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› Tadeto Circuit Breaker Finder Tool with Outlet Tester (Model FTCT01) User Manual

Tadeto FTCT01

Tadeto Circuit Breaker Finder Tool with Outlet Tester (Model FTCT01) User Manual

Comprehensive instructions for safe and effective use.

1. INTRODUCTION

Thank you for choosing the Tadeto Circuit Breaker Finder Tool with Outlet Tester, Model FTCT01. This device is designed to assist in quickly identifying correct circuit breakers, detecting voltage anomalies, and assessing wiring conditions in electrical outlets. It features dual LCD screens for real-time voltage and signal strength display, making it suitable for both home and commercial applications. Please read this manual thoroughly before operation to ensure safe and proper use.



Image 1.1: Tadeto FTCT01 Circuit Breaker Finder Tool and Outlet Tester Kit. The image displays the green-colored receiver and transmitter units, along with various adapters and a carrying case.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the Tadeto FTCT01:

- Do not use the device if it appears damaged or if any part is missing.
- Ensure hands are dry before handling electrical outlets or the device.
- Always follow local electrical codes and safety standards.
- The device is designed for AC 90-135V. Do not use outside this voltage range.
- The battery compartment is secured with screws to prevent unauthorized access and reduce the risk of electric shock. Do not attempt to bypass this safety feature.
- When using the alligator clip adapter, ensure it is connected only to bare wires and that power is off before making connections.
- If uncertain about any electrical procedure, consult a qualified electrician.

Tadeto will protect your electrical safety

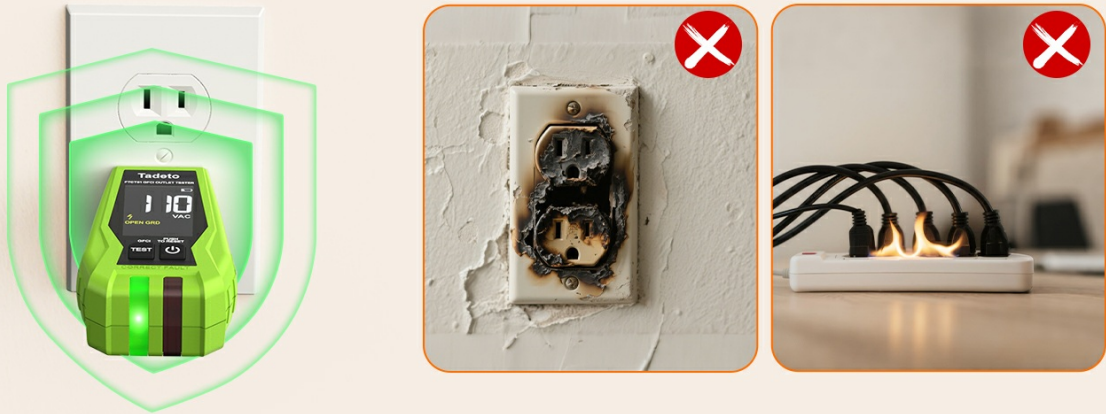


Image 2.1: The Tadeto FTCT01 outlet tester plugged into a wall outlet, with green protective shields radiating outwards, symbolizing electrical safety. Adjacent images show a burnt outlet and an overloaded power strip, illustrating potential hazards the device helps prevent.

3. SETUP

3.1 Package Contents

Verify that all items are present in the package:

- GFCI Outlet Tester (Transmitter)
- Receiver (Circuit Breaker Finder)
- Light Socket Adapter
- 3-Prong to 2-Prong Grounding Adapter
- Alligator Clip Adapter
- Storage Bag
- AAA Batteries (4 included)
- User Manual
- Small Phillips Screwdriver

Circuit Breaker Finder Kit



Image 3.1: All components of the Tadeto Circuit Breaker Finder Kit laid out, including the GFCI outlet tester, receiver, various adapters, batteries, screwdriver, and storage bag.

