

[Manuals.plus](#) /

› [Kircuit](#) /

› Kircuit 2-Pin 48V AC/DC Adapter HW-100-48AC14D User Manual

Kircuit HW-100-48AC14D

Kircuit 2-Pin 48V AC/DC Adapter User Manual

Model: HW-100-48AC14D

1. INTRODUCTION

This manual provides essential information for the safe and proper use of your Kircuit 2-Pin 48V AC/DC Adapter. Please read these instructions carefully before using the product and retain them for future reference.

Key features of this adapter include:

- Designed for reliable power delivery.
- Wide input voltage range (100V-240V AC) for versatile use.
- Integrated safety features including dynamic IC, charger IC, and power fuse for overcharge protection.

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your Kircuit AC/DC adapter.

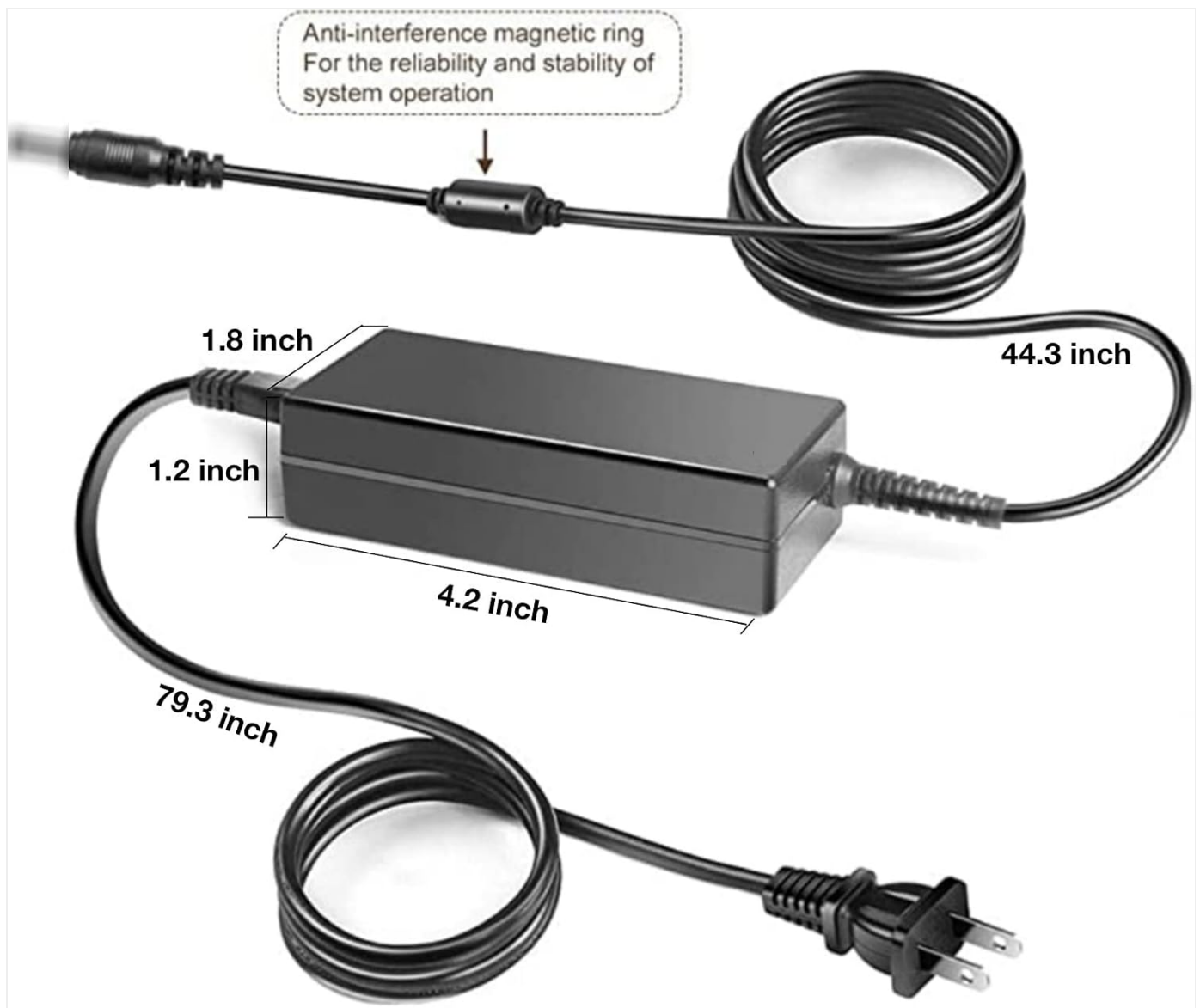


Figure 2.1: Kircuit 2-Pin 48V AC/DC Adapter. This image shows the main adapter unit with its attached cables, illustrating its compact design.



