

VT-1000 VOLTAGE DETECTOR INSTRUCTION MANUAL

Description

The Jonard Tools VT-1000 is designed to check for the presence of AC voltage. Simple to use, place the tester close to a voltage source or insert the tip into a household outlet to test. A pulsed tone and a flashing LED indicate the presence of voltage (between 90 VAC – 1000 VAC). The VT-1000 is useful in identifying the presence of AC voltage at outlets, switches, circuit breakers, fuses, wires and cables.

Operation

Turn the unit on: press and release the on/off button. The tester will immediately beep two times and the red LED will flash two times. The red LED will now flash every 1 ½ seconds indicating the unit is ready for use. Test the unit on a known live circuit before each use.

Note: when tester is turned on the default is audible, tone is enabled.

Turn the unit off: press and hold the on/off button for three seconds. A single tone and one flash of the red LED will occur indicating the unit is turning off.

Silent mode: To disable the audible tone press and release the on off switch, the tester will beep once indicating the audible tone is disabled. The tone can be disabled for use in quiet settings such as office environments, libraries, school settings and other quiet zones.

Enable tone: To enable the audible tone press and release the on/off button again and the tester will beep two times indicating the audible tone is enabled.

To test a circuit: place the probe tip close to or onto the object being tested. If voltage is present (90 VAC-1000 VAC) the unit will produce an audible tone and the red LED will flash. If there is no audible tone and the red LED is flashing the tone is disabled. Move the unit away from the voltage source and the tone and flashing will stop.

Battery Life: To preserve battery life the VT-1000 is equipped with an auto off feature after three minutes of inactivity. **Low Battery Indication:** If the batteries are low the LED will not flash when the unit is turned on and the LED will not flash when placed near a voltage source. The tone will still occur but the volume will be lower.

Safety Information

Read and understand this material before operating this tester. Failure to understand how to safely operate this tester could result in an accident causing severe injury or death.

Electric shock hazard:

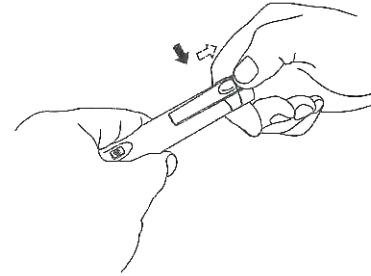
- Do not assume that no voltage indication means the circuit being tested is de-energized. Test on known live circuit to verify proper function.
- Do not use tester if the unit is wet or damaged.
- Do not apply more than one voltage between the tip and earth ground.
- Do not operate with the case open.
- This tester will not detect voltage through metal conduit, armored or shielded cable, wet non-metallic cable or at a distance such as through a wall.
- Using this tester near equipment that generates electromagnetic interference can result in unstable or inaccurate readings.
- Failure to observe these warnings could result in severe injury or death.

Caution:

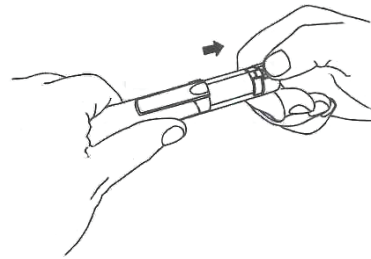
Do not attempt to repair this tester. There are no user serviceable parts inside.
Do not expose tester to extremes in temperature or high humidity.

Battery Replacement

1. With the unit turned off, hold the white portion of the tester with one hand and grab the cap (blue part of housing) with your other hand and with your thumb slightly depress the clip on the cap. Pull and separate the blue and black pieces to expose the batteries.



2. Replace the batteries using two AAA 1.5V alkaline batteries. Be sure to observe polarity.



3. Slide black housing back in place and depress the clip to fully close the tool.

Specifications

Voltage Range: 90 VAC- 1000 VAC

Frequency Range: 50-60 HZ

Battery: two AAA 1.5V or IEC LR03 or NEDA 24A

CAT IV rated

UL Listed

CE EN61010-1

Double Insulated

Voltage Indication: Audible and visual (beeping tone and flashing red LED)

Temperature:

Operating: -10°C (14°F) to 50°C (122°F)






Storage: 10°C (50°F) to 50°C (122°F)

Humidity: ≤95%

Altitude: 2000m (6,562') Maximum

Pollution Degree: 2

Symbols on tester

	Warning, Risk of electric shock
	Important information, read instruction manual
	Double Insulated
	Conforms to European Union Standards
	UL Listed

MADE FOR LIFE®