

ANKO ANKPS-301-4P

ANKO GFCI Outlet 20 Amp 4 Pack User Manual

Brand: ANKO | Model: ANKPS-301-4P

1. SAFETY INFORMATION

Important Warnings

- **To prevent severe shock or electrocution, always turn the power off at the service panel before working with the wiring.**
- Use this GFCI receptacle with copper or copper-clad wire. **Do not use aluminum wire.**
- For installation in wet locations, protect the GFCI receptacle with a weatherproof cover that will keep both the receptacle and any plugs dry.
- Always consult a qualified electrician if you are unsure about any part of the installation process.



Image: The tamper-resistant design of the GFCI outlet helps prevent accidental insertion of foreign objects by children, enhancing safety.

2. PRODUCT OVERVIEW

The ANKO GFCI Outlet is a high-quality, tamper-resistant, and weather-resistant receptacle designed to provide enhanced electrical safety in both indoor and outdoor environments. It features an LED indicator for status monitoring and performs automatic self-tests to ensure continuous ground fault protection.



Image: Overview of the ANKO GFCI Outlet, detailing its UL listing, tamper and weather resistance, electrical ratings, self-test capability, and wiring options.

Key Features

- GFCI Protection:** Constructed with premium high-impact resistant thermoplastic materials, ensuring superior strength and durability. Designed to meet local and national electrical codes.
- Safety:** UL-Listed YGB-095WR, 20 Amp, 125 Volt, 60HZ. Tamper-Resistant Receptacle prevents children from inserting unwanted objects.
- Weather Resistant:** Advanced UV stabilized engineering provides superior corrosion, temperature, and UV resistance, preventing discoloration and aging. Ideal for outdoor and indoor use in areas subject to moisture.
- Self-Test Function:** Automatically conducts a Self-Test every 40 seconds to ensure continuous ground fault protection.
- LED Indicator:** Two indicator lights provide intuitive feedback on power and protection status (green for proper function, red for end-of-life).
- Easy Installation:** Can be easily installed in an electric box, with included unbreakable polycarbonate decorator wall plates and screws.

3. SPECIFICATIONS

Attribute	Value
Product Dimensions	10.67 x 4.57 x 4.06 cm
Weight	699 g
Manufacturer	ANKO
ASIN	B085W95DXB
Manufacturer Reference	ANKPS-301-4P

Attribute	Value
Brand	ANKO
Colour	White
Material	Plastic, Thermoplastic
Total Power Outlets	2
Voltage	125 Volts
Amperage	20 Amps
UPC	638183948767



Image: Detailed dimensions of the GFCI outlet and the standard wall plate for proper fit and installation planning.

4. INSTALLATION

Pre-Installation Checklist

- Ensure power is OFF at the circuit breaker or fuse box.
- Verify the existing electrical box is suitable for the GFCI outlet.
- Have necessary tools: screwdriver, wire strippers, electrical tape.
- Confirm you are using copper or copper-clad wiring.

Wiring Diagrams and Steps

The ANKO GFCI outlet supports both back and side wiring. Follow the appropriate diagram based on your electrical setup.

