



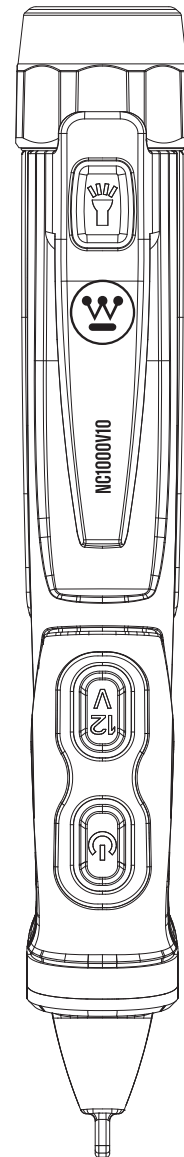
User Manual

Product:

Dual Range Non-Contact
AC Voltage Detector
WPMDNC1000V10

DO NOT RETURN THIS PRODUCT TO THE STORE

If you have questions
or need assistance, please call
customer service at 888-230-4260.



WARNINGS

International Safety Symbols



Potential danger. Indicates the user must refer to the manual for important safety information.



Indicates hazardous voltages may be present.



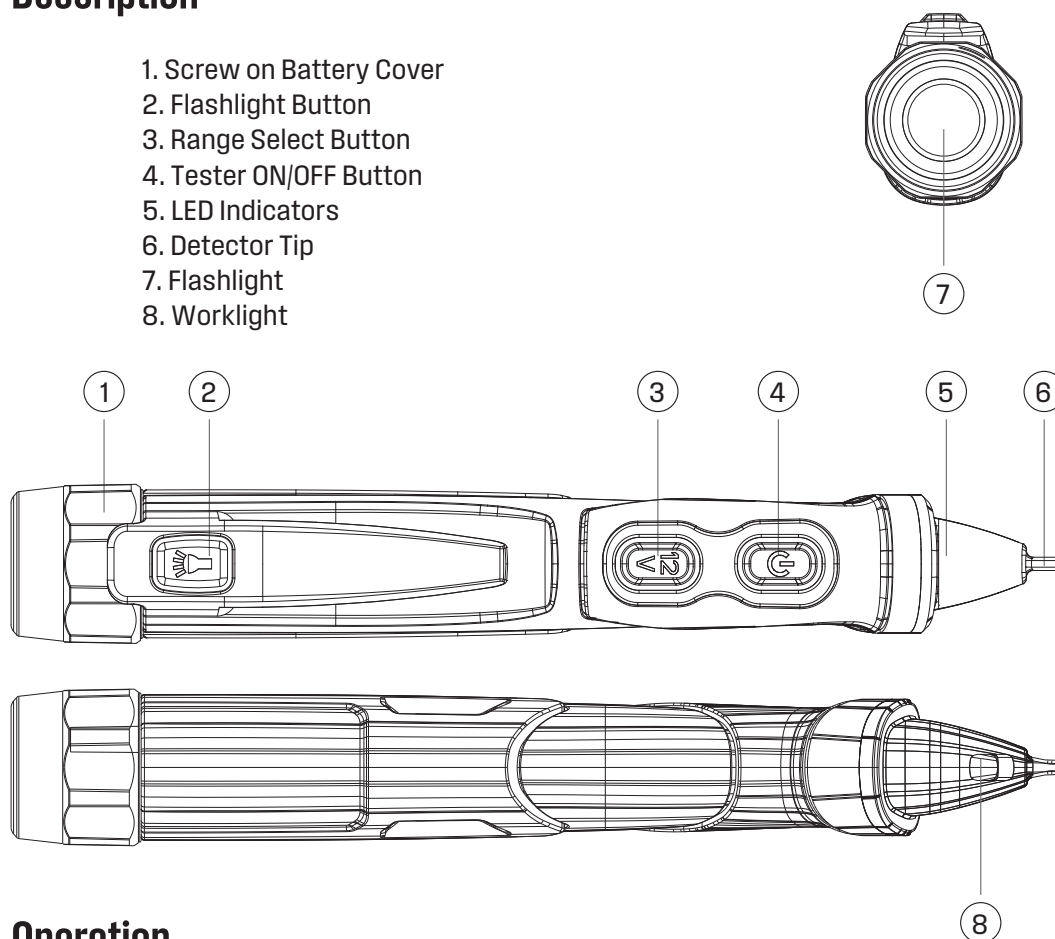
Equipment is protected by double or reinforced insulation.

