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Kircuit MRC-H-01240 / 7759

Kircuit 12V AC/DC Adapter User Manual

Model: MRC-H-01240 / 7759
Brand: Kircuit

1. Introduction

This user manual provides essential information for the safe and effective use of your Kircuit 12V AC/DC Adapter. This adapter is designed to convert AC power from standard electrical outlets into the DC power required by your compatible devices, such as Arcade1Up MRC-H-01240 Marvel Vs Capcom Model 7759 Street Fighter II Head-to-Head Arcade Game Machines and Gaming Tables (MARVCAPTBL). It serves as a reliable power source for operation and battery charging.
Kircuit AC adapters are rigorously tested and designed to meet the power needs of your device, ensuring optimal performance and protection. This adapter has been validated to ensure compatibility and functionality with the specified models.

2. Product Overview

The Kircuit 12V AC/DC Adapter is a high-quality power supply featuring robust construction and built-in safety mechanisms.

Key Features:

- 100% Brand New, High Quality AC/DC Power Charger.
- Input: 100V-240V AC; suitable for replacement or as a travel backup.
- Built-in Dynamic IC, Charger IC, and Power fuse for rapid charging and overcharge protection.

Product Components:



Figure 2.1: The Kircuit 12V AC/DC Adapter unit, showing the main power brick, the detachable AC input cord (with a two-prong plug), and the DC output cable with its barrel connector. The components are neatly coiled.