Figure 2.2: Adapter with power and output cables. This view highlights the complete adapter unit, including the power cord for wall connection and the output cable with its 2-pin connector.



Figure 2.3: Detail of the 2-Pin power plug. This image provides a close-up of the 2-pin connector, emphasizing its design for secure and stable connection to the power source.

Durable design



Figure 2.4: Built-in Safety Protections. This diagram illustrates the various safety features integrated into the adapter, including short circuit, excess voltage, over temperature, and overcurrent protection.

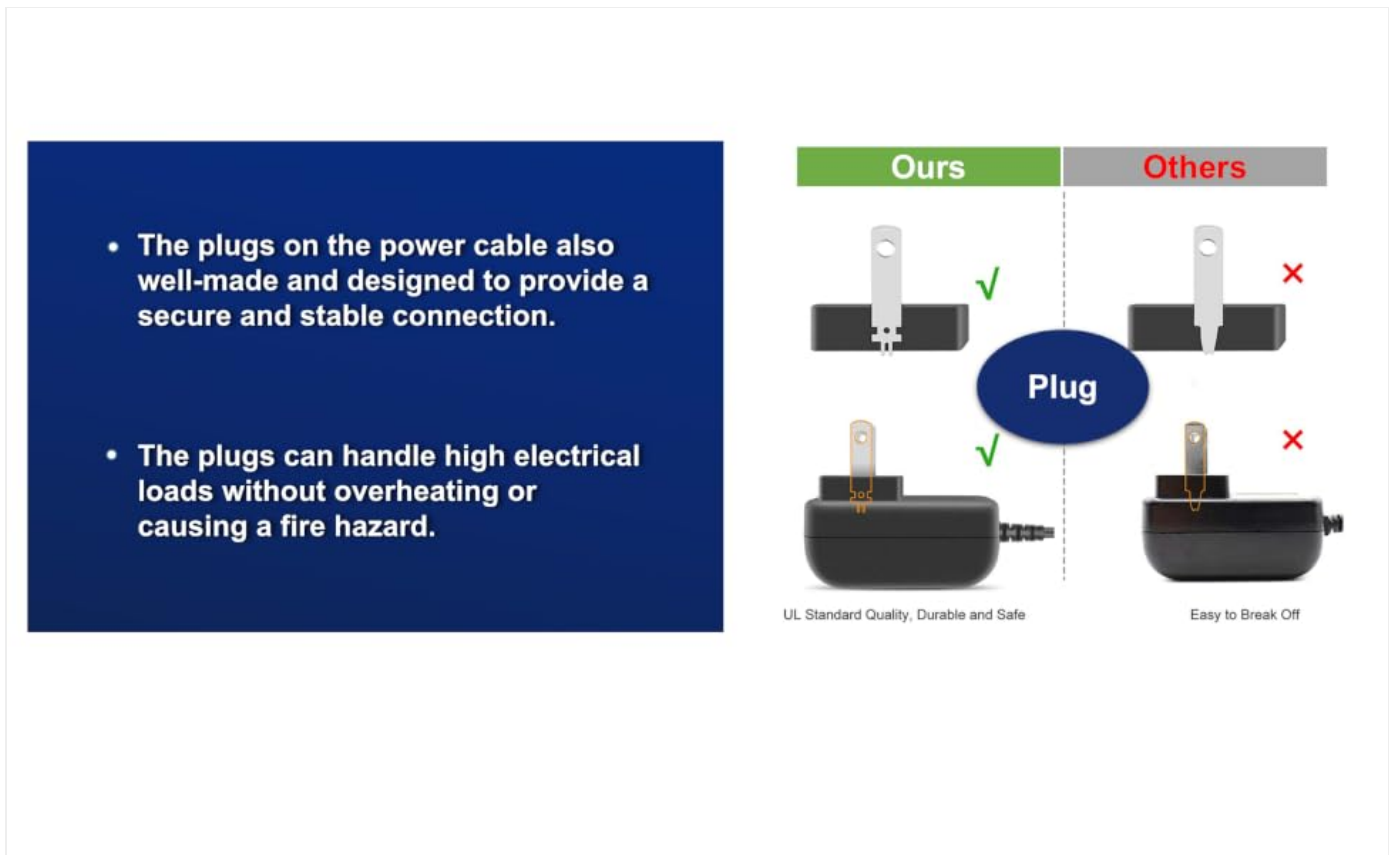


Figure 2.5: Durable Cable Design. This image highlights the robust construction of the power cable, featuring high-quality materials and thick insulation for protection against wear, tear, and high temperatures.

