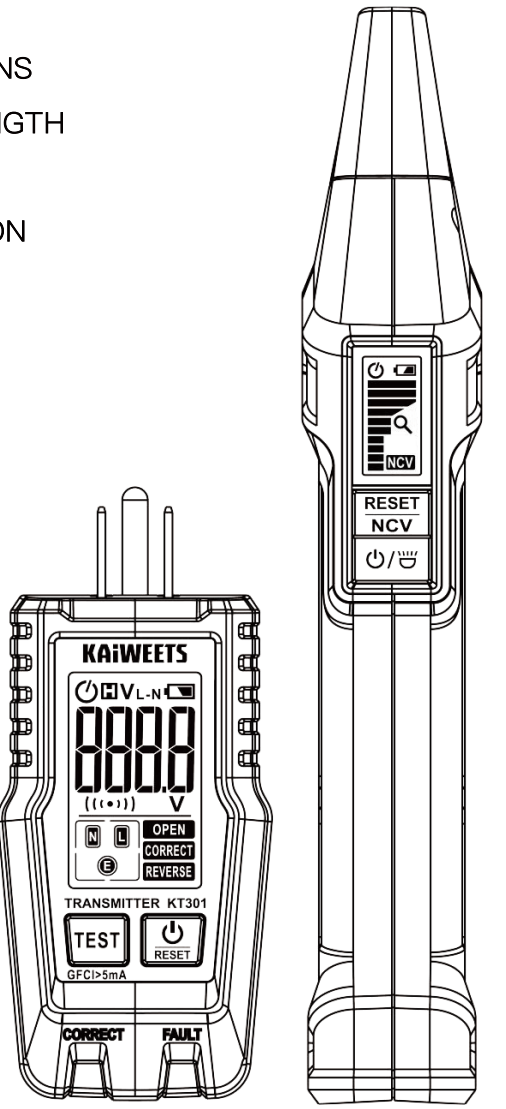
Digital Circuit Breaker Finder
User Manual

KT301

- VISUAL & AUDIBLE INDICATIONS
  LCD DISPLAYS SIGNAL STRENGTH
  IDENTIFY CORRECT BREAKER
- DETERMINE WIRING CONDITION
  AT ELECTRICAL OUTLETS
- TEST GFCI DEVICES
- NCV INDUCTION PEN
- LED LIGHTING



MADE IN CHINA

Contact us: support@kaiweets.com

Before use, please carefully read the user manual and strictly follow the safety rules and precautions listed in the manual, including caution, attention, and warning items.

⚠ WARNINGS

To avoid potential electric shock or personal injury!

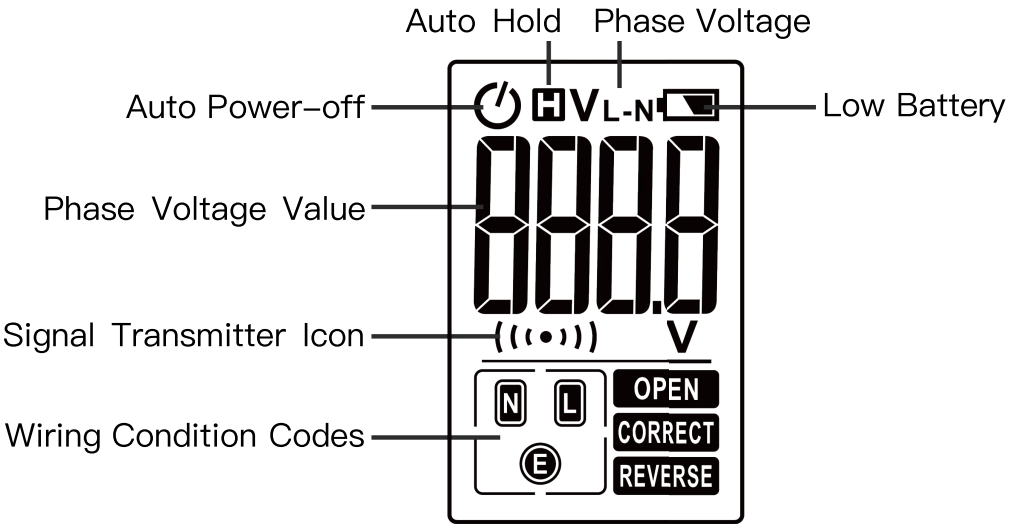
- Prior to use, always verify tester operation by testing on a known live and correctly wired electrical outlet.
- DO NOT use if the tester appears damaged in any way.
- The tester is designed for use with 120V AC electrical systems. DO NOT connect to higher voltage electrical supplies.
- Other equipment or devices attached to the circuit being tested could interfere with the tester, clear the circuit before testing.
- Ground–Fault Circuit Interrupters (GFCI) testing must be performed only when the wiring is correct.
- When testing the GFCI, turn off the devices on the electrical circuit to ensure that de–energizing does not cause any hazards.
- This tester only detects common wiring problems. Always consult a qualified electrician to resolve wiring problems.
- If using accessories to connect to bare wires ensure that the circuit is not energized before inspecting, applying, or removing the transmitter.
- Exercise extreme caution around energized, bare wires, especially when working in or around an open breaker panel.

