



EXTECH DV26 AC Voltage Detector + Flashlight User Guide

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EXTECH[®]

EXTECH DV26 AC Voltage Detector + Flashlight



WARNINGS

- Read, understand, and follow the safety rules and operating instructions contained in this manual. Fatal or serious injury can result from improper use.
- Risk of electric shock or burns leading to fatal or serious injury can result from contact with live circuits.
- Voltages above 30VAC can present a shock hazard.
- A continuous audible tone and red lamp illumination indicate the presence of AC voltage. Voltage may still be present in the absence of the continuous tone and red lamp light.
- The visual indicators on this unit may not be easily visible in the presence of bright ambient lighting.
- Do not operate this device if it appears damaged or if it is malfunctioning in any way. Replace the tester if it is

damaged or malfunctioning.

- Do not measure voltages higher than the stated limit (1000VAC) as marked on the tester.
- Wear eye protection at all times while using this device.
- Test this device on a known live circuit (within the rated voltage limits) to verify proper operation before examining other circuits.
- Differences in socket design and insulation thickness/type can generate misleading results when measuring shielded wiring and cables.
- Always observe local, state, and national electrical codes and safety requirements.
- Protection provided by this device may be impaired if the device is used in a manner inconsistent with the user instructions provided.
- For indoor use only and in accordance with Overvoltage Category IV 1000V, Pollution Degree 2

CAUTIONS

- There are no user-serviceable parts in this device, do not attempt repairs.
- Avoid extreme temperature and humidity when using or storing this device.
- 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
- This symbol indicates double insulation is used

SPECIFICATIONS

- **Voltage Sensitivity** 50V to 1000V AC, 50/60Hz
- **Operating Temperature** 32 to 104°F (0 to 40°C)
- **Altitude** 2000m (6562 ft.) maximum
- **Relative Humidity** <80%
- **Battery** 2 AAA batteries
- **Dimensions/Weight** 6.25×1" (159x25mm) / 1.5oz (42g)

OPERATING INSTRUCTIONS

Power ON for use with Audible Alarm

1. Press the power button (5) momentarily. A single tone will sound, the red LED will flash quickly once, and then the steady green LED light will appear near the tip of the sensor (6).
2. The unit is now ready for operation.

Power ON for use without Audible Alarm

1. Press and hold the power button (5) for at least 3 seconds. The red LED will flash quickly once and then the steady green LED light will appear near the tip of the sensor (6).
2. The unit is now ready for operation without audible feedback.

Taking Measurements

1. Please test on a known live circuit to verify proper functionality first.
 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. The stronger the voltage, the faster the audible and visual alarming.
- **Switching the unit OFF** Press and hold the power button (5) for 2 seconds. The unit will emit a long audible tone and the LEDs will switch off. The unit also switches OFF automatically after 5 minutes of non-use.
 - **Important note on the meter's sensitivity** This detector is designed with high sensitivity. Static electricity or other sources of energy may randomly trip the sensor. This is normal operation.
 - **Flashlight Function** The ON/OFF button (2) controls the flashlight (1).

BATTERY INSTALLATION

1. Remove the end cap 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 the meter does not work properly, check the batteries to make sure that they are still good and that they are properly inserted. The end-user is legally bound (Battery ordinance) to return all used batteries and accumulators; disposal in the household garbage is prohibited! Deposit used batteries/accumulators at the appropriate collection points or wherever batteries/accumulators are sold!

Disposal: Follow the valid legal stipulations with respect to the disposal of the device at the end of its lifecycle.

Two-year Warranty Teledyne FLIR LLC 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>.

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.

Contact Customer Support

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

Documents / Resources