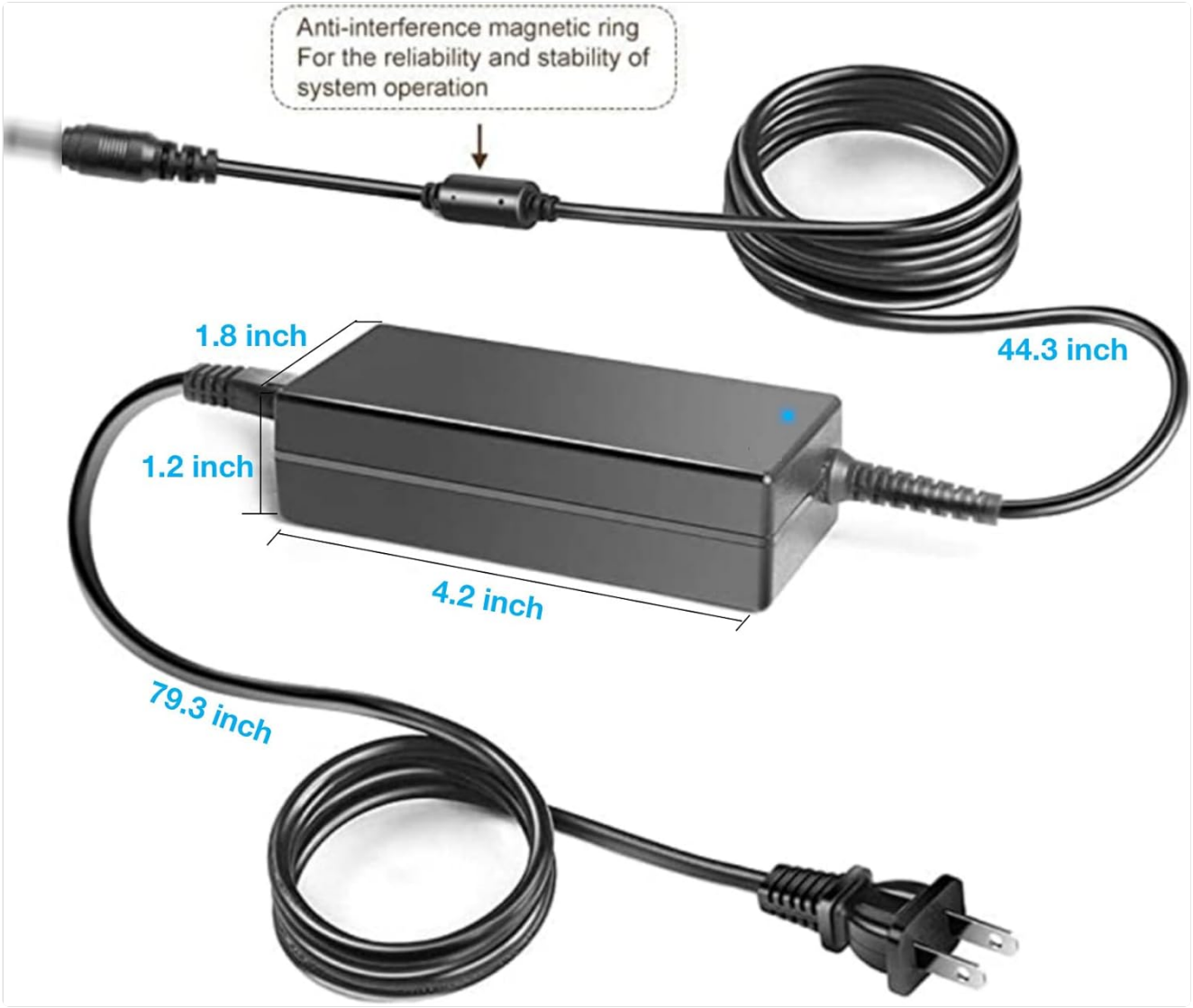


Figure 2.2: Detailed view of the adapter with key dimensions labeled (e.g., 4.2 inches length, 1.8 inches width, 1.2 inches height for the main unit). It also highlights the anti-interference magnetic ring on the DC output cable, designed for system reliability and stability. Cable lengths are also indicated (44.3 inches for AC input, 79.3 inches for DC output).



Figure 2.3: Another perspective of the Kircuit 12V AC/DC Adapter, showing the main adapter unit, the detachable AC power cord, and the DC output cable. The components are laid out to show their full length and connections.

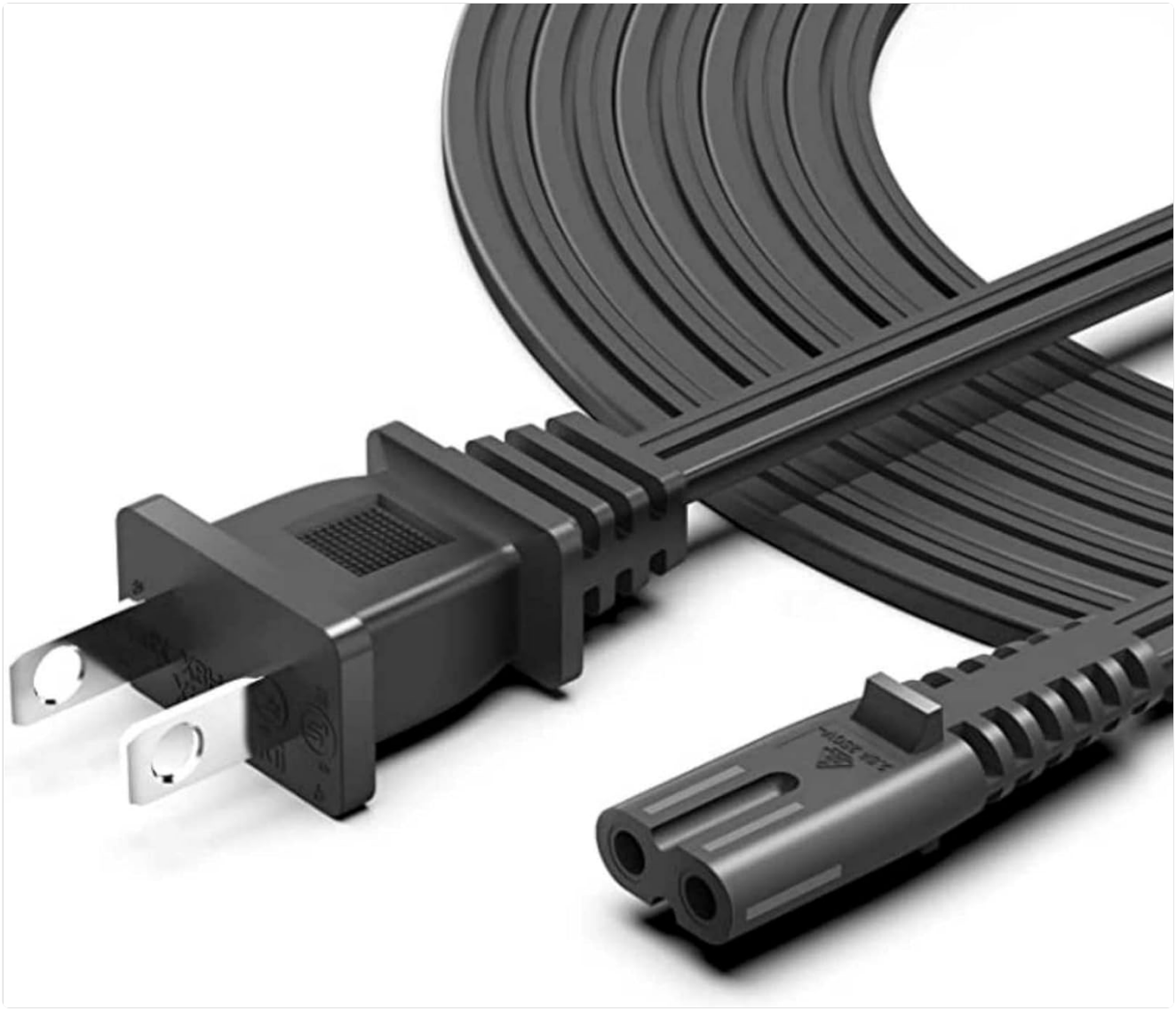


Figure 2.4: Close-up view of the two-prong AC power plug and the C7 (figure-8) connector that plugs into the adapter unit. This illustrates the standard connection type for the input power cable.