GENERAL SPECIFICATIONS

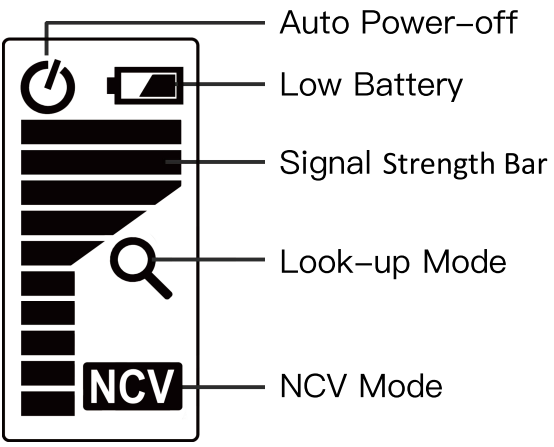
The KAIWEETS KT301 is a digital circuit breaker finder used to locate the correct circuit breaker in a panel to which an electrical outlet or fixture is connected. The transmitter is connected to the electrical outlet or fixture in the circuit while the receiver is used to scan the breakers in the circuit breaker panel.

Operating Voltage: ..... 90V to 120V AC, 50/60Hz
Operating Altitude: .....6562 ft. (2000m)
Relative Humidity: .....<90% non-condensing
Operating Temp: .....32° to 122°F (0° to 50°C)
Storage Temp: .....-4° to 122°F (-20° to 50°C)
Phase Voltage Range: .....30V to 150V/ 45 to 65Hz
Battery : .....4 x 1.5V Alkaline (included)
Auto-Power Off: .....After 5 minutes of inactivity

