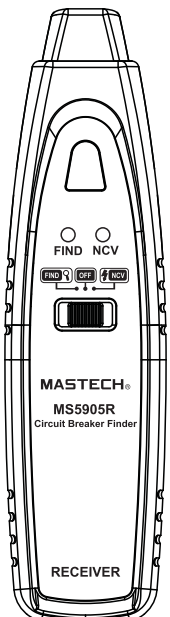
MASTECH® MS5905RTC/D/E

Circuit Breaker Finder/ NCV Detector/ Socket Tester



Functions:

- Circuit breaker finder to quickly and accurately find the target breaker
- NCV detection
- LED indicates condition of the socket's wiring.
- Audible buzzer and light indicators
- Low battery indicator
- Working voltage:AC220~250V/50~60Hz
- Safety rating:IEC1010-1 CATII 600V(MS5905R Only)
- For use in the home, office, power plant grids, installation and inspection

Important Information:

- Please read and follow all instructions carefully.
- The probe of the MS5905R is directional; see the picture below for usage instructions.
- The MS5905TC/D/E must be connected to the AC220~250V/50~60Hz mains for proper use
- The MS5905R & MS5905TC/D/E must be used together for breaker finder function
- When the yellow LED on the MS5905R lights up, replace the battery

Instructions:

1. Circuit Breaker Finder

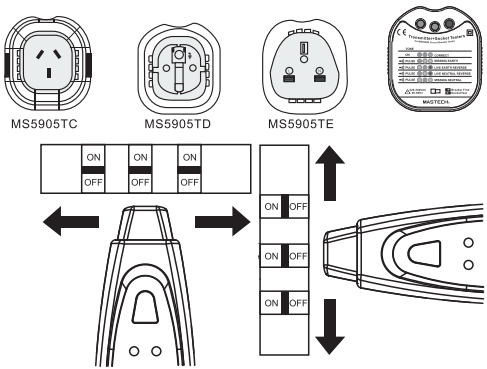
A. Move the switch on the face of the MS5905TC/D/E to "Breaker Find".Plug the MS5905TC/D/E into an outlet. The red LED should light up indicating the line is connected to the power supply. If the LED does not light, check power supply or connections to power supply.

B. Move the switch on the MS5905R to the FIND position. At the circuit breaker panel, take the receiver and run the tip across the breakers as shown below. The probe

is directional, so use other than as shown can give inaccurate results.

C. Run the receiver across the panel a few times.The receiver's green LED will light up and a buzzer will sound as it learns the panel. After 2-3 passes, the r eceiver will only react to the breaker that the transmitter is connected to.

D. Flipping off the breaker that the receiver reacts to should turn off the power at the socket the transmitter is connected to.



NCV Non-Contact Voltage Detection

A. Move the Switch on the MS5905R to the NCV position for Non-Contact Voltage detection.

B. Using the tip of the receiver, move it toward the conductor in question. If the receiver detects voltage, the LED will flash and a buzzer will sound.

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Socket Test

A. Move the switch on the face of the MS5905TC/D/E to "Socket Test."

B. Plug the transmitter into a wall outlet.Note the indicator lights on the face of the MS5905TC/D/E and refer to the following table to determine if the outlet is connected properly or not.

C. If the MS5905TC/D/E indicates a fault with the outlet, stop using out immediately and contact an electrician for assistance.

Tone	Indicator Lights	Fault
Solid		Socket is connected correctly
Alternating		Ground wire not connected
Alternating		Live and ground wires reversed
Alternating		Live and neutral wires reversed
Alternating		Neutral wire not connected

Specifications:

- Working temperature:0~50°C (32~122°F)
- Relative humidity:<80%
- Dimensions: Receiver: 177×46×31mm (6.97x1.81x1.22in)
- Transmitter: 71x64x55mm (2.80x2.5x2.16in)
- Weight: Receiver: 135g (4.76oz)
- Transmitter: 63g (2.22oz)
- Power Supply: 9Vbattery

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