SAFETY NOTES

- Read, understand, and follow safety rules and operating instructions in the manual before using this tester.
- The tester's safety features may not protect the user if not used in accordance with the manufacturer's instructions.
- Check on a known live source within the rated AC voltage range of the tester before use to ensure it is in working order.
- Insulation type and thickness, distance from the voltage source, shielded wires, and other factors may effect reliable operation. Use other methods to verify live voltage, if there is any uncertainty.
- Do not use if the tester appears damaged or if it is not operating properly. If in doubt, replace the tester.
- Do not use on voltages that are higher than as marked on the tester.
- Use caution with voltages above 30 volts AC as a shock hazard may exist.
- Comply with all applicable safety codes. Use approved personal protective equipment when working near live electrical circuits-particularly with regard to arc-flash potential.
- Do not operate tester if Low Battery warning occurs. Replace batteries immediately.

Description

1. Screw on Battery Cover
2. Flashlight Button
3. Range Select Button
4. Tester ON/OFF Button
5. LED Indicators
6. Detector Tip
7. Flashlight
8. Worklight



Operation

1. Turning the Tester On and Self-test

- Momentarily press the On/Off button, to turn on the device and activate the tester self-test.

Self-test pass:

- The beeper will beep once and the range LED will flash twice rapidly to indicate that the device is on and ready for use.
- The device will self-test every five seconds with AC voltage out of range, the range LED will flash twice rapidly every self-test pass.

Self-test fail:

- The beeper will beep and all indicator LED will flash five times, and then turn off to indicate that the device is not ready to use.

2. Turning the Tester Off

- Momentarily press the ON/OFF Button, The tester will beep twice and all indicator LED will turn off to indicate that NCV function is off.

3. Turning the Beeper Off

- With the tester off, press and hold the ON/OFF Button until the range LED (green or yellow) is illuminated, the tester will now operate without the beeper.
- It can not turn the beeper off when the tester is on.

4. Verify Operation

- Before using tester, (1) Make sure the range LED is glowing, (2) Check tester on a known live AC voltage that is within the defined detection range of the tester.

5. High Voltage Mode (100V to 1000VAC)

- The green range LED is bright to indicate that the tester is working on High Voltage Mode when the tester is on, place the tip of the tester near an AC voltage.
- If the tester detects voltage within the defined detection range, the tester will light as red LED and the beeper will beep rapidly.

6. Low Voltage Mode (12V to 1000VAC)

- The yellow range LED illuminate to indicate that the tester work on Low Voltage Mode when the tester is on, place the tip of the tester near an AC voltage.
- If the tester detects voltage within the defined detection range, the yellow LED will turn off, the red LED will flash and the beeper will beep.
- The flash rate and beeping rate will increase as the tester gets closer to the voltage source.
- If the tester detects high voltage, the red LED will change to a steady glow and the beeper will beep rapidly.

7. Change Voltage Range Mode

- Press the "R" (Range) Button when the tester is on with NCV function, the tester will change voltage range mode once between low voltage mode and high voltage mode.
- The yellow range LED illuminate to indicate that the tester is working on Low Voltage Mode, otherwise the green range LED is bright to indicate that the tester is working on High Voltage Mode.

8. Low Battery Indication

- Replace the batteries if the range 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 range LED will turn off indicating the tester is not operational.
- Replace the batteries to restore operation.

9. 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 all LED will turn off.

10. Flashlight

- Momentarily press the Flashlight button to turn the flashlight on or off.
- To conserve battery life, the flashlight will automatically turn off after approximately 5 minutes.
- The beeper will beep twice as the flashlight turns off.

11. Worklight

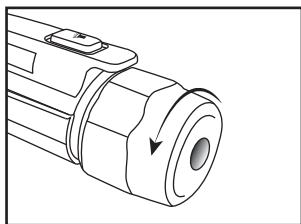
- Press and hold the ON/OFF Button about two seconds when the tester is on with NCV function, the tester will turn off or turn on the worklight.
- The status of the worklight can only be changed by long press of the ON/OFF Button.

NOTE:

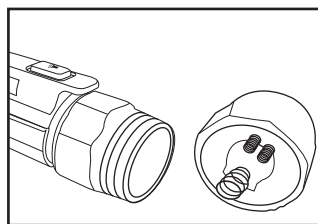
The tester cannot determine the actual voltage. The voltage level where the tester switches from the low to high voltage mode is effected by insulation type and thickness, distance from the voltage source, and other factors.

