Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Kircuit Kircuit 12V AC/DC Adapter

Kircuit 12V AC/DC Adapter User Manual

For RCA Portable Projectors (RPJ602, RPJ241, RPJ205, RPJ166 Series)

1. Introduction

This manual provides essential information for the safe and effective use of your Kircuit 12V AC/DC Adapter. This power supply is designed to convert standard AC wall power into the DC power required by compatible RCA portable projectors, enabling operation and battery charging. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

- Ensure the adapter is used with devices that match its voltage and current specifications. Using an incompatible adapter may damage the device.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to disassemble or repair the adapter. Refer servicing to qualified personnel.
- Keep the adapter away from children.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Ensure proper ventilation around the adapter during operation to prevent overheating.

3. Product Overview

The Kircuit 12V AC/DC Adapter consists of a main power brick, an AC input cable (to connect to a wall outlet), and a DC output cable with a barrel connector (to connect to your projector).

Figure 3.1: Overview of the Kircuit 12V AC/DC Adapter, showing the main power unit, the detachable AC power cord, and the integrated DC output cable with a barrel connector.

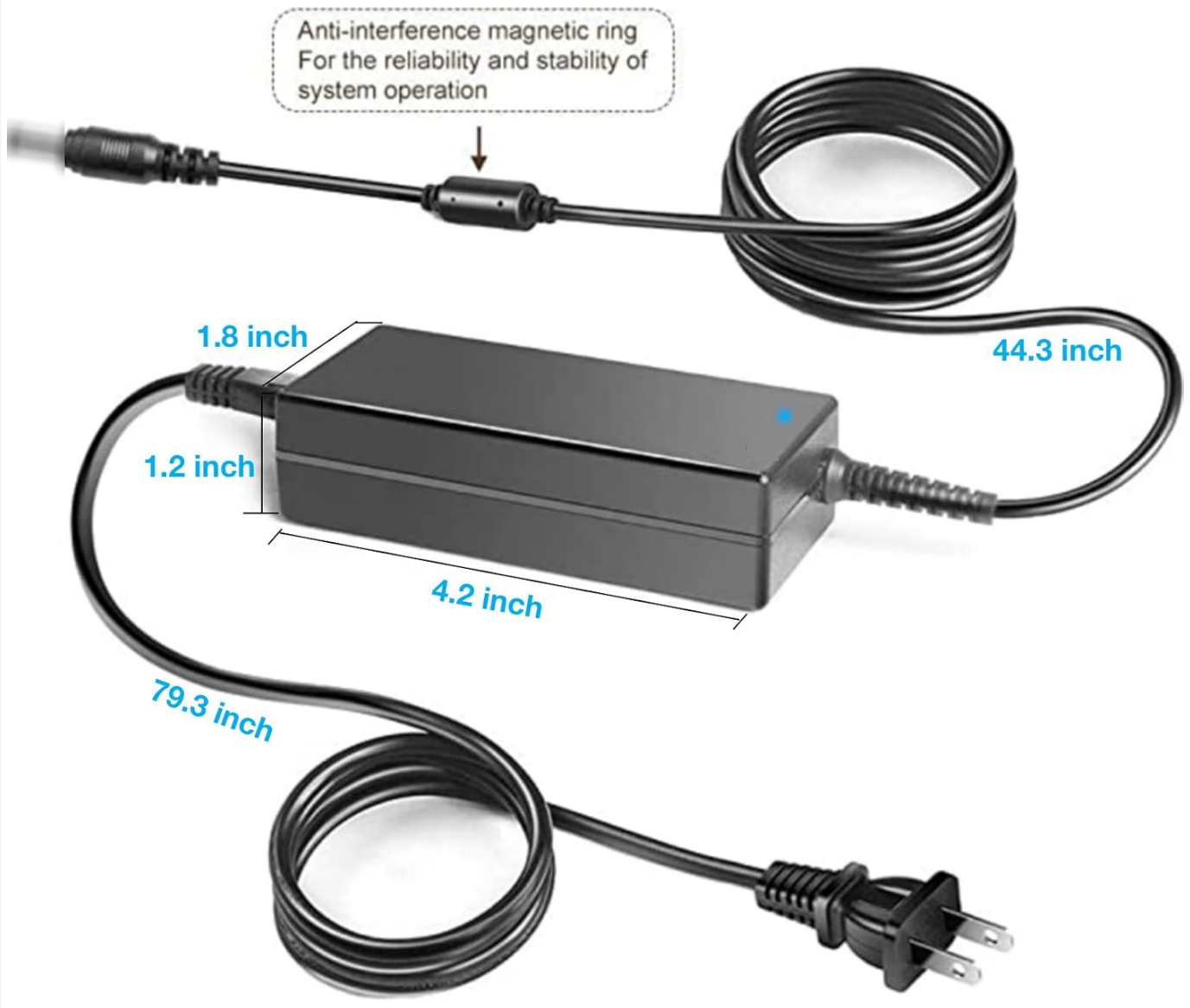

Figure 3.2: Detailed view of the adapter, highlighting its dimensions (approximately 4.2 inches long, 1.8 inches wide, 1.2 inches high) and the anti-interference magnetic ring on the DC output cable, which enhances signal reliability and system stability.

4. Setup Instructions

1. **Connect the AC Input Cable:** Insert the C7 connector end of the AC power cord into the AC input port on the Kircuit adapter unit.
2. **Connect to Projector:** Plug the barrel connector of the DC output cable into the DC input port on your compatible RCA portable projector. Ensure a secure connection.
3. **Connect to Power Outlet:** Insert the two-prong plug of the AC power cord into a standard 100-240VAC 50/60Hz wall outlet.
4. The adapter is now ready to supply power to your projector.