3.2 Battery Installation for the Receiver

The receiver unit requires 2 AAA batteries for operation. The battery compartment is secured with screws for safety.

1. Locate the battery compartment on the back of the receiver.
2. Use the provided Phillips screwdriver to loosen the screw(s) and remove the battery cover.
3. Insert 2 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery cover and secure it with the screw(s).



Image 3.2: Step-by-step visual guide for installing AAA batteries into the receiver unit of the Tadeto FTCT01, showing the battery compartment and correct battery orientation.

4. OPERATING INSTRUCTIONS

4.1 Circuit Breaker Finder Function

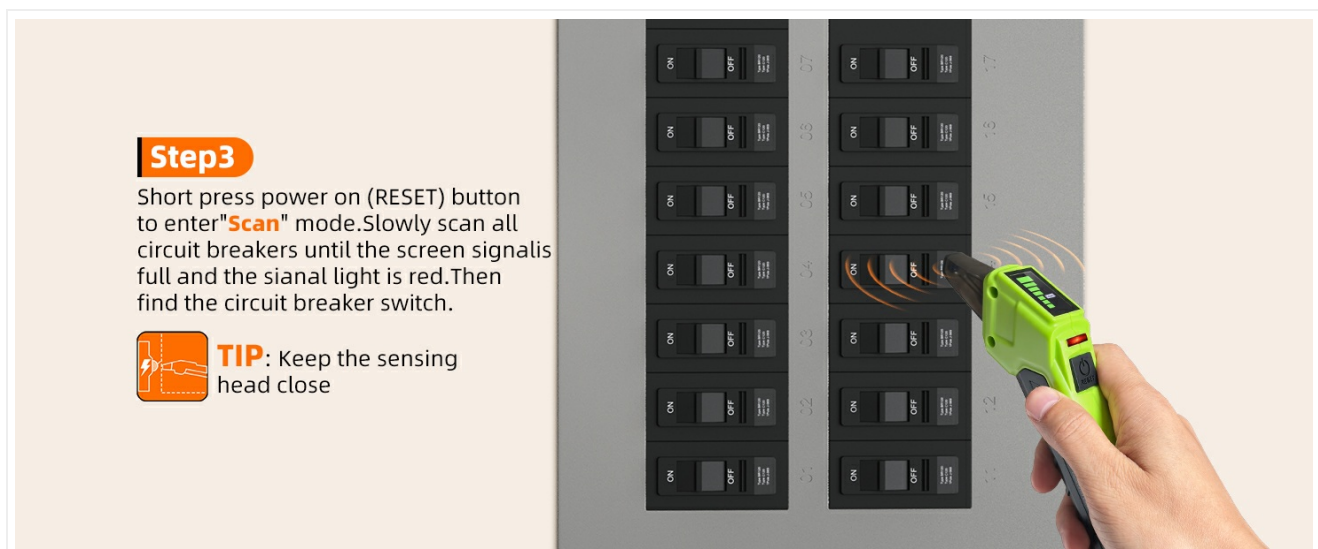
This function helps locate the correct circuit breaker for a specific outlet.

1. **Step 1: Insert Transmitter.** Plug the GFCI Outlet Tester (transmitter) into the electrical outlet you wish to test. Ensure the screen displays "CORRECT" before proceeding. If not, refer to the GFCI Tester section for wiring diagnosis.
2. **Step 2: Enter Learn Mode.** Press and hold the power on (RESET) button on the receiver to enter "Learn" mode. Slowly scan all circuit breakers in the electrical panel. The receiver will emit alert sounds during this phase.
3. **Step 3: Scan and Identify.** Short press the power on (RESET) button on the receiver to enter "Scan" mode. Slowly scan all circuit breakers again. The screen signal bars will fill, and the signal light will turn red when the correct circuit breaker is identified.



Dual LCDs Display
More Intuitive View & 10s Data View

Image 4.1: The transmitter plugged into a wall outlet, emitting a signal, and the receiver being used to scan circuit breakers in an electrical panel, indicating signal detection.



