

Kircuit 12V AC/DC Adapter

Kircuit 12V AC/DC Adapter for ORICO 6528US3-C Hard Drive Enclosure User Manual

MODEL: 12V AC/DC ADAPTER

Brand: Kircuit

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your Kircuit 12V AC/DC Adapter. This adapter is designed to provide stable power to compatible devices, such as the ORICO 6528US3-C 2.5" / 3.5" Dual Bay SATA Hard Drive Enclosure with Duplicator. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- Use the adapter only with devices that require 12V DC input and a current draw of 4A or less. Exceeding these specifications can damage the adapter or the connected device.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Ensure the power outlet is easily accessible and unplug the adapter during electrical storms or when unused for long periods.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The Kircuit 12V AC/DC Adapter consists of a main power brick, an AC input cable, and a DC output cable with a barrel connector.



Figure 3.1: The Kircuit 12V AC/DC power adapter, showing the main power brick, the detachable AC input cable (with a two-prong plug), and the integrated DC output cable with a barrel connector.

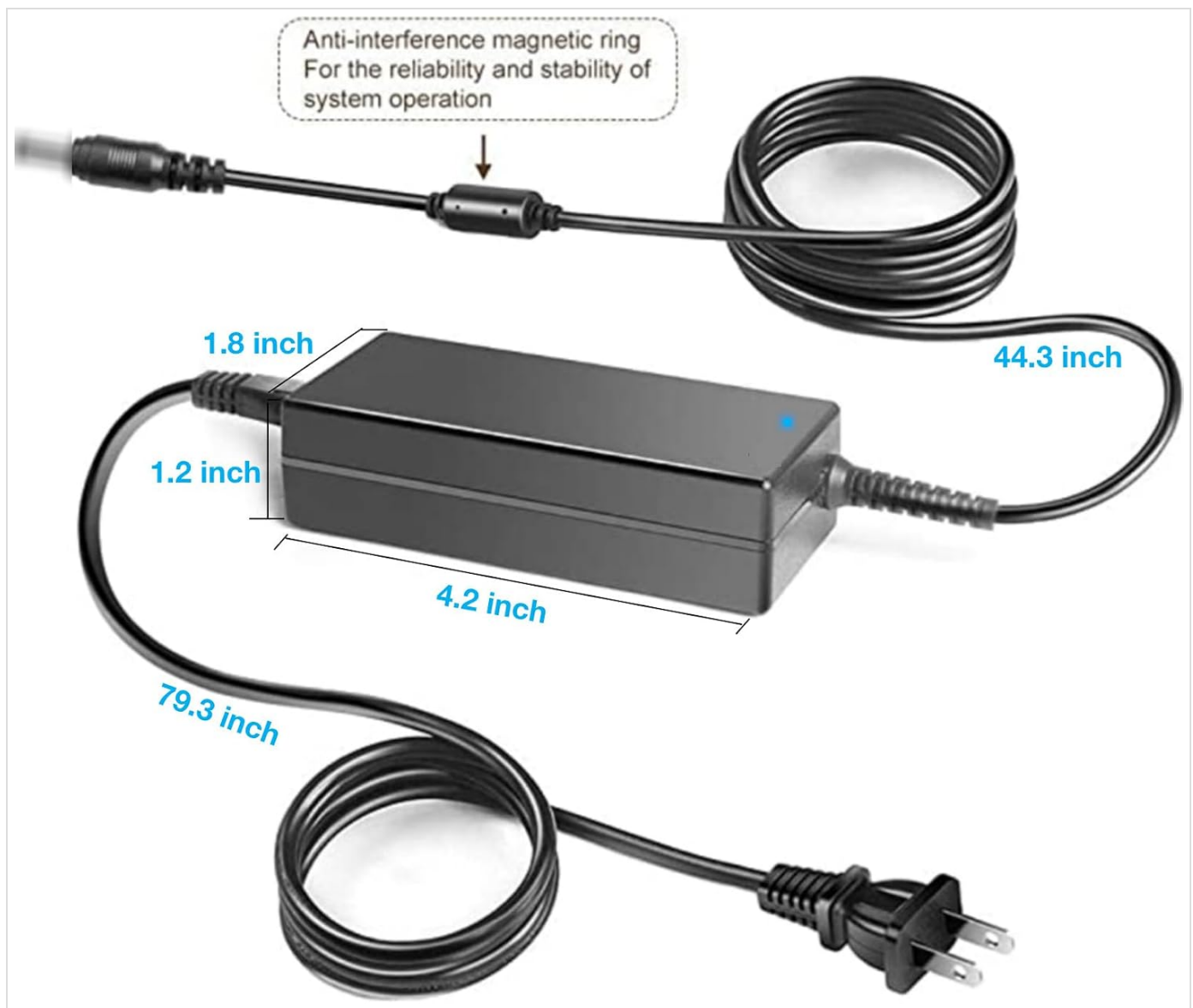


Figure 3.2: Detailed view of the adapter with key dimensions. The power brick measures approximately 4.2 inches in length, 1.8 inches in width, and 1.2 inches in height. The DC output cable is approximately 79.3 inches long, and the AC input cable is approximately 44.3 inches long. An anti-interference magnetic ring is visible on the DC output cable, designed to enhance system reliability and stability.



Figure 3.3: A top-down view displaying the main power brick, the detachable AC input cable, and the integrated DC output cable. This image highlights the separate components before assembly.