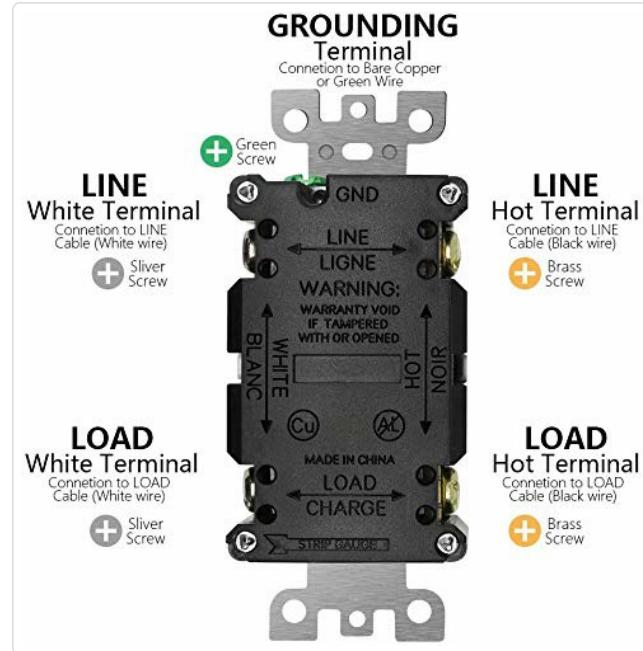


Image: Terminal identification for wiring the GFCI outlet, including grounding, line (incoming power), and load (outgoing power to other receptacles) connections.

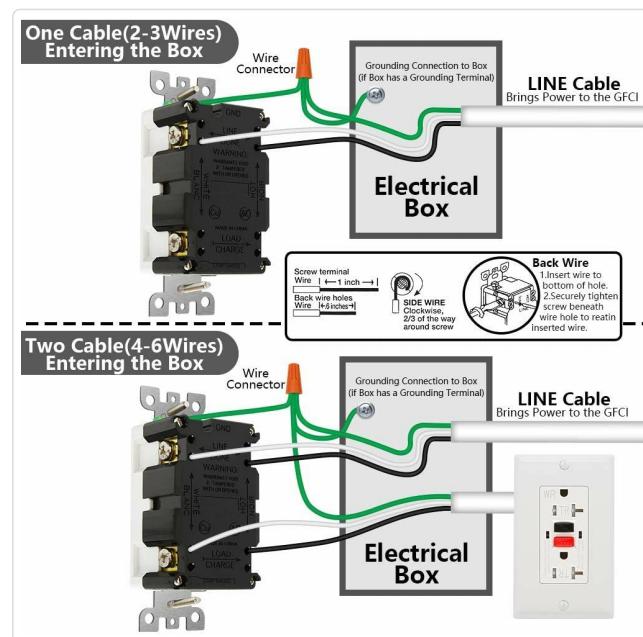


Image: Visual guide for connecting the GFCI outlet in both single-cable and multi-cable electrical box configurations, showing line and load connections.

- Turn Off Power:** Locate the circuit breaker controlling the outlet and switch it to the OFF position. Verify power is off using a voltage tester.
- Remove Old Outlet:** Carefully remove the existing wall plate and unscrew the old outlet from the electrical box. Disconnect the wires.
- Identify Wires:** Identify the LINE (incoming power) wires and LOAD (outgoing power to other outlets on the same circuit) wires. If unsure, consult a professional.
- Connect Wires:**
 - Connect the LINE (hot/black) wire to the brass LINE terminal.
 - Connect the LINE (neutral/white) wire to the silver LINE terminal.
 - Connect the LOAD (hot/black) wire to the brass LOAD terminal (if applicable).
 - Connect the LOAD (neutral/white) wire to the silver LOAD terminal (if applicable).
 - Connect the bare copper or green insulated GROUND wire to the green grounding screw.

5. **Secure Outlet:** Gently fold the wires into the electrical box and secure the GFCI outlet with the provided screws.
6. **Install Wall Plate:** Attach the decorator wall plate.
7. **Restore Power:** Turn the power back ON at the circuit breaker.
8. **Test GFCI:** Press the TEST button, then the RESET button. The GFCI should trip and reset, indicating proper function.



Image: An example of installing the GFCI outlet into a weatherproof outdoor electrical box.

5. OPERATION

GFCI Functionality

A GFCI (Ground Fault Circuit Interrupter) receptacle is designed to protect against electrical shock by detecting ground faults. When a ground fault is detected (e.g., electricity flowing through an unintended path, such as a person's body), the GFCI will trip within a fraction of a second, interrupting the flow of electricity to prevent serious injury.

