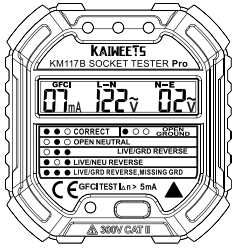
KAIWEETS

RECEPTACLE TESTER KM117B INSTRUCTION



Designed to detect common wiring problems in standard and GFCI receptacles. In addition, the tester with the LCD can measure the Phase Voltage, Leakage Voltage and Current.

Diagnostics chart

Indicator	Condition	Explanation
● ● ○	CORRECT	Receptacle is wired correctly
● ○ ○	OPEN GROUND	Ground contact is not connected; Ground wire is not connected to the ground.
○ ● ○	OPEN NEUTRAL	Neutral contact is not connected
○ ● ●	HOT/GRD REVERSE	Hot and ground connections are reversed
● ○ ●	HOT/NEU REVERSE	Hot and neutral connections are reversed
● ● ●	HOT/GRD REVERSE, OPEN GRD	Reverse connection between the hot line and ground line, and the ground line is unconnected.

● Indicator Illuminated ○ Indicator Not Illuminated

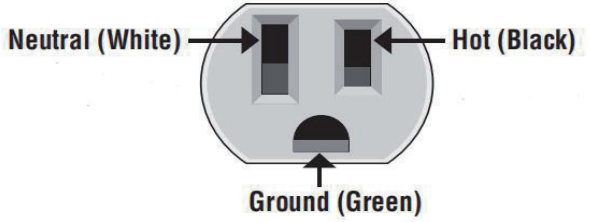
Questions or Concern? **support@kaiweets.com**

Note: This tester cannot distinguish reverse connection between neutral line and ground line.

⚠ Warning

Read, understand and follow all warnings and instructions before operating testers. Failure to follow instructions could result in death or serious injury.

- Before each use, verify tester operation by testing on a known live and correctly wired receptacle. Do not use if the tester appears damaged in any way.
- The tester is intended for indoor use only. Other equipment or devices attached to the circuit being tested could interfere with the tester, clear the circuit before testing.
- This tester only detects common wiring problems. Always consult qualified electrician to resolve wiring problems



Wiring Configuration Testing

Conditions indicated: CORRECT, OPEN GROUND, OPEN NEUTRAL, HOT/GRD REVERSE, HOT/NEU REVERSE, HOT/GRD REVERSE, OPEN GRD.

Conditions NOT indicated: Quality of ground, multiple hot wires, combinations of defects, reversal of grounded and grounding conductors. All appliances or equipment on the circuit being tested should be unplugged to help reduce the possibility of erroneous readings.

GFCI Receptacles

1. Check the GFCI receptacle user manual for information on how the specific receptacle operates prior to using this tester.
2. Insert the tester into the receptacle under test to check for correct wiring. Lights on the tester should illuminate.
3. Read Current, Phase Voltage (L_ N) and Leakage Voltage (N_ E)
4. Press the test button on the GFCI receptacle. **Only press the GFCI button when the lights are illuminated as "●●○" (CORRECT).** The GFCI light should illuminate. **Did the GFCI trip and all lights on the tester go dark?**

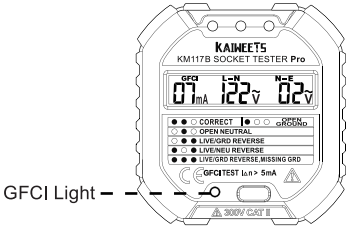
YES: Reset the GFCI by pressing the reset button. The GFCI is operating properly.

NO: Proceed to step 5.

5. Did the GFCI light illuminate?

YES: The GFCI is not operating properly or the receptacle is miswired. Consult a qualified electrician.

NO: The tester is operating properly.



Note:

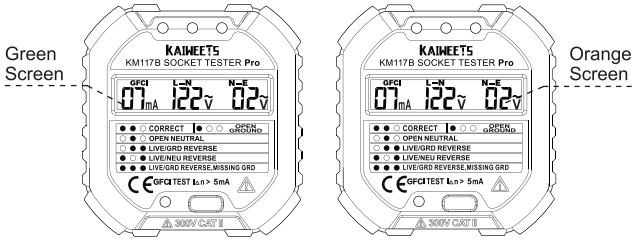
1. **The test time should be no more than 5 minutes.**
2. When using, please be careful not to touch the GFCI button, so as not to trigger the leakage protection switch and cause unnecessary loss.
3. When checking the circuit, please turn off the household appliances in use and confirm that the power failure will not cause any safety hazards.

Voltage Test

Insert the tester into a standard three holes power outlet. Read Phase Voltage (L_ N) and Leakage Voltage (N_ E).

The N-E voltage is normally "0" or closes to "0". If the N-E voltage reading is too large, the LCD Screen will change from green to orange. The following reasons:

1. The power consumption is too large, the wire is too small or too long (the resistance is too large).
2. The neutral line connector is loose, has poor contact or is oxidized.
3. The neutral wire is disconnected or severely oxidized, the electrical appliances cannot form a loop and there is a pressure drawdown generated by the electrical appliances between the neutral wire and the ground wire (determined by the pressure drawdown of the load electrical appliances).



Normal **Safety Hazard**

Note:
When the socket connection is not correct, the leakage voltage cannot be measured.

Clean

Wipe with a clean, dry lint-free cloth. Do not use abrasive cleaners or solvents.

Technical specifications

- Operating voltage: 90~250V/45~65Hz
- Phase voltage: 90~250V/45~65Hz accuracy: ±(2.0%+2)
- Leakage voltage: 0~99V /45~65Hz accuracy, ±(2.0%+2)
- Operating temperature: 0°C~40°C
- Operating humidity: 20%~75%RH
- Storage temperature: -10°C~50°C
- Storage humidity: 20%~80%RH
- Altitude: ≤2000m
- GFCI test: >5mA
- GFCI working voltage: 110V±20V

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UK Authorized Representative

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