



DV20 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 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

Voltage Sensitivity	100V to 600V AC
Bandwidth	50/60Hz
Detection distance	<0.2"
Operating Temperature	32 to 122°F (0 to 50°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Altitude	Operating below 2000 meters
Relative Humidity	80% up to 31°C, decreasing to 50% at 50°C
Battery	2 AAA batteries
Dimensions/Weight	6.25x1" (159x25mm) / 1.5oz (42g)
Safety	For indoor use and in accordance with Overvoltage Category III-600V, Pollution Degree 2.
UL Listed	The UL mark does not indicate that this product has been evaluated for the accuracy of its readings.

Support Hotline (781) 890-7440

Tech support: Ext. 200; Email: support@extech.com

Repair>Returns: Ext. 210; Email: repair@extech.com

Website: www.extech.com

Specifications subject to change without notice

Extech Instruments Corporation

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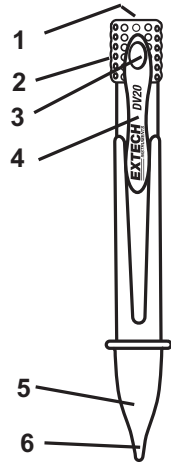
Operating Instructions

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.

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 (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.