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› Kircuit 12V 3A 36W AC/DC Power Adapter User Manual for RENPHO RF-BM086 Back Massager

Kircuit 12V 3A 36W AC/DC Power Adapter

Kircuit 12V 3A 36W AC/DC Power Adapter User Manual

For RENPHO RF-BM086 Back Massager and Compatible Devices

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit 12V 3A 36W AC/DC Power Adapter. This adapter is designed to provide reliable power to compatible devices, such as the RENPHO RF-BM086 Back Massager. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: General view of the Kircuit 12V AC/DC power adapter with its detachable AC power cord and DC output cable.

2. IMPORTANT SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, always follow these precautions:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impact.
- Do not attempt to disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Ensure the adapter's input voltage (100-240V AC) matches your local power supply.
- Use only with devices that require 12V DC and a maximum of 3A (36W) power. Using with incompatible devices may cause damage.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.

Built Safety Protections

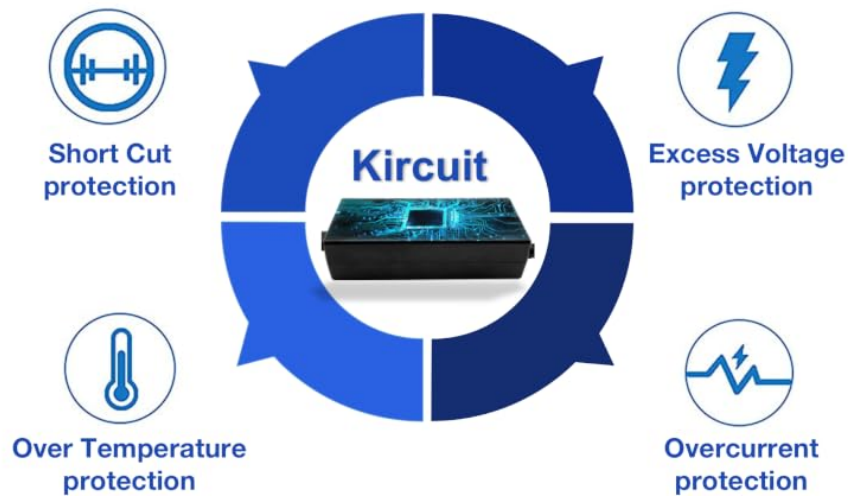


Figure 2: Diagram illustrating the built-in safety protections of the Kircuit power adapter, including short circuit, excess voltage, over temperature, and overcurrent protection.

3. PRODUCT OVERVIEW AND FEATURES

The Kircuit 12V 3A 36W AC/DC Power Adapter is designed for efficient and safe power delivery. It features a compact design and robust construction.

3.1 Components

- **Adapter Unit:** The main power conversion block.
- **AC Input Cable:** Connects the adapter unit to a wall outlet.
- **DC Output Cable:** Connects the adapter unit to your device, featuring a barrel connector.

3.2 Key Features

- **Universal Input:** Supports 100V-240V AC, suitable for international travel.
- **Stable Output:** Provides a consistent 12V DC, 3A (36W) output.
- **Built-in Protections:** Includes safeguards against short circuits, over-voltage, over-temperature, and overcurrent.
- **Durable Design:** High-quality cable materials with thick insulation and abrasion resistance.
- **Anti-interference Magnetic Ring:** Enhances reliability and stability of system operation.