Step 3
Short press power on (RESET) button to enter "Scan" mode. Slowly scan all circuit breakers until the screen signal is full and the signal light is red. Then find the circuit breaker switch.

TIP: Keep the sensing head close

Image 4.2: A hand holding the receiver unit of the Tadeto FTCT01, scanning circuit breakers in an electrical panel. The image highlights the process of identifying the correct breaker by observing the signal strength on the receiver's display.

4.2 GFCI Outlet Tester Function

The GFCI Outlet Tester diagnoses wiring conditions and tests GFCI functionality.

1. Plug the GFCI Outlet Tester into the outlet. The dual LCD screens will display real-time voltage and wiring status.
2. Observe the LED indicators and LCD display for wiring conditions. The tester can diagnose 6 types of circuit faults:
 - o Open Hot
 - o Wired Correctly
 - o Open Neutral
 - o Open Ground
 - o Reversed Hot / Ground
 - o Reversed Hot / Neutral
3. To test GFCI functionality, press the "TEST" button. The display will show the voltage before triggering and alternate with the time it took for the GFCI to respond. A functional GFCI should trip the circuit.
4. The built-in battery allows the tester to retain measurement data for 10 seconds even if power is cut off during

a trip.



Image 4.3: A series of six diagrams illustrating different wiring conditions detected by the Tadeto FTCT01 GFCI Outlet Tester, including Open Hot, Wired Correctly, Open Neutral, Open Ground, Reversed Hot/Ground, and Reversed Hot/Neutral, each with corresponding visual indicators.

4.3 Using Adapters

The kit includes several adapters for various testing scenarios:

- **Light Socket Adapter:** Use this adapter to test lamp circuits by screwing it into a standard light socket.
- **3-Prong to 2-Prong Grounding Adapter:** Allows the GFCI Outlet Tester to be used with older 2-prong outlets. Ensure proper grounding when using this adapter.
- **Alligator Clip Adapter:** Designed for testing bare wires. **Important:** Ensure the power to the wires is OFF before connecting the alligator clips.



Image 4.4: Demonstrations of the Tadeto FTCT01 adapters: the 3-2 prong grounding adapter plugged into a wall outlet, the light socket adapter screwed into a ceiling light fixture, and the alligator clip adapter connected to exposed electrical wires.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Receiver not turning on or weak signal.	Low or dead batteries in the receiver.	Replace the 2 AAA batteries in the receiver, ensuring correct polarity.
Transmitter screen does not display "CORRECT".	Wiring fault in the outlet.	Refer to the GFCI Outlet Tester section (4.2) to diagnose the specific wiring issue. Do not proceed with circuit breaker finding until the outlet is corrected.
GFCI test does not trip the circuit.	Faulty GFCI outlet or circuit.	The GFCI outlet may be faulty and require replacement. Consult a qualified electrician.
Difficulty locating the correct breaker.	Scanning too quickly or not close enough to breakers.	Ensure you are scanning slowly and keeping the receiver's sensing head close and perpendicular to each breaker. Repeat "Learn" and "Scan" modes if necessary.

6. SPECIFICATIONS

- **Model:** FTCT01
- **Brand:** Tadeto
- **Power Source (Receiver):** 2 x AAA Batteries (included)
- **Voltage Range:** AC 90-135V
- **Display:** Dual LCD Screens (Backlit)
- **Material:** ABS Shockproof Shell
- **Dimensions:** 8.78 x 5.12 x 1.85 inches (Package)
- **Weight:** 1.08 Pounds (Package)
- **Safety Standard:** Complies with IEC61010-1 (for battery compartment)

7. MAINTENANCE

To ensure the longevity and proper functioning of your Tadeto FTCT01:

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the device in its provided storage bag in a cool, dry place when not in use.
- Remove batteries from the receiver if the device will not be used for an extended period to prevent leakage.
- Regularly inspect the device and its adapters for any signs of damage or wear.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Tadeto website. Keep your purchase receipt as proof of purchase for warranty claims.

