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› Yencoly MS5902 Automatic Circuit Breaker Finder and Socket Tester User Manual

Yencoly MS5902

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Model: MS5902

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of the Yencoly MS5902 Automatic Circuit Breaker Finder and Socket Tester. This device is designed to assist in identifying the correct circuit breaker for a specific outlet and to verify the wiring status of electrical sockets. Please read this manual thoroughly before operation and retain it for future reference.



Figure 1: The Yencoly MS5902 set, including the circuit breaker finder (receiver) and the socket tester (transmitter).

2. PRODUCT FEATURES

- Automatic sensitivity adjustment for efficient circuit breaker identification.
- Socket tester with three indicator lights to display correct wiring status.
- Integrated flashlight for use in dimly lit environments.
- Low battery warning indicator.
- Suitable for various applications including office, home, and factory electrical maintenance.

3. PACKAGE CONTENTS

The package includes the following items:

- 1 x Socket Tester with Transmitter (EU Plug)

- 1 x Circuit Breaker Finder with Receiver

4. SETUP

4.1. Battery Installation (Receiver)

1. Locate the battery compartment on the back of the Circuit Breaker Finder (receiver).
2. Open the battery compartment cover.
3. Insert one 9V battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Note: When the yellow LED on the receiver illuminates, it indicates a low battery and the battery should be replaced promptly for accurate operation.

5. OPERATING INSTRUCTIONS

5.1. Using the Socket Tester

1. Plug the Socket Tester (transmitter) into the electrical outlet you wish to test.
2. Observe the three indicator lights on the Socket Tester.
3. Refer to the legend on the device (or Figure 2) to interpret the wiring status based on the illuminated lights.