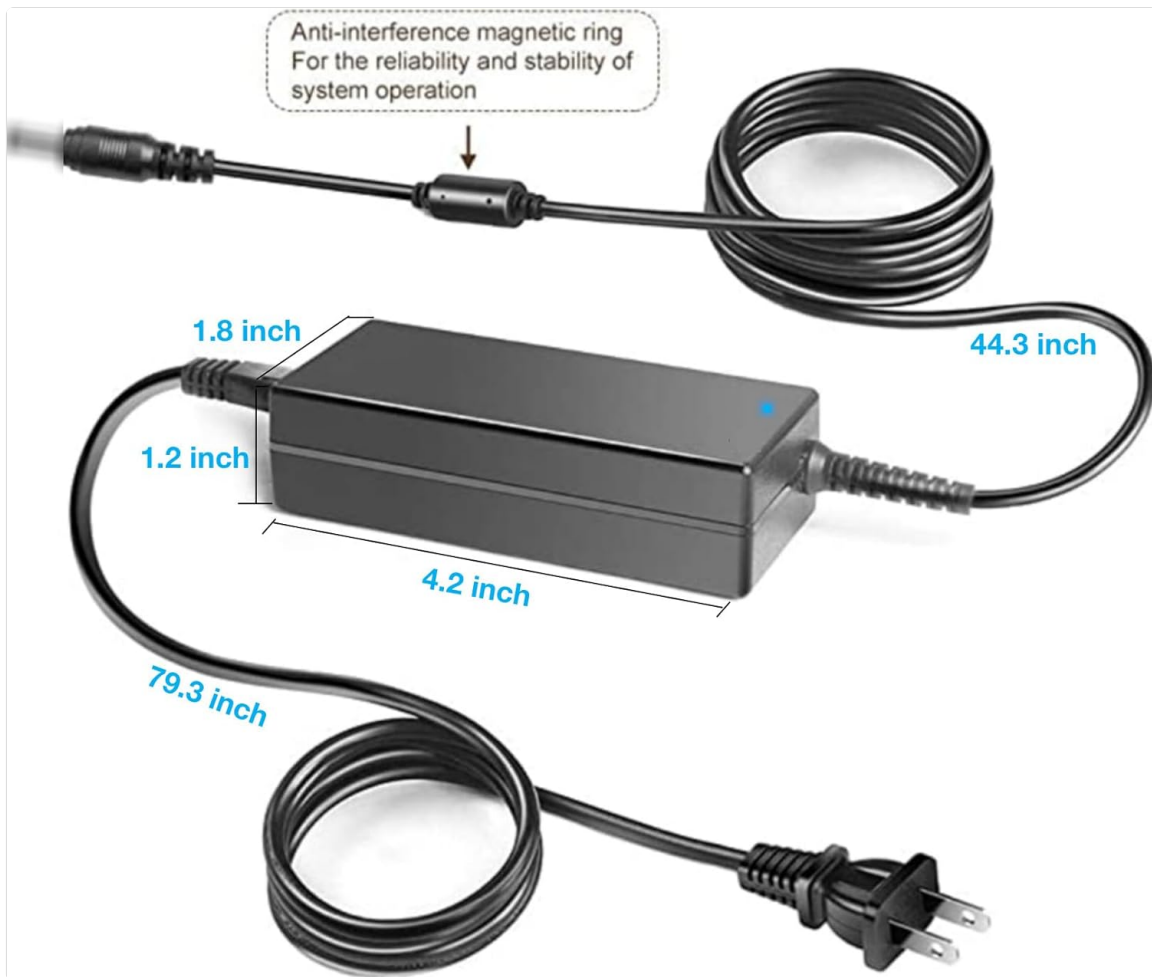


Figure 3: Diagram showing the dimensions of the Kircuit power adapter unit and the lengths of its AC input and DC output cables, highlighting an anti-interference magnetic ring.