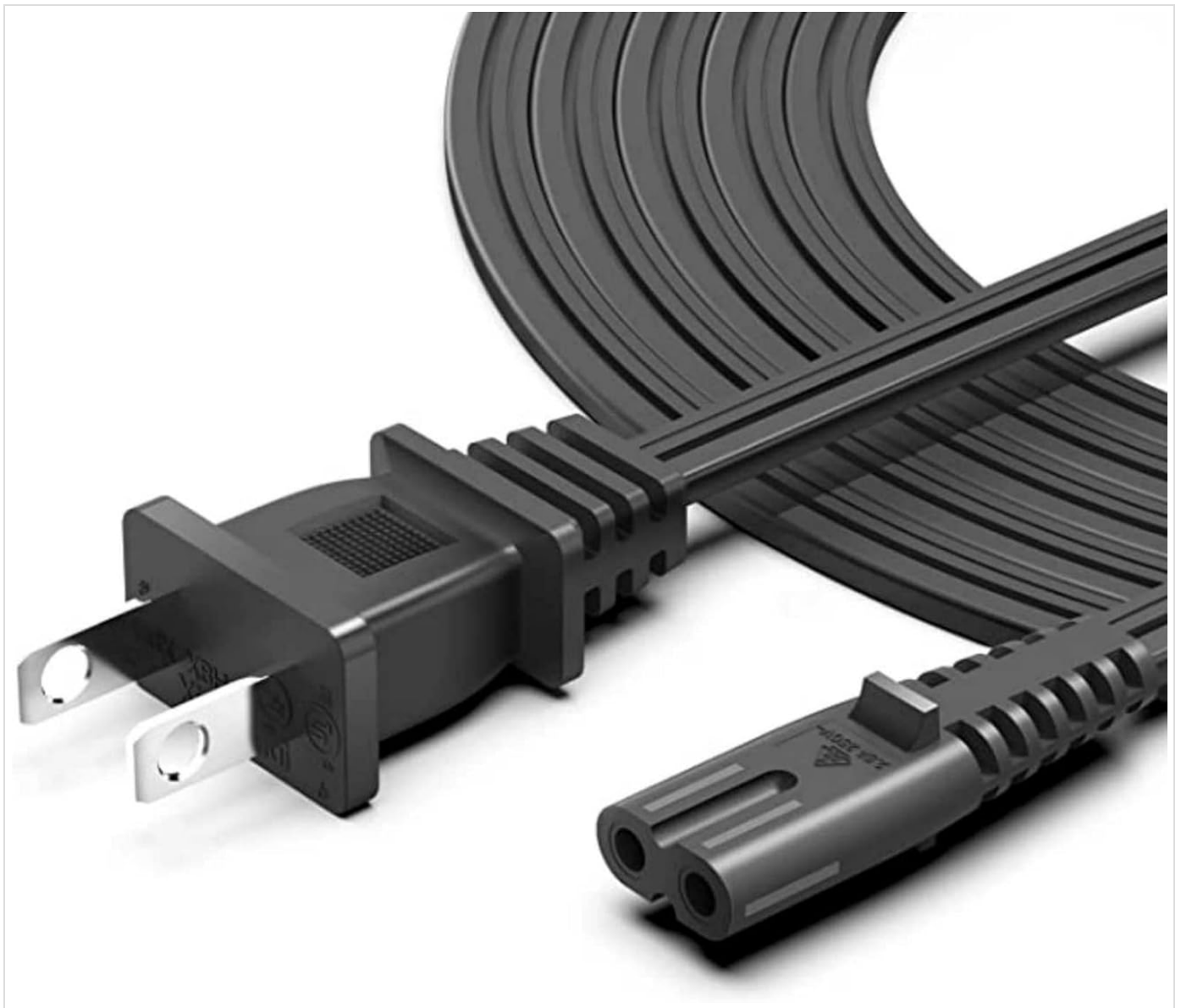


Figure 3.4: A close-up view of the AC input cable, showing the two-prong plug designed for standard wall outlets and the C7 connector that plugs into the power brick.



Figure 3.5: The Kircuit 12V AC/DC adapter in an operational setting, with the AC input cable plugged into a wall outlet and the power brick resting on a surface. This demonstrates a typical usage scenario.

4. SPECIFICATIONS

Feature	Detail
Brand	Kircuit
Input Voltage	100V-240V AC
Output Voltage	12V DC
Output Current	4A (4000mA)
Power Source	Corded Electric
Main Power Connector Type	2 Pin (for AC input)

Feature	Detail
Special Feature	Travel-friendly design
Safety Features	Dynamic IC, Charger IC & Power fuse for rapid charging and over charge protection.

5. SETUP INSTRUCTIONS

- 1. Unpack the Adapter:** Carefully remove the Kircuit 12V AC/DC Adapter and its components from the packaging.
- 2. Connect the AC Input Cable:** Insert the C7 connector end of the AC input cable firmly into the corresponding port on the main power brick.
- 3. Connect to Power Outlet:** Plug the two-prong end of the AC input cable into a standard 100V-240V AC wall outlet.
- 4. Connect to Device:** Insert the barrel connector of the DC output cable into the 12V DC input port of your compatible device (e.g., ORICO 6528US3-C Hard Drive Enclosure). Ensure the connection is secure.
- 5. Verify Power:** Once connected, your device should receive power. Check for any power indicator lights on your device or the adapter (if present).

6. OPERATING INSTRUCTIONS

Once the adapter is properly set up and connected to your device and a power source, it will continuously supply power. There are no specific operational controls on the adapter itself.

- Ensure the adapter is always connected to a stable power source.
- For optimal performance, avoid overloading the adapter by connecting it to devices that exceed its 12V 4A output rating.
- When disconnecting, always pull from the plug, not the cable.

7. MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the surface of the adapter. 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 extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the cables and connectors for any signs of wear, cuts, or damage. If any damage is observed, discontinue use and replace the adapter.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not receiving power.	◦ Adapter not plugged into wall outlet. ◦ AC input cable not securely connected to power brick. ◦ DC output cable not securely connected to device. ◦ Wall outlet is not functioning. ◦ Device requires different voltage/current. ◦ Damaged adapter or cables.	◦ Ensure all connections are firm. ◦ Test the wall outlet with another appliance. ◦ Verify your device's power requirements match the adapter's output (12V DC, 4A). ◦ If cables or adapter are visibly damaged, discontinue use and replace.
Adapter feels excessively hot.	◦ Overload (device drawing too much current). ◦ Poor ventilation.	◦ Disconnect the device and verify its power requirements. Ensure it does not exceed 12V 4A. ◦ Ensure the adapter is in a well-ventilated area, not covered. ◦ If overheating persists, discontinue use.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your proof of purchase for warranty claims.

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.

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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