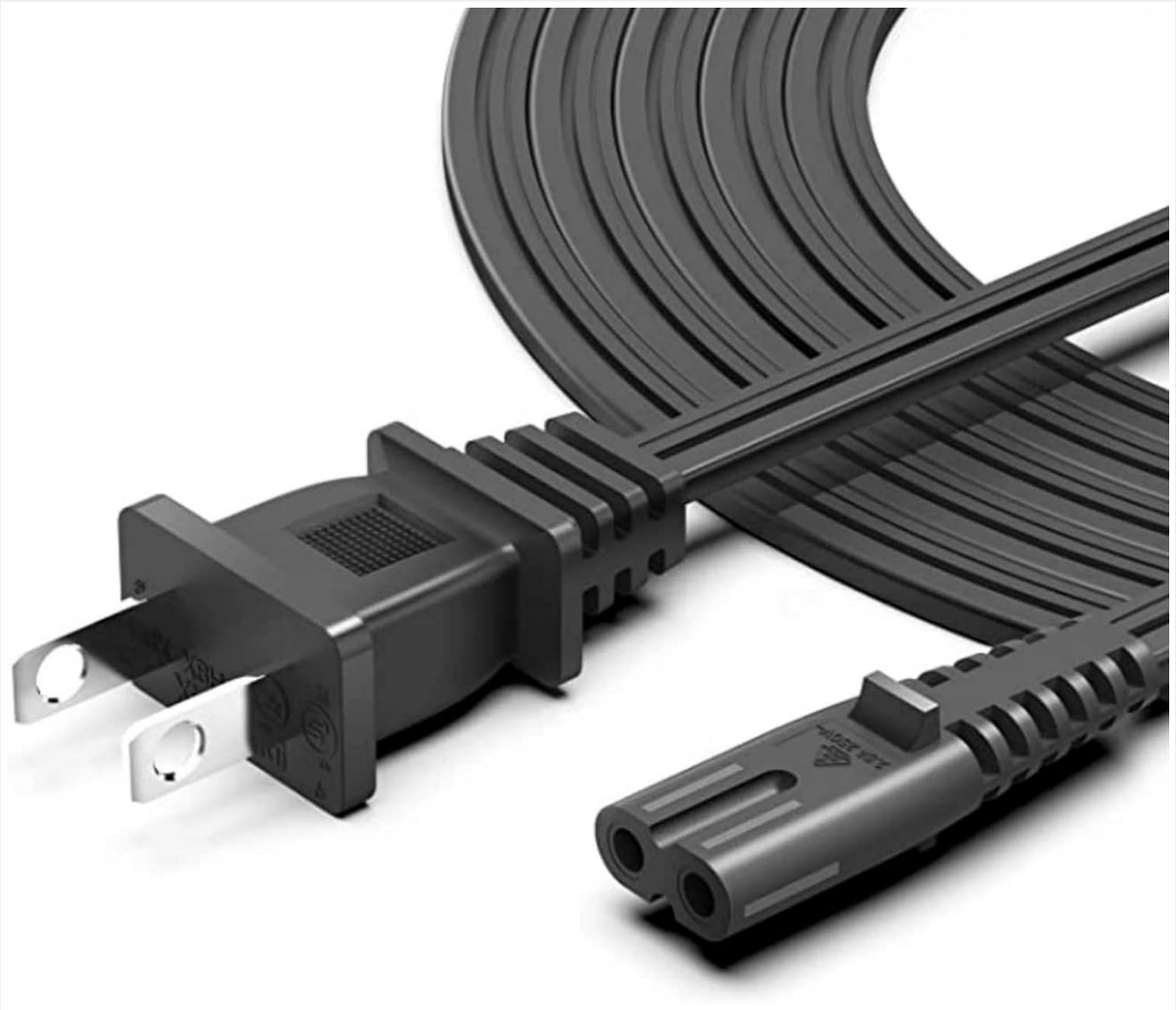

Figure 4.1: Detail of the AC power cord, showing the standard two-prong plug for wall outlets and the C7 connector for the adapter unit.

Figure 4.2: The Kircuit adapter in operation, with the AC cord plugged into a wall outlet and the DC cable connected to a device, illustrating a typical setup.

5. Operating Instructions

Once properly connected, the Kircuit 12V AC/DC Adapter will provide continuous power to your compatible RCA portable projector. If your projector has an internal battery, the adapter will also charge the battery while connected and powered. No additional user interaction is required for the adapter itself during operation.

- Always ensure the adapter is securely connected to both the power outlet and the projector.
- Monitor the adapter for any signs of overheating or unusual behavior. Discontinue use if such issues occur.
- This adapter is compatible with RCA projector models RPJ602, RPJ241, RPJ205, RPJ166, RPJ205-COMBO, RPJ241-COMBO, and RPJ166-COMBO.

6. Maintenance

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior

of the adapter. Do not use liquid cleaners or abrasive materials.

- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly winding the cables to prevent damage.
- **Cable Care:** Regularly inspect the cables for any signs of fraying, cuts, or damage. If any damage is observed, discontinue use immediately and replace the adapter.

7. Troubleshooting

If you experience issues with your Kircuit 12V AC/DC Adapter, please perform the following basic checks:

- **No Power to Projector:**