Figure 2.5: The Kircuit 12V AC/DC Adapter in use, with the AC power cord plugged into a standard wall outlet. The main adapter unit rests on a surface, demonstrating a typical setup scenario.

3. Setup Instructions

1. **Unpack the Adapter:** Carefully remove the Kircuit 12V AC/DC Adapter and its cables from the packaging. Inspect for any visible damage.
2. **Connect the AC Power Cord:** Insert the C7 (figure-8) connector of the AC power cord firmly into the corresponding port on the main adapter unit.
3. **Connect to Power Outlet:** Plug the two-prong end of the AC power cord into a standard 100V-240V AC electrical wall outlet. Ensure the outlet is easily accessible.
4. **Connect to Device:** Insert the barrel connector of the DC output cable into the power input port of your compatible device (e.g., Arcade1Up game machine). Ensure a snug fit.
5. **Verify Connection:** Once connected, your device should power on or begin charging, indicating a successful connection.

Note: *Always ensure the adapter's voltage and current ratings match or exceed the requirements of your device to*

prevent damage.

4. Operating Instructions

The Kircuit 12V AC/DC Adapter operates automatically once connected to a power source and a compatible device.

- **Powering Your Device:** When connected, the adapter provides continuous DC power to operate your device.
- **Charging Batteries:** If your device has a rechargeable battery, the adapter will automatically charge it when connected and the device is powered off or in standby mode.
- **Overcharge Protection:** The built-in Charger IC provides overcharge protection, preventing damage to your device's battery from excessive charging.
- **Overcurrent/Overvoltage Protection:** The adapter includes internal fuses and circuitry to protect against overcurrent and overvoltage conditions, safeguarding both the adapter and your connected device.

Important: *Disconnect the adapter from the power outlet when not in use for extended periods.*

5. Maintenance

Proper maintenance ensures the longevity and safe operation of your Kircuit 12V AC/DC Adapter.

- **Cleaning:** Use a soft, dry cloth to clean the adapter and cables. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Cable Care:** Do not bend, twist, or pinch the cables excessively. Avoid placing heavy objects on the cables. Regularly inspect cables for fraying or exposed wires.
- **Ventilation:** Ensure the adapter has adequate ventilation during operation. Do not cover it or place it in enclosed spaces that could lead to overheating.

6. Troubleshooting

If you encounter issues with your Kircuit 12V AC/DC Adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not powering on/charging.	• Adapter not properly connected. • Power outlet is not active. • Damaged adapter or cable. • Device issue.	• Ensure all connections (AC cord to adapter, adapter to outlet, adapter to device) are secure. • Test the power outlet with another device. • Inspect the adapter and cables for visible damage. If damaged, discontinue use. • Test the device with another known-good power source if available.
Adapter feels hot during use.	• Normal operation under load. • Poor ventilation. • Overload or short circuit.	• A slight warmth is normal. • Ensure the adapter is in an open area with good airflow. Do not cover it. • If excessively hot or emitting smoke/smell, immediately disconnect from power and device. Do not use.

Problem	Possible Cause	Solution
Interference with other electronics.	• Electromagnetic interference (EMI).	• Ensure the anti-interference magnetic ring is present and correctly positioned on the DC output cable. • Move the adapter away from sensitive electronic devices.

If the problem persists after trying these steps, please contact customer support.

7. Specifications

Feature	Detail
Brand	Kircuit
Manufacturer	Shenzhen Waweis Technology Co., Ltd
Input Voltage	100-240 Volts (AC)
Output Voltage	12V DC (implied by product title)
Connectivity Technology	Powerline
Connector Type	BARREL
Compatible Devices	Arcade1Up MRC-H-01240, Model 7759, Street Fighter II Head-to-Head Arcade Game Machine, Gaming Table, MARVCAPTBL
Special Feature	100% Brand New, High Quality AC/DC Power Charger (non-OEM)
Color	Black
Power Source	Corded Electric

8. Warranty and Support

Return Policy:

This product is typically eligible for a 30-day return policy (refund/replacement) from the date of purchase. Please refer to your retailer's specific return policy for detailed terms and conditions.

Protection Plans:

Extended protection plans may be available for purchase separately to cover your product beyond the standard return period. These plans can offer additional coverage for a specified duration (e.g., 2-year or 3-year plans).

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact information.
Manufacturer: Shenzhen Waweis Technology Co., Ltd

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