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Extech ET11

Extech ET11 GFCI Receptacle Tester User Manual

Model: ET11

1. PRODUCT OVERVIEW

The Extech ET11 is a GFCI Receptacle Tester designed for Type B electrical outlets. It is used to test for correct wiring of 3-wire receptacles in 110-125 V AC, 50/60 Hz circuits and to confirm the operation of Ground Fault Circuit Interrupter (GFCI) protective devices.





Image: Front view of the Extech ET11 GFCI Receptacle Tester, showing the indicator lights and test button.

EXTECH®

GFCI Receptacle Tester for Type B Electrical Outlets

E11

Detect various wiring faults
in electrical outlets, including
GFCI receptacles



Image: The Extech ET11 GFCI Receptacle Tester with text indicating its purpose for Type B electrical outlets and its ability to detect wiring faults.

2. FEATURES

- Tests for correct wiring of 3-wire receptacles in 110-125 V AC, 50/60 Hz circuits.
- Detects 5 common wiring faults: Correct, Open Ground, Open Neutral, Open Hot, Hot/Ground Reverse, and Hot/Neutral Reverse.
- Works on GFCI outlets and confirms operation of the ground fault protective device.
- Conveniently verifies both 'ground bottom' and 'ground top' style sockets with a test code light legend on both sides of the device.
- Ergonomic pull bar design for easy removal from outlets.

Smart & Safe Design

Ergonomic pull bar provides quick, easy removal



Image: Close-up of the Extech ET11 highlighting its ergonomic pull bar for easy removal from outlets.

3. OPERATING INSTRUCTIONS

3.1. Testing Standard Receptacles

1. Ensure the receptacle is powered and safe to approach.
2. Insert the Extech ET11 tester firmly into the 3-wire receptacle.
3. Observe the indicator lights on the tester. Refer to the wiring fault legend printed on the tester for interpretation.
4. The combination of illuminated lights will indicate the wiring status (e.g., Correct, Open Ground, Open Neutral, Open Hot, Hot/Ground Reverse, Hot/Neutral Reverse).
5. Remove the tester from the receptacle once the reading is taken.



Test for correct wiring of 3-wire receptacles in 110 V AC to 125 V AC, 50/60 Hz circuits, and works on GFCI outlets, confirming operation of the ground fault protective device.

Image: The Extech ET11 GFCI Receptacle Tester plugged into a GFCI outlet, demonstrating its use for testing wiring.



Detects 5 wiring conditions: correct, open ground, open neutral, open hot, hot/ground reverse, and hot/neutral reverse.

Image: A person wearing work gloves and safety vest using the Extech ET11 to test an electrical outlet.

3.2. Testing GFCI Receptacles

1. First, perform a standard wiring test as described above to ensure the receptacle is correctly wired.
2. If the wiring is correct, press the GFCI test button on the Extech ET11 tester.
3. A working GFCI outlet should trip, cutting power to the receptacle. The GFCI reset button on the outlet should pop out.
4. If the GFCI does not trip, it indicates a fault with the GFCI mechanism or wiring.
5. To restore power, press the reset button on the GFCI outlet.

3.3. Interpreting Indicator Lights

The Extech ET11 features a clear light legend on both the front and back to help interpret wiring conditions. The legend uses combinations of three indicator lights (typically amber/orange) to show the status.



Conveniently verify both 'ground bottom' and 'ground top' style sockets with test code light legend on both sides.

Image: Front and back views of the Extech ET11 GFCI Receptacle Tester, clearly showing the wiring fault legend with light patterns for 'Open Ground', 'Open Neutral', 'Open Hot', 'Hot/Ground Reverse', 'Hot/Neutral Reverse', and 'Correct' wiring.