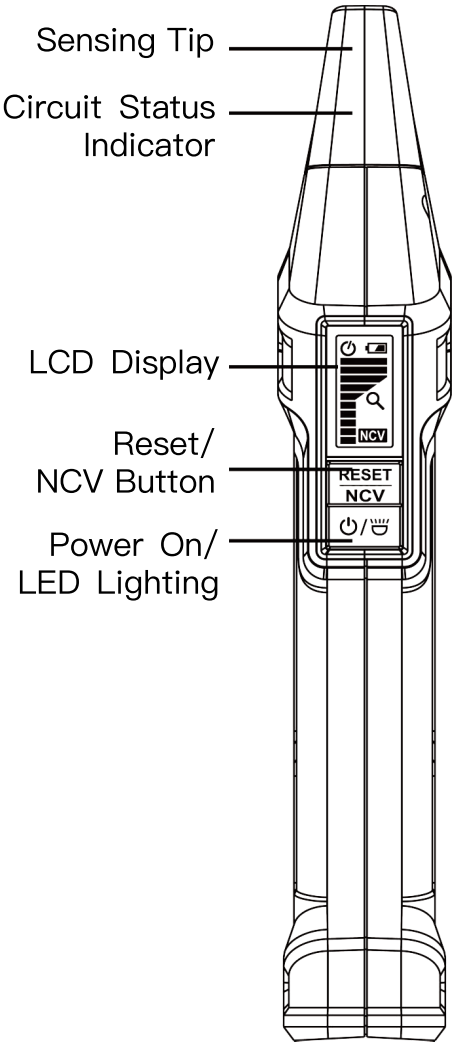
FEATURE DETAILS



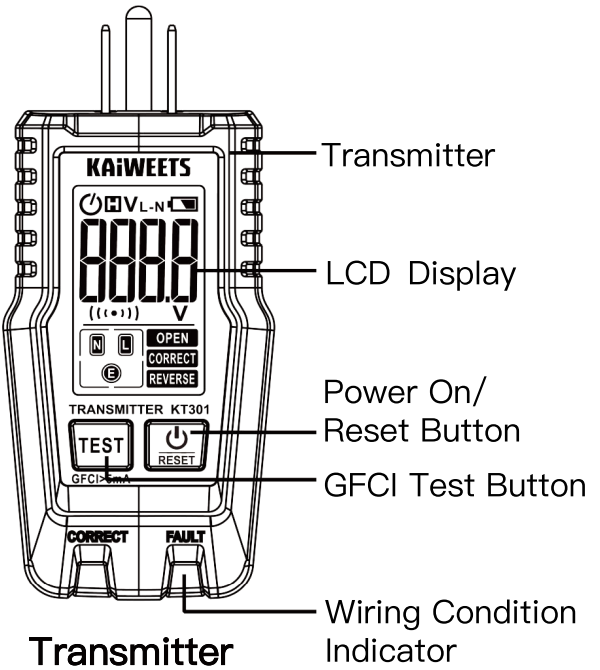
Receiver Display



Transmitter Display



Receiver



Transmitter

OPERATING INSTRUCTION

Power On/Off

1) Press and hold the receiver “ ” Button to turn the receiver on or off. The green light on the sensing tip will illuminate, accompanied by a beeping sound, indicating the unit is powered on. The receiver will automatically power off after 5 minutes of inactivity.
2) Press and hold the transmitter “

” Button to turn the transmitter on and off. The transmitter will automatically power off after 5 minutes of inactivity.

WIRING CONDITION

Plug transmitter into the electrical outlet being tested. If the outlet wiring is incorrect, the display will illuminate with an orange backlight, signaling a wiring error. Refer to the LCD display to identify the specific wiring issue (See the function cross-reference), then unplug the transmitter.

NOTE: *Even if the wiring is correct, the orange backlight will illuminate if the voltage is below 85V or above 135V, indicating that the line voltage is outside the normal range.*

NOTE: *If the transmitter indicates that the outlet is NOT wired correctly, consult a qualified electrician.*

NOTE: *All appliances or equipment on the circuit being tested should be unplugged to help reduce the possibility of erroneous readings.*

Function Cross-reference

DISPLAY	CONDITION
Live & Neutral & Ground – Correct	Correct wiring
Ground – Open	Open Ground
Neutral – Open	Open Neutral
Live – Open	Missing Live
Live & Ground – REVERSE	Live & Ground Reversed
Live & Neutral – REVERSE	Live & Neutral Reversed
Live & Neutral & Ground – REVERSE	Live & Ground Reversed Open Ground

Finding Circuit Breakers

1) Prepare the Transmitter

Turn on the transmitter and plug it into the electrical outlet. Check the transmitter screen and indicator lights, the transmitter will actively send a signal for the receiver to detect only if all of the following conditions are met for a circuit breaker lookup.

- The "CORRECT" appears on the screen.
- The Signal Transmitter Icon " ((•)) " flashes.
- The screen is backlit in green.
- The green wiring status indicator lights up.

⚠ *If the transmitter indicates that the outlet is NOT wired correctly, cease testing and consult a qualified electrician.*

2) Scan once to LEARN

Turn on the receiver. Before approaching the electrical panel, press the " RESET/NCV " button once to reset the receiver. Hold the receiver so the sensing tip is perpendicular and close to each breakers, and scan across all breakers in the panel once.

★ **Very Important:**

Ignoring any audible or visual indications during the first scan —this is the learning phase. So multiple signals may appear, which is normal.

Make sure to scan the entire breaker panel to allow the receiver to fully learn the signal environment.

3) Scan again to LOCAT

Scan all breakers a second time.

When the breaker connected to the transmitter is approached, the beeping frequency will gradually increase. When the correct breaker is identified:

- The beeping will become continuous.
- The LCD backlight and circuit status indicator will turn red.
- The signal strength bar will be full.