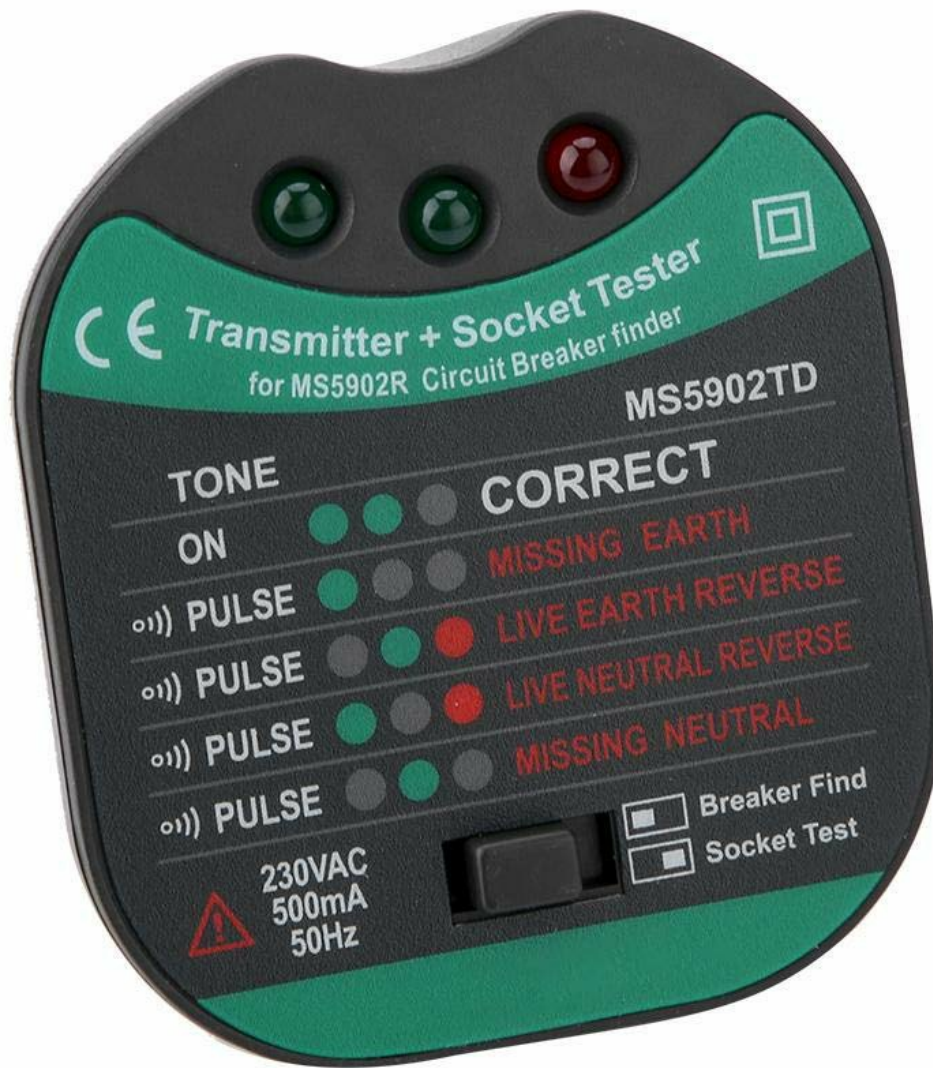


Figure 2: The Socket Tester's indicator lights provide immediate feedback on wiring conditions such as correct wiring, missing earth, live earth reverse, live neutral reverse, or missing neutral.



Socket Tester
3 indicator lights can show the socket condition.

Figure 3: The Socket Tester plugged into a wall outlet, ready to indicate wiring status.

5.2. Using the Circuit Breaker Finder

1. Ensure the Socket Tester (transmitter) is plugged into the desired outlet and the switch is set to "Breaker Find".
2. Turn on the Circuit Breaker Finder (receiver) by pressing the power button.
3. Proceed to the electrical panel where the circuit breakers are located.
4. Slowly move the tip of the Circuit Breaker Finder along each circuit breaker.
5. The device will emit an audible tone and/or illuminate an indicator light when it detects the correct circuit breaker for the outlet where the transmitter is plugged in.
6. The automatic sensitivity adjustment feature helps in pinpointing the correct breaker quickly.



Figure 4: The Circuit Breaker Finder held in hand, ready for use at the electrical panel.

5.3. Flashlight Function

The Circuit Breaker Finder is equipped with a flashlight. Press the flashlight button (usually marked with a light bulb icon) to activate it, which is useful when working in dark environments such as electrical panels or behind furniture.

6. MAINTENANCE

- Keep the device clean and dry. Wipe with a soft, damp cloth if necessary. Do not use abrasive cleaners or solvents.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove the battery from the Circuit Breaker Finder if it will not be used for an extended period to prevent battery leakage.
- Regularly check the battery level and replace the 9V battery when the low battery warning LED illuminates.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Circuit Breaker Finder does not turn on.	Dead or incorrectly installed battery.	Check battery polarity; replace 9V battery.
Circuit Breaker Finder cannot locate the correct breaker.	Transmitter not plugged in or not set to "Breaker Find"; weak signal; interference.	Ensure transmitter is correctly plugged in and set. Move receiver slower. Check battery.
Socket Tester lights do not illuminate.	No power to the outlet; faulty outlet.	Verify power to the outlet with another device. Consult a qualified electrician if necessary.
Low battery warning LED is on.	Battery in receiver is low.	Replace the 9V battery in the Circuit Breaker Finder.

8. SPECIFICATIONS

Brand	Yencoly
Model	MS5902
Working Voltage	AC 110V/220V (depending on plug type)
Plug Type	EU Plug (as per product variant)
Material	ABS
Color	Black + Green
Receiver Power Supply	1 x 9V Battery (Not included)
Receiver Size	20 x 3.8 x 5 cm / 7.9 x 1.5 x 2.0 inches
Socket Tester Size	6.3 x 7 x 5.5 cm / 2.5 x 2.8 x 2.2 inches
Packet Weight	Approx. 298g / 10.5oz



Figure 5: Detailed dimensions of both the Circuit Breaker Finder and the Socket Tester.

9. SAFETY INFORMATION

Always exercise caution when working with electricity. Ensure you understand the proper use of this device and follow all local electrical safety codes. If you are unsure about any electrical work, consult a qualified electrician. Do not use the device if it appears damaged.

10. WARRANTY AND SUPPORT

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