Changing Batteries

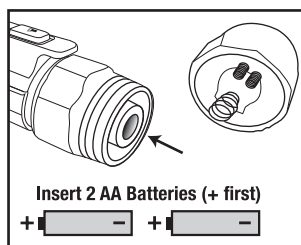
1. Carefully unscrew battery cap at the rear (flashlight end) of the tester.
2. Replace batteries with two AAA 1.5V batteries. Observe polarity.
3. Carefully align cover with tester as shown below.
4. Tighten the battery cap securely but avoid overtightening, as this may damage the tester or compromise its IP67 protection.
5. Verify proper operation.



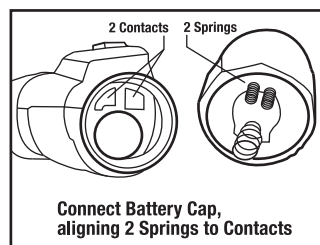
End of the Tester



Cap with springs to align



Observe correct polarity when installing batteries.



Push IN and Rotate Cap back onto Tester Body

NOTE:

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

NOTE:

When replacing the batteries, be sure to secure the cap firmly to maintain IP67 water and dust protection. A loose or overtightened battery cap may compromise water and dust protection.

Care and Maintenance

- Do not immerse the instrument in water.
- Ensure the instrument is powered off, then wipe the dirt with a soft cloth dampened with pure water.
- Do not use aggressive cleaning agents or solutions.
- Do not mix different types of batteries such as alkaline, carbon-zinc, or rechargeable batteries.
- Handle the instrument with care.
- Please take out the battery when the instrument is not used for a long time.
- Remove the batteries if the tester will not be used for an extended period to prevent battery leakage and damage.
- Keep it away from high temperatures and humidity.
- If the non contact AC voltage detector has been stored in extreme conditions beyond the limits specified in the General Specifications section, allow it to stabilize under normal operating conditions before use.

General Specifications

Detection Voltage Range	100V to 1000VAC, 12V to 1000VAC
Frequency Range	50/60Hz
Batteries	Two AAA 1.5V batteries
Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-10 to 60°C (14 to 140°F)
Humidity	80% max.
Altitude	2000 meters
Pollution Degree	2
Safety Compliance	CAT IV 1000V
IP Rating	IP67
Dimensions	160 x 25 x 23mm (6.29 x 0.98 x 0.90in)
Weight	66g (2.32oz)
Safety	For Indoor Use. Have been investigated by UL in accordance with the Standard(s) for Safety: UL61010-1, 3rd Edition, Mai 11, 2012, Revised November 21 2018, CAN/CSA-C22.2 No. 61010-1-12, 3rd Edition and Additional Standards: IEC 61010-2-030:2017 (Second Edition) UL 61010-2-030 Ed.2 Published December 21, 2018; CAN/CSA C22.2 No 61010-2-030:18 Published December 2018

2-Year Warranty

If your product fails due to defects in materials or workmanship, we will replace it. This warranty is valid only for the original end-user purchaser of the product.

Exclusions:

- The warranty is non-transferable.
- For details, contact Customer Care at (888) 230-4260 or send us a mail at support@pmd.westinghouse.com
- This warranty applies exclusively to products purchased directly from us or our authorized sellers. Products bought from unauthorized sellers, including unapproved online platforms, may not be covered unless prohibited by law.
- We reserve the right to deny warranty claims for items purchased from unauthorized sellers.

Legal Rights:

This warranty provides you with specific legal rights, and you may have additional rights that vary by state or country. Proof of purchase indicating the date and place of purchase may be required.

Limitations:

This limited warranty replaces all other express warranties. Any implied warranties, including merchantability or fitness for a particular purpose, are limited to the duration of this warranty. We are not liable for incidental or consequential damages.

Note: Some states or countries do not allow limitations on the duration of implied warranties or exclusions of certain damages, so these limitations may not apply to you.

This guarantee applies only to products purchased from us or authorized sellers unless prohibited by law. We may reject claims for items bought from unauthorized sellers, including unapproved online platforms.

For more details or to confirm if a seller is authorized, contact Customer Care at (888) 230-4260 or email us at support@pmd.westinghouse.com

Disposal / Recycle

Do not dispose of the equipment and its accessories in the trash. Ensure proper disposal in compliance with local regulations. For more information, visit www.epa.gov/recycle.



www.westinghouse.com
Service Number 888-230-4260

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