4) Power off the breaker

After turning off the identified breaker, the circuit is de-energized, and the transmitter's Wiring Condition Indicator will switch from steady on to flashing, confirming that the correct breaker has been turned off.

NOTE: *Resetting the receiver erases prior scanning data stored from a previously 'learned' panel. Always reset the receiver away from the electrical panel to ensure that electrical signals are not being sensed during the reset operation.*

NCV Test

1) Activate NCV Mode

Turn on the receiver. Press and hold the " RESET NCV " button until "NCV" appears on the screen.

2) Detect voltage present

Position the Sensing Tip near the object being tested.

If a live voltage is detected:

- The device will emit a beep.
- The LCD backlight and circuit status indicator will turn red.
- The signal strength bar will adjust based on the detected voltage signal.

GFCI Test

⚠ *If the transmitter indicates that the outlet is not wired correctly, DO NOT attempt to test the GFCI device. Consult a qualified electrician.*

To test the GFCI device, press and hold the “ TEST ” button on the transmitter for more than 2 seconds.

Following the test:

- If the GFCI device trips, de-energizing the circuit, the display will show “PAS” and the Wiring Condition Indicator will flash, confirming a successful trip.
- If the circuit remains Energized, the GFCI device did not trip. This may indicate incorrect wiring, improper installation, or a malfunctioning GFCI device. In this case, consult a qualified electrician.

Outlet Voltage Test

Plug the transmitter into the electrical outlet.

The LCD screen will show the outlet voltage in volts (V).

LED Lighting

Press and hold the “ ⏻/☰ ” button to turn on the receiver.

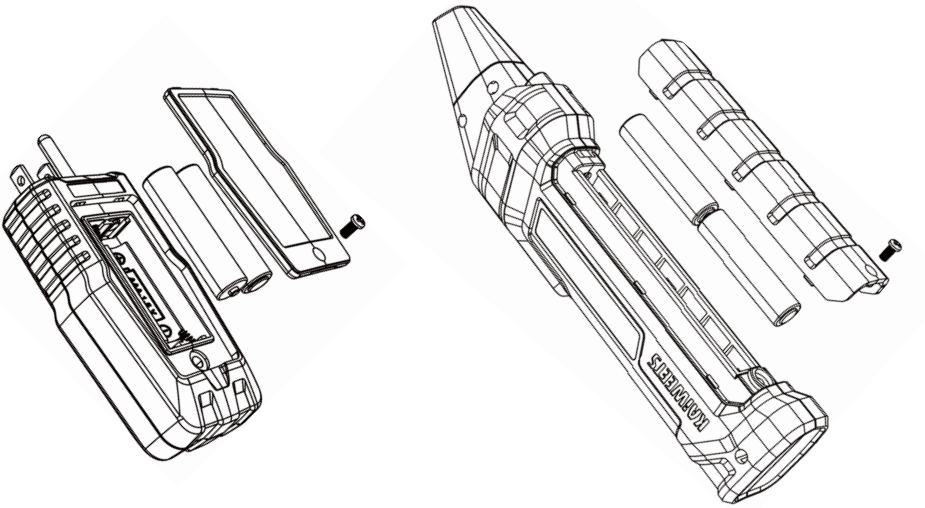
Short press the “ ⏻/☰ ” button to toggle the light on or off.

Auto Power-off

The transmitter and receiver will automatically shut down after approximately 5 minutes of inactivity.

Battery Replacement

When the low-battery symbol appears on the LCD display or the device cannot power on, replace the batteries promptly to ensure accurate readings.



Three Years Warranty

Manufacturer: Shenzhen Wanhe Innovation Technology Co., Ltd.

Address: 2nd Floor, Building D, No. 2, Tengfeng 1st Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen

Email: support@kaiweets.com

EC REP
CET PRODUCT SERVICE SP. Z O.O.
Ul. Dluga 33 102,95-100 Zgierz,Poland
Email: info@cetproduct.com Tel: +48 791019706

UK REP
YH Consulting Limited
C/O YH Consulting Limited Office 147, Centurion House,
London Road, Staines-upon-Thames,Staines, Surrey,
London, TW18 4AX
+44 07514-677868
H2YHUK@gmail.com