

YOJOCK YOJOCK-TPGFCI-LCD

YOJOCK Outlet Tester Electrical GFCI Receptacle Detector with LCD Display User Manual

Model: YOJOCK-TPGFCI-LCD

PRODUCT OVERVIEW

The YOJOCK Outlet Tester is a versatile electrical tool designed for standard 3-wire and GFCI-protected 90-250 Volt AC outlets. It provides quick and accurate detection of socket wiring failures, displaying results on an LCD screen and indicator lights. This device is an essential tool for maintenance personnel, inspectors, and homeowners to ensure electrical safety.

Key Features

- **Electrical Problem Checker:** Detects socket wiring failures in 3-wire and GFCI-protected 90-250V AC outlets.
- **Clear Color LCD Screen:** Provides at-a-glance indication of correct wiring (Green) or problems (Orange), and displays actual voltage.
- **Easy to Use:** Simple plug-in operation with clear LED indicators for identifying six common wiring issues.
- **One-Click GFCI Tester:** Checks if the trip breaker is functioning correctly in GFCI receptacles.
- **Safety Certified:** Conforms to CAT.II 300V and CE certification standards, ensuring safety and reliability.

SAFETY INFORMATION

This device is designed for safety and reliability, conforming to CAT.II 300V and CE certification standards. Always exercise caution when working with electricity.

- **GFCI Test Caution:** Ensure the GFCI test is performed correctly under proper wiring conditions with a current greater than 5mA. Be aware that using the GFCI test function on regular receptacles may cause the household wiring system to trip.

- **Professional Assistance:** If any wiring issues are detected, it is recommended to consult a qualified electrician for inspection and repair.
- **Operating Environment:** Use the tester within the specified operating temperature (0°C-40°C) and humidity (20%-75%RH) ranges.

SETUP AND OPERATION

Getting Started

The YOJOCK Outlet Tester is ready for use directly out of the box. No batteries are required as it draws power from the outlet. Simply plug the tester into the 3-wire AC outlet you wish to test.

Reading the Display and Indicators

The device features a vibrant color LCD display and LED indicator lights to show the wiring status. The LCD screen will display the actual voltage and indicate correct wiring with a green screen, or wiring problems with an orange screen.



Correct - screen appears green



Error - screen appears orange

● ● ●	CORRECT
● ● ●	OPEN GROUND
● ● ●	OPEN NEUTRAL
● ● ●	LIVE/GRD REVERSE
● ● ●	LIVE/NEU REVERSE
● ● ●	LIVE/GRD REVERSE, MISSING GRD

This image illustrates the tester's LCD screen in both correct (green) and error (orange) states, along with a comprehensive chart explaining various wiring fault indications using LED patterns.

Wiring Indication Chart

Condition	LED Indicators
Correct	Two orange lights on the right
Open Ground	Middle orange light on, right orange light off
Open Neutral	Left orange light on, middle and right orange lights off
Live/Ground Reverse	Left orange light on, middle orange light off, right orange light on

Condition	LED Indicators
Live/Neutral Reverse	Left orange light off, middle orange light on, right orange light on
Live/Ground Reverse, Missing Ground	Left orange light on, middle orange light on, right orange light off

GFCI Test Function

To test a Ground Fault Circuit Interrupter (GFCI) protected outlet, plug the tester into the outlet.

Press and hold the **GFCI button** on the tester for approximately two seconds.



More Details To Show You

The technical parameters are shown in detail for you to understand this Outlet Tester quickly

Operating Voltage:	90-250V/45-65Hz	Storage Humidity:	20%-80%RH
Phase Voltage:	90-250V/45-65Hz, accuracy: $\pm 2.0\%+2$	Altitude:	$\leq 2000\text{m}$
Leakage Voltage:	90-99V/45-65Hz, accuracy: $\pm 2.0\%+2$	RCD Test:	$> 30\text{mA}$
Operating Temperature:	0°C-40°C	RCD Working Voltage:	220V $\pm 20\text{V}$
Operating Humidity:	20%-75%RH	GFCI Test:	$> 5\text{mA}$
Storage Temperature:	-10°C-50°C	GFCI Working Voltage:	110V $\pm 20\text{V}$

This image demonstrates how to perform the one-click GFCI test by pressing the dedicated button on the device. A successful test will trip the GFCI circuit.

If the GFCI receptacle trips (power is cut off), it indicates that the power leakage protection is working correctly. If it does not trip, the GFCI may be faulty and should be inspected by a qualified electrician.

Caution: When using this function on regular receptacles, it may cause the household wiring system to trip. Ensure the GFCI test is performed correctly under proper wiring conditions with a current greater than 5mA.