Why choose Kircuit ?



Kircuit adapters have a wide range of product offerings that are compatible with various device types, power requirements, and connector standards. Kircuit adapters have a strong quality control process in place to ensure our products meet the highest standards of safety and performance.

Figure 2.6: Secure Plug Design. This comparison shows the well-made and durable design of the Kircuit adapter's plugs, ensuring a stable connection and safe handling of electrical loads.

3. SETUP INSTRUCTIONS

1. **Unpack the Adapter:** Carefully remove the Kircuit 2-Pin 48V AC/DC Adapter from its packaging. Inspect for any visible damage.
2. **Connect to Device:** Identify the power input port on your device that requires a 48V DC power supply. Connect the 2-pin output connector of the Kircuit adapter to this port. Ensure a firm and secure connection.
3. **Connect to Power Outlet:** Plug the 2-pin AC input plug of the adapter into a standard 100V-240V AC wall outlet. Ensure the outlet is easily accessible and not overloaded.
4. **Verify Connection:** Once connected, check if your device powers on or indicates that it is receiving power.



Figure 3.1: Adapter in use, connected to a power outlet. This image demonstrates the adapter properly plugged into a wall socket, ready to supply power to a device.

4. OPERATING INSTRUCTIONS

The Kircuit 2-Pin 48V AC/DC Adapter is designed for continuous operation within its specified voltage and current limits. Once properly connected, it will supply stable 48V DC power to your compatible device.

- Ensure the adapter's output specifications (48V DC, 2.08A) match the power requirements of your device. Using an adapter with incorrect specifications can damage your device.
- The adapter is designed to operate with an input voltage between 100V and 240V AC. It automatically adjusts to the local voltage.
- Avoid placing the adapter in enclosed spaces where heat can build up. Adequate ventilation is important for optimal performance and longevity.

5. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cables for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is found, discontinue use immediately and replace the adapter.

6. TROUBLESHOOTING

If you encounter issues with your Kircuit AC/DC Adapter, refer to the following common solutions:

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly connected; power outlet issue; device fault; incorrect adapter.	Ensure all connections are secure. Test the power outlet with another device. Verify the adapter's specifications match your device's requirements. Test the device with another known-good power source if possible.
Adapter feels excessively hot.	Overload; poor ventilation; internal fault.	Disconnect immediately. Ensure the adapter is not covered and has adequate airflow. Verify the device's power draw does not exceed the adapter's capacity. If the issue persists, discontinue use.
Intermittent power to device.	Loose connection; damaged cable.	Check all connections for tightness. Inspect cables for damage. If cables are damaged, replace the adapter.

If these steps do not resolve the issue, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model	HW-100-48AC14D
Brand	Kircuit
Input Voltage	100V-240V AC
Output Voltage	48V DC
Output Current	2.08A
Connector Type	2-Pin
Special Feature	Portable, Travel
Color	White
Manufacturer	Shenzhen Waweis Technology Co., Ltd

8. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Do not expose the adapter to water, rain, or excessive moisture.
- Do not disassemble or modify the adapter. This can lead to electric shock or fire.
- Avoid using the adapter in extremely hot or cold environments.
- Keep the adapter away from children and pets.
- Ensure the power outlet is properly grounded and matches the adapter's voltage requirements.
- Do not use the adapter if the cables are damaged or frayed.
- Unplug the adapter during lightning storms or when unused for extended periods.

9. WARRANTY AND SUPPORT

This Kircuit product is designed for reliability. For information regarding warranty coverage and customer support, please refer to the documentation provided at the time of purchase or contact your retailer.

Typical return policies allow for returns within 30 days of purchase. Extended protection plans may also be available for purchase separately.

© 2026 Kircuit. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B099N995DT>

More documents and user manuals: <https://manuals.plus/>