operating 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)
<b>Safety</b>	For indoor use and in accordance with Overvoltage Category IV-1000V, Pollution Degree 2.
<b>UL Listed</b>	The UL mark does not indicate that this product has been evaluated for the accuracy of its readings.

## Operating Instructions

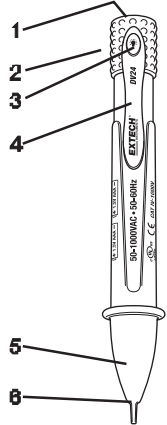
**Note: For new meters, remove the battery end cap and then remove the battery insulating strip.**

### AC VOLTAGE DETECTION

1. Touch the probe tip (6) to the hot conductor or insert into the hot side of the electrical outlet.
2. If AC voltage is present, the detector cone will illuminate (5).

**NOTE:** The conductors in electrical cord sets are often twisted. For best results, rub the probe tip along a length of the cord to assure placing the tip in close proximity to the live conductor.

**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 (3) to turn on the flashlight (1).

### BATTERY INSTALLATION

1. Remove the end cap (2) by gently lifting 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.



You, as the end user, are legally bound (**EU Battery ordinance**) to return all used batteries, **disposal in the household garbage is prohibited!** You can hand over your used batteries / accumulators at collection points 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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