  - Ensure the AC power cord is firmly plugged into both the wall outlet and the adapter unit.
  - Verify the DC barrel connector is securely inserted into the projector's power input.
  - Test the wall outlet with another device to confirm it is functional.
  - Check for any visible damage to the adapter or cables.
- **Intermittent Power:**
  - Ensure all connections are tight and stable.
  - Avoid bending or stressing the cables, especially near the connectors.
- **Adapter Overheating:**
  - Ensure the adapter has adequate ventilation and is not covered.
  - Confirm that the projector is compatible with the adapter's power output.
  - If overheating persists, discontinue use and contact support.

If these steps do not resolve the issue, please refer to the Warranty and Support section.

8. Specifications

Feature	Description
Input Voltage	100-240VAC, 50/60Hz (Worldwide Compatible)
Output Voltage	12VDC
Protection Features	OVP (Over Voltage Output Protection), OCP (Over Current Output Protection), SCP (Short Circuit Output Protection)
Connector Type	Barrel Connector (DC Output), C7 (AC Input)
Compatible Devices	RCA Projectors: RPJ602, RPJ241, RPJ205, RPJ166, RPJ205-COMBO, RPJ241-COMBO, RPJ166-COMBO
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd

9. Warranty and Support

For warranty information or technical support regarding your Kircuit 12V AC/DC Adapter, please contact the retailer or

manufacturer directly. Keep your purchase receipt as proof of purchase.

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/B0DFYD85PV

More documents and user manuals: **https://manuals.plus/**