Durable design

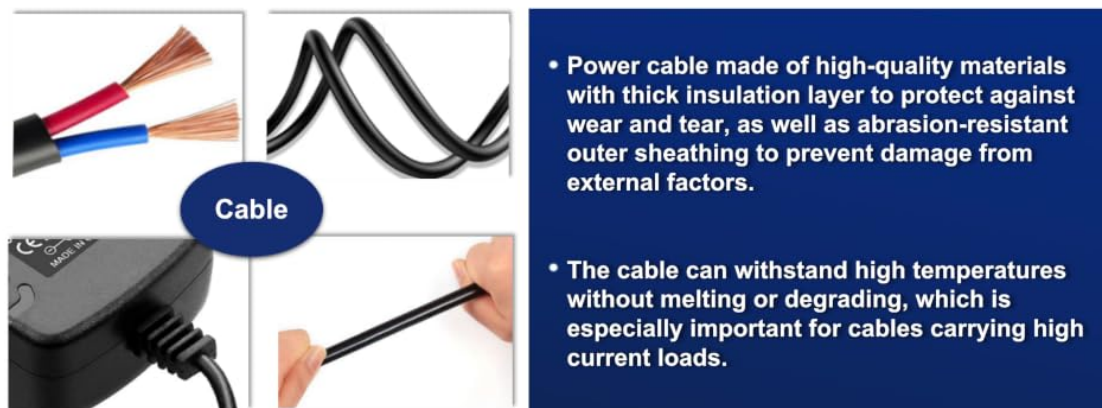


Figure 4: Images illustrating the durable design of the power cable, highlighting high-quality materials, thick insulation, and abrasion resistance.

- The plugs on the power cable also well-made and designed to provide a secure and stable connection.
- The plugs can handle high electrical loads without overheating or causing a fire hazard.

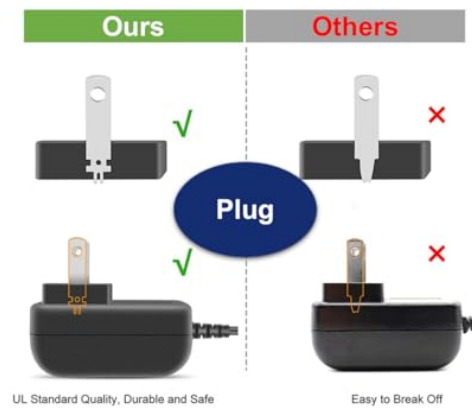


Figure 5: Comparison images demonstrating the secure and stable connection of the Kircuit power adapter's plugs versus less reliable alternatives, emphasizing UL standard quality.

4. SETUP INSTRUCTIONS

Follow these steps to connect your Kircuit power adapter:

1. **Connect AC Input Cable:** Insert the two-pin connector of the AC input cable firmly into the corresponding port on the adapter unit.
2. **Connect DC Output Cable:** Plug the barrel connector of the DC output cable into the power input port of your compatible device (e.g., RENPHO RF-BM086 Back Massager). Ensure a snug fit.
3. **Plug into Wall Outlet:** Insert the AC plug into a standard 100-240V AC wall outlet.
4. **Verify Connection:** A small indicator light on the adapter unit (if present) may illuminate, indicating power is being supplied.



Figure 6: The Kircuit 12V AC/DC power adapter plugged into a wall outlet, with the adapter unit resting on a desk.

5. OPERATION

Once the adapter is correctly set up and plugged into a power outlet, it will supply power to your connected device. Simply turn on your device as per its own instructions. The adapter operates continuously when connected to power.

6. CARE AND MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power source and device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** 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 damage is found, discontinue use and replace the adapter.

7. TROUBLESHOOTING

If you encounter issues with your power adapter, refer to the table below:

Problem	Possible Cause	Solution
Device not powering on	Adapter not plugged in correctly; Wall outlet not active; Device fault; Incompatible device.	Ensure all connections are secure. Test the wall outlet with another device. Verify device compatibility and functionality.
Adapter feels hot	Normal operation under load; Overload; Poor ventilation.	A slight warmth is normal. Ensure the adapter is not covered and has adequate ventilation. If excessively hot, disconnect immediately and check device power requirements.
Flickering power/unstable operation	Loose connection; Faulty adapter or cable; Device issue.	Check all connections. Try a different wall outlet. If the issue persists, the adapter or device may be faulty.

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

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	12V DC
Output Current	3A
Output Wattage	36W
Connector Type	Barrel Connector (DC Output)
Compatible Devices	RENPHO RF-BM086 Back Massager and other devices requiring 12V DC, 3A (36W) with a compatible barrel connector.
Safety Features	Short Circuit Protection, Over Voltage Protection, Over Temperature Protection, Overcurrent Protection

Feature	Specification
Included Components	1 x AC/DC Power Adapter Unit, 1 x AC Input Power Cord, 1 x DC Output Cable

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information and customer support, please refer to the seller or manufacturer's official website. If you have any questions or require assistance with your Kircuit 12V 3A 36W AC/DC Power Adapter, please contact the point of purchase or the manufacturer directly.