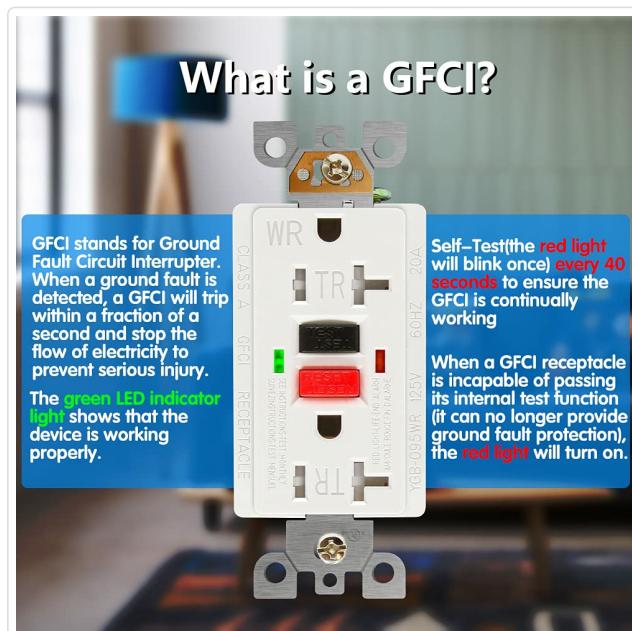


Image: Explanation of GFCI operation, including the definition of a ground fault and the meaning of the green and red indicator lights.

Self-Test and Indicator Lights

- **Automatic Self-Test:** The GFCI outlet automatically conducts a self-test (the red light will blink once) every 40 seconds to ensure it is continually working and providing protection.
- **Green Indicator Light:** If the indicator (LED) glows green, it signifies that the GFCI receptacle is installed correctly and is working properly.
- **Red Indicator Light:** When the GFCI receptacle reaches the end of its life or is incapable of passing its internal test function (meaning it can no longer provide ground fault protection), the red indicator light will turn on. This reminds you to replace the outlet promptly.
- **TEST Button:** Press this button to manually test the GFCI's tripping function. The power to the connected devices should cut off.
- **RESET Button:** After a trip (either from a ground fault or a test), press this button to restore power to the outlet.

6. MAINTENANCE

The ANKO GFCI Outlet requires minimal maintenance. Regular testing is the most important aspect of ensuring its continued safety and functionality.

- **Monthly Testing:** It is recommended to test your GFCI outlets monthly. Press the TEST button, then the RESET button. The outlet should trip and then reset. If it does not trip, or if it does not reset, the GFCI is faulty and should be replaced immediately.
- **Cleaning:** To clean the surface of the GFCI outlet and wall plate, use a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or internal components. Ensure power is off before cleaning.
- **Inspection:** Periodically inspect the outlet and wall plate for any signs of damage, cracks, or discoloration. If any damage is observed, replace the unit.

7. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
GFCI will not reset	Ground fault present; Mis-wired; End of life.	Unplug all appliances from the GFCI and try to reset. If it resets, an appliance is faulty. If not, check wiring for errors (LINE/LOAD reversal). If still no reset, the GFCI may be at its end of life and needs replacement.
GFCI trips frequently	Faulty appliance; Moisture in the circuit; Overload.	Identify and unplug the faulty appliance. Ensure the outlet is protected from moisture in wet locations. Reduce the load on the circuit.

Problem	Possible Cause	Solution
No power to outlet	Circuit breaker tripped; GFCI tripped; Incorrect wiring.	Check and reset the circuit breaker. Press the RESET button on the GFCI. Verify wiring connections are secure and correct (LINE and LOAD are not reversed).
Red indicator light is on	GFCI has reached its end of life.	The GFCI outlet needs to be replaced immediately to ensure continued protection.

8. WARRANTY AND SUPPORT

For specific warranty information regarding your ANKO GFCI Outlet, please refer to the packaging or contact ANKO customer support directly. Keep your purchase receipt as proof of purchase.

If you encounter any issues or have questions not covered in this manual, please reach out to ANKO customer service for assistance. Contact details are typically available on the product packaging or the manufacturer's official website.