PRODUCT SPECIFICATIONS

Specification	Value
Operating Voltage	90-250V/45-65Hz
Phase Voltage Accuracy	$\pm(2.0\%+2)$
Leakage Voltage Accuracy	$\pm(2.0\%+2)$
Operating Temperature	0°C-40°C
Operating Humidity	20%-75%RH
Storage Temperature	-10°C-50°C

Specification	Value
Storage Humidity	20%-80%RH
Altitude	≤2000m
RCD Test Current	>30mA
RCD Working Voltage	220V±20V
GFCI Test Current	>5mA
GFCI Working Voltage	110V±20V
Safety Standards	CE, CAT.II 300V
Item Weight	100 g
Dimensions	8.31 x 7.7 x 7.49 cm
Model Number	YOJOCK-TPGFCI-LCD
Power Source	Corded Electric
Batteries	Not Required

MAINTENANCE AND TROUBLESHOOTING

Maintenance

The YOJOCK Outlet Tester requires minimal maintenance. Keep the device clean and dry. Avoid exposing it to extreme temperatures or humidity. Store it in a safe place when not in use to prevent damage.

Troubleshooting

If the tester does not light up or display readings when plugged into a live outlet, ensure the outlet is receiving power. If the issue persists, the device may be faulty. If the GFCI test does not trip a GFCI outlet, the GFCI outlet itself may be defective and require professional inspection.

WARRANTY AND SUPPORT

This YOJOCK Outlet Tester comes with a one-year guarantee. For support or warranty claims, please refer to the contact information provided with your purchase or visit the manufacturer's website.

ADDITIONAL RESOURCES

Protect The Electrical Safety of Your Home



6 Modes



Check for
Wiring Error



GFCI Test



CAT.II 300V

The YOJOCK Outlet Tester in use, demonstrating its compact size and clear LCD display when plugged into a standard wall socket.

GFCI Test

Press the GFCI button for two seconds to check the safe electrical wiring. Protect you from the risk of electric shock.

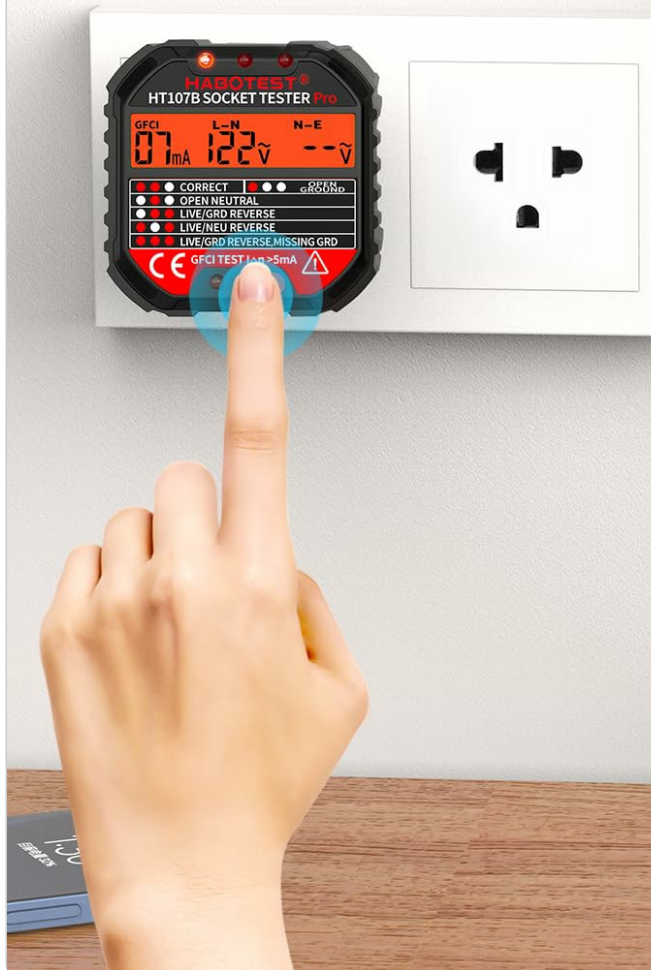


A detailed view of the tester's LCD screen, highlighting the voltage readings and the LED indicators for various wiring conditions.



An X-ray view of the YOJOCK Outlet Tester, showcasing its internal circuitry and emphasizing its CAT II 300V safety rating and high-definition screen for clear readings.

Ensure the Safety of Electricity in Various Occasions



Test Electrical System



Check the Circuit of New House



Office Security Inspection

This image depicts the versatility of the YOJOCK Outlet Tester, showing its application in different settings such as testing electrical systems, checking new house circuits, and conducting office security inspections.

Voltage Value

Wiring Check
Instructions Chart

GFCI Test
(Press for 2 seconds)



3-Prong

Small and portable,
easy to take and unplug.

A user holding the YOJOCK Outlet Tester, with callouts indicating the voltage display, the wiring check instructions chart, and the GFCI test button, emphasizing its portability and ease of use.



The YOJOCK Outlet Tester shown with its retail packaging and the accompanying user manual, indicating a complete product package.

Instructional Videos

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This video illustrates the basic operation of a grounding outlet tester, showing how to plug it into an outlet and interpret the indicator lights for correct wiring.

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A detailed video showcasing the various functions of a circuit breaker finder, including non-contact AC detection, polarity checks, loop resistance measurement, and GFCI testing, similar to the YOJOCK tester.

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This video provides a demonstration of an outlet tester plug, highlighting its ease of use for checking electrical outlets

for proper wiring and safety.

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