multicomp PRO

Voltage Tester
Model No. MP780052

IMPORTANT SAFETY INFORMATION

Read all instructions before using the appliance and retain for future reference.

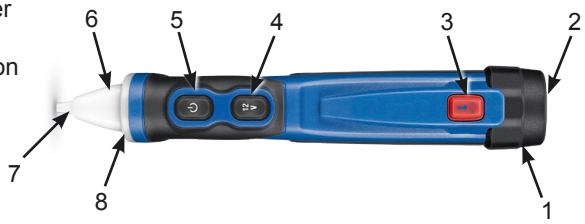
- Please follow all safety operation instructions.
- Check probes and case insulation before using. If you find any breakage or abnormality, or you consider the device is broken, stop using the device immediately.
- Test using a known live source in the AC voltage range to confirm the tester is working properly before use.
- Use caution with voltages above 30VAC as a shock hazard may exist.
- Insulation type and thickness and other factors may effect the operation, use other methods to verify live voltages if there is any uncertainty.
- Do not use the product for any purpose other than that for which it is designed.
- Turn the tester off when not in use to save the battery.
- Remove the battery if the meter is not to be used for long periods.
- Replace the battery as soon as the low battery warning appears to avoid possible electric shock or personal injury caused by incorrect readings.

WHAT'S INCLUDED

- Voltage Tester
- Batteries.
- Instruction manual.

PRODUCT OVERVIEW

1. Screw on battery cover
2. Flashlight
3. Flashlight 'on/off' button
4. 12V mode button
5. Tester 'on/off' button
6. LED indicators
7. Detector tip
8. Worklight



OPERATION

- **Turning the tester on:** Momentarily press the tester On/Off button (5). The sounder will beep once and the green LED will illuminate to indicate that the tester is on and ready for use.
- **Turning the tester off:** Momentarily press the On/Off button. The tester will beep twice and the green LED will turn off.
- **Turning the sounder off:** With the tester off, press and hold the On/Off button until the green LED is illuminated. The tester will now operate without the sounder. To turn the sounder off when the tester is on, press and hold the On/Off button until the green LED flashes. To turn the sounder back on, press and hold the On/Off button until the green LED flashes and the sounder beeps.
- **Verify Operation:** Before using tester, make sure the green LED is glowing and check the tester on a known live AC voltage that is within the defined detection range of the tester.

- **High Voltage Mode (100 to 1000V AC):** Place the tip of the tester near an AC voltage. If the tester detects voltage within the defined detection range, the green LED will turn off, the red LED will turn on, and the sounder will beep rapidly.
- **Low Voltage Mode (12 to 1000V AC):** Press and hold the 12V button (4). The green LED will change to yellow to indicate the tester is in the low voltage mode. While pressing the 12V button, place the tip of the tester near an AC voltage. When AC voltage is detected, the yellow LED will turn off, the red LED will flash and the sounder will beep.

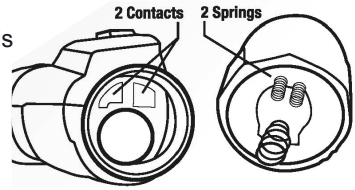
NOTE: The flash rate and beeping rate will increase as the tester gets closer to the voltage source. If the tester detects high voltage, it will automatically change over to the high voltage mode: The red LED will change to a steady glow and the sounder will beep rapidly. The tester cannot determine the actual voltage. The voltage level where the tester switches from the low to high voltage mode is effected by insulation type and thickness, distance from the voltage source, and other factors.

- **Low Battery Indication:** Replace the batteries if the green LED does not turn on. When the tester is on and the batteries are too low for reliable operation, the beeper will beep three times and the green LED will turn off indicating the tester is not operational. Replace the batteries to restore operation.
- **Auto Power Off:** To conserve battery life, the tester will automatically turn off after approximately 5 minutes of inactivity. When powering down, the beeper will beep twice and the green LED will turn off.
- **Flashlight:** Momentarily press the Flashlight button (3) to turn the flashlight on or off. To conserve battery life, the flashlight will automatically turn off after approximately five minutes. The beeper will beep twice as the flashlight turns off.

NOTE: If the battery voltage is too low to operate the flashlight, the tester will indicate this condition by beeping three times and the flashlight will turn off. The voltage detector has it's own low battery threshold and may remain operational, verify it's condition before using the tester.

MAINTENANCE

1. Carefully unscrew the battery cap at the rear (flashlight end) of the tester.
2. Replace the batteries with two AAA 1.5V batteries observing the polarity.
3. Carefully align the 2 flashlight contact springs on the cap with the contacts above the batteries.
4. Press the cover onto tester and rotate clockwise until engaged. Do not use excessive force.
5. The IP67 dust and water ingress protection level is determined by the correct fitting of this cap.



NOTE: When batteries are loaded for the first time, please remove the white, rectangular security strip before installing the batteries.

CLEANING

- Clean the tester with a clean, soft cloth.
- Do not use any chemicals, abrasives or solvents that could damage the tester.

SPECIFICATIONS

Detection voltage range	100V AC to 1000V AC, 12V to 1000V AC
Frequency range	50/60Hz
Batteries	Two AAA 1.5V batteries
Operating temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-10°C to 60°C (14°F to 140°F)
Humidity	80% max
Altitude	2000 meters
Pollution Degree	2
Safety Compliance	CAT IV-1000V

INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

These symbols indicate that separate collection of Waste Electrical and Electronic Equipment (WEEE) or waste batteries is required. Do not dispose of these items with general household waste. Separate for the treatment, recovery and recycling of the materials used. Waste batteries can be returned to any waste battery recycling point which are provided by most battery retailers. Contact your local authority for details of the battery and WEEE recycling schemes available in your area.

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