EN: CIRPROBE – USER MANUAL

Automotive Current Tester

APPLICATION DESCRIPTION

This device is designed to measure electrical current at the fuse box using standard blade fuses. It is suitable for diagnosing electrical circuit faults in passenger vehicles and commercial vehicles.

The tester offers fast measurements, high accuracy, and easy operation.

PRODUCT SPECIFICATIONS

Model: CNBJ-611
Fuse Type: Standard blade fuse
Color: Sapphire Blue
Material: ABS/PC housing
Display: LCD screen
Backlight: Blue backlight
Work Light: Front LED lighting
Battery Type: 1 × 23A 12V battery
Measuring Range: 0.01A – 19.99A
Maximum Load: 20A / 48V DC (max. 10 seconds)
Dimensions: 110 × 45 × 30 mm (main unit)
Operating Temperature: 0°C to 40°C
Storage Temperature: -10°C to 50°C
Accuracy: ±2%
Weight: Approx. 105 g (main unit), 145 g (full set)
Relative Humidity: ≤ 80%

PRODUCT FEATURES

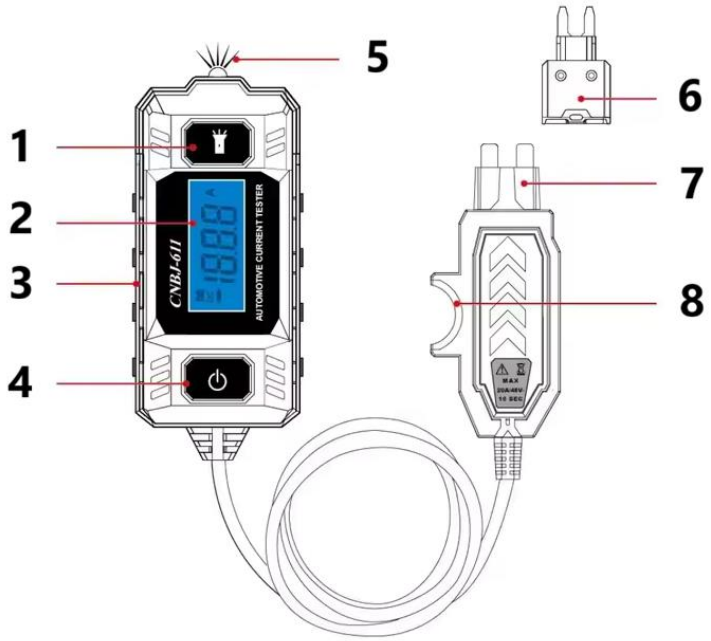
- **Front LED Light:** Provides illumination for inspection and maintenance in low-light or dark environments. Can also be used as a small work light.
- **LCD Display with Blue Backlight:** Ensures clear visibility of measurement data in daylight and poor lighting conditions.
- **Ergonomic Design:** Modern, compact, and user-friendly design with a durable and visually appealing housing.

IMPORTANT SAFETY INSTRUCTIONS

- This tester is intended **only for measuring automotive DC current**.
- The fuse may become hot during testing. Allow it to cool before handling.
- Do not exceed the maximum load rating of **20A / 48V DC for more than 10 seconds**.
- Always turn off the vehicle ignition before connecting or disconnecting the tester.
- Do not disassemble the tester or modify its internal circuitry.
- Keep the tester dry at all times.

- Do not pull or apply excessive force to the cable.
- Do not use the tester if it appears damaged or malfunctioning.
- Store the tester out of reach of children when not in use.

PRODUCT DIAGRAM



1. Lighting Button
2. LCD Display
3. Battery Cover
4. Power Button (ON/OFF)
5. LED Work Light
6. Small Adapter Plug
7. Fuse Jack
8. Fuse Socket

OPERATING INSTRUCTIONS

1. Turn off the vehicle ignition.
2. Remove the blade fuse attached to the tester from its jack.
3. Remove the vehicle's fuse from the circuit you wish to test.
4. Insert the tester's fuse (rated 20A/48V, standard type) into the fuse socket to ensure proper circuit protection.
5. Select the appropriate plug size (medium or small) based on the blade fuse type. If needed, attach the small adapter to the medium plug. Insert the plug into the vehicle's fuse socket.
6. If necessary, turn on the vehicle ignition to energize the circuit.
7. Press the power button to turn on the tester and begin measuring.
8. The LCD screen will display the measured current value.
9. If "DC+" is displayed, the circuit has positive current polarity. If "DC–" is displayed, the circuit has negative current polarity.
10. After completing the measurement, press the power button again to turn off the tester.

BATTERY REPLACEMENT

If the battery symbol appears on the display, the battery voltage is low and should be replaced promptly.

Before opening the battery compartment:

- Turn off the tester.
- Ensure the tester is disconnected from any circuit.

Replace the battery with a new **23A 12V battery**, observing correct polarity.

INSTRUCTIONS FOR RECYCLING AND DISPOSAL:

This label means that the product cannot be disposed of as other household waste throughout the EU. To prevent potential damage tothe environment or human health from uncontrolled waste disposal. Recycle responsibly to promote the sustainable use of material resources. If youwant to return a used device, use the drop-off and collection system, or contact the retailer from whom you bought the product. The retailer can accept the product for environmentally safe recycling.

CE

A declaration by the manufacturer that the product complies with the requirements of the applicable EU Directives.