



# Voltage Detector

Model No. 40130

**CAUTION:** Read, understand and follow Safety Rules and Operating Instructions in this manual before using this product.

## Safety Symbols



Caution ! Refer to the explanation in this Manual



Double Insulation or Reinforced insulation

## Operating Instructions

**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

### AC VOLTAGE DETECTION

1. Press the audible tone switch (1) to select tone on or off (IN = ON; OUT = OFF)
2. Touch the probe tip (3) to the hot conductor or insert into the hot side of the electrical outlet.
3. If AC voltage is present, the detector light will flash (2) and the audible warning will sound (if enabled).

**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.

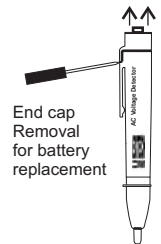
**NOTE:** The detector is designed with high sensitivity. Static electricity or other sources of energy may randomly trip the sensor. This is normal operation



## Battery Installation

1. Open the battery door (end cap) by gently prying up/out at the pocket clip using a small screwdriver.
2. Insert two AAA batteries (observe polarity).
3. Replace the battery door

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



## Specifications

<b>Voltage Sensitivity</b>	100 to 300V AC	<b>Bandwidth</b>	50/60Hz
<b>Detection distance</b>	<0.2"	<b>Over voltage</b>	Category III 600V
<b>Operating Temperature</b>	32 to 122°F (0 to 50°C)	<b>Storage Temperature</b>	-4 to 140°F (-20 to 60°C)
<b>Altitude</b>	Operating below 2000 meters	<b>Relative Humidity</b>	80% up to 31°C, decreasing to 50% at 40°C
<b>Battery</b>	2 AAA batteries	<b>Dimensions/Weight</b>	6x0.75x1" / 2oz
<b>Safety</b>	For indoor use and in accordance with Overvoltage Category III, 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.		

## Lifetime Limited Warranty

EXTECH INSTRUMENTS CORPORATION warrants this instrument to be free of defects in parts and workmanship for the useful life of the product. This excludes wear from normal use and/or abuse. Proof of original purchase must accompany any claims. 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](http://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.