Wiring Fault Legend

Condition	Light 1 (Left)	Light 2 (Middle)	Light 3 (Right)
Correct	Off	On	On
Open Ground	Off	On	Off
Open Neutral	On	Off	On
Open Hot	Off	Off	Off
Hot/Ground Reverse	On	On	Off
Hot/Neutral Reverse	On	Off	Off

4. MAINTENANCE AND CARE

- Keep the tester clean and free from dust and debris. Wipe with a dry, soft cloth.
- Do not expose the tester to extreme temperatures or moisture.
- Store the tester in a safe place when not in use to prevent damage to the prongs or casing.
- The Extech ET11 does not require batteries or user-serviceable parts. Do not attempt to open or repair the device.

5. TROUBLESHOOTING

If the Extech ET11 tester does not function as expected, consider the following:

- **No lights illuminate:** Ensure the receptacle is live and properly powered. Test with a known working outlet.
- **Inconsistent readings:** Ensure the tester is fully inserted into the receptacle. Check for loose connections in the outlet itself.
- **GFCI does not trip:** If the GFCI test button is pressed and the GFCI outlet does not trip, this indicates a fault with the GFCI mechanism or the wiring to the GFCI. Consult a qualified electrician.
- **Physical damage:** If the tester appears physically damaged, discontinue use immediately and replace the unit.

6. SPECIFICATIONS

EXTECH®

PRODUCT SIZE

4.26 x 1.78 x 1.1 in (108 x 45 x 28 mm)

PRODUCT WEIGHT

1.6 oz

INCLUDES

Tester, User Manual



Image: The Extech ET11 GFCI Receptacle Tester shown alongside its product size (4.26 x 1.78 x 1.1 inches) and weight (1.6 oz), and a note that it includes the tester and user manual.

Specification	Detail
Model Number	ET11
Manufacturer	Extech
Part Number	ET11
Item Weight	2.29 ounces
Product Dimensions	0.63 x 0.63 x 0.12 inches
Country of Origin	China
Item Package Quantity	1
Measurement Accuracy	+/-0.5%
Included Components	Electrical Testers
Batteries Required?	No
ASIN	B0D431PZXS

Specification	Detail
Date First Available	May 13, 2024

7. WARRANTY AND SUPPORT

Specific warranty information for the Extech ET11 GFCI Receptacle Tester is typically provided with the product packaging or can be found on the official Extech website. For detailed warranty terms, service, or technical support, please refer to the contact information provided by Extech.

You can visit the official Extech website for further assistance: www.extech.com

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Related Documents - ET11

	<p>Extech ET40 Heavy Duty Continuity Tester User Manual</p> <p>User manual for the Extech ET40 Heavy Duty Continuity Tester. Learn how to safely and effectively test continuity of non-energized components, fuses, switches, relays, wiring, and circuit boards.</p>
	<p>EXTECH 40180 Tone Generator and Amplifier Probe User Manual</p> <p>User manual for the EXTECH 40180 Tone Generator and Amplifier Probe. Learn about its features, operation, specifications, and troubleshooting for cable tracing and phone line testing.</p>
	<p>Extech ET20 Dual Indicator Voltage Detector User Manual</p> <p>User manual for the Extech ET20 Dual Indicator Voltage Detector, a 2-Way AC/DC Voltage Tester (100-250V). Provides operation, warranty, and service information.</p>

 <p>EXTECH USER GUIDE Current Calibrator Model PRC10</p> <p>Additional User Manual Translations available at www.extech.com</p>	<p>Extech PRC10 Current Calibrator User Guide</p> <p>Comprehensive user guide for the Extech PRC10 Current Calibrator. Learn about its features, operation modes (Measure, Source), safety guidelines, specifications, and calibration services from Extech Instruments, a FLIR Systems company.</p>
 <p>EXTECH 375475 1-Outlet Programmable Digital Timer</p>	<p>Extech 375475 Digital Timer User Manual</p> <p>User manual for the Extech 375475 Digital Timer, detailing setup, programming, and operation for controlling appliances.</p>
 <p>EXTECH 407760 Sound Level Meter USB Datalogger</p>	<p>EXTECH 407760 Sound Level Meter USB Datalogger User Manual</p> <p>User manual for the EXTECH 407760 Sound Level Meter USB Datalogger. This document provides essential information on the device's introduction, operation, and battery replacement procedures.</p>