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Model: 4.5V AC/DC Adapter

1. PRODUCT OVERVIEW

The Kircuit 4.5V AC/DC Adapter is a versatile power supply designed for various electronic devices. It features an adjustable voltage output and multiple connector tips, making it a suitable replacement or backup power source for a wide range of applications. This adapter is built with dynamic IC, charger IC, and power fuse for rapid charging and overcharge protection, ensuring safe and efficient operation.



Image 1.1: The Kircuit 4.5V AC/DC Adapter, showing its compact design and standard US plug.

2. KEY FEATURES

- **Universal Compatibility:** Designed to work with a variety of electronic devices requiring 4.5V DC power.
- **Adjustable Voltage:** Features a selectable voltage output for broad device compatibility.
- **Multiple Connector Tips:** Includes various interchangeable tips to fit different device power ports.
- **Safety Protections:** Built-in Dynamic IC, Charger IC, and power fuse provide rapid charging and protection against overcharge, short circuits, excess voltage, over-temperature, and overcurrent.
- **Durable Design:** Power cable made of high-quality materials with thick insulation for wear and tear resistance.
- **Energy Efficient:** Designed for low power consumption when idle.

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.

Image 2.1: Illustration of the adapter's built-in safety features, including protection against short circuits, excess voltage, over-temperature, and overcurrent.

3. SETUP AND CONNECTION

1. **Identify Device Voltage:** Before connecting, determine the required voltage for your electronic device. This information is usually found on the device itself, its original power adapter, or in its user manual. The Kircuit adapter supports 4.5V, 5V, 6V, 7.5V, 9V, and 12V outputs.
2. **Select Correct Connector Tip:** Choose the appropriate connector tip from the provided assortment that matches your device's power input port. Ensure a snug fit.
3. **Set Voltage:** Use the included adjustment tool (or a small flat-head screwdriver) to rotate the red dial on the adapter body to the desired voltage setting. **Ensure the voltage setting matches your device's requirement to prevent damage.**
4. **Connect Adapter to Device:** Plug the selected connector tip into your device's power input.
5. **Plug into Power Outlet:** Insert the AC plug of the adapter into a standard 100V-240V AC wall outlet. The green LED indicator on the adapter will illuminate when power is supplied.



Image 3.1: The adapter shown with its array of interchangeable connector tips, allowing for broad compatibility with different devices.

4. OPERATING INSTRUCTIONS

Once properly connected and the correct voltage is set, the Kircuit AC/DC Adapter will provide continuous power to your device. The green LED on the adapter indicates active power supply. For optimal performance and safety, ensure the adapter is placed in a well-ventilated area and not covered by any materials that could impede heat dissipation.



Image 4.1: The Kircuit AC/DC Adapter in use, plugged into a power strip, demonstrating its compact form factor that does not obstruct adjacent outlets.

5. MAINTENANCE AND CARE

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use. Avoid wrapping the cable too tightly to prevent damage.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires or cracked casing. Discontinue use if damage is found.
- **Tip Management:** Keep all unused connector tips organized to prevent loss and ensure they are readily available for future use.

Built Safety Protections

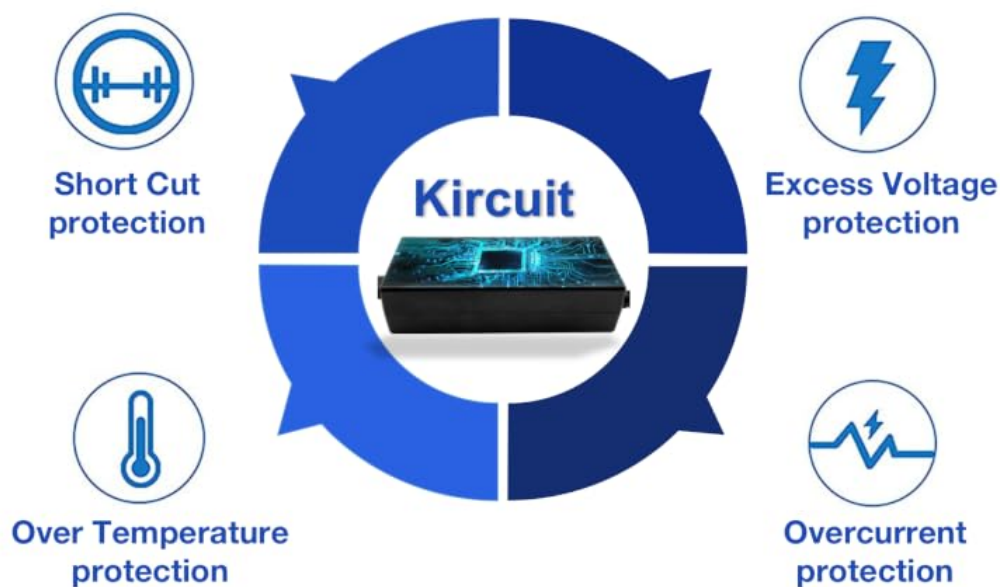


Image 5.1: Close-up view illustrating the durable construction of the adapter's power cable, designed for longevity and resistance to wear.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	Incorrect voltage setting. Incorrect connector tip. Loose connection. Power outlet issue.	Verify the voltage setting matches your device's requirement. Ensure the correct tip is used and securely connected. Check all connections. Test the power outlet with another device.
Adapter feels hot.	Overload or poor ventilation.	Ensure the device's power requirement does not exceed the adapter's output capacity (1.75W, 350mA). Place the adapter in a well-ventilated area.
Green LED not lit.	No power from outlet or internal fault.	Check the power outlet. If the outlet is functional and the LED remains off, the adapter may be faulty.

7. SPECIFICATIONS

- **Brand:** Kircuit
- **Model:** 4.5V AC/DC Adapter
- **Input:** 100V-240V AC
- **Output Voltage:** Adjustable (e.g., 4.5V, 5V, 6V, 7.5V, 9V, 12V)
- **Amperage:** 350 Milliamps (0.35A)
- **Wattage:** 1.75 Watts
- **Connector Type:** Barrel Connector (with multiple interchangeable tips)
- **Special Feature:** Portable, Travel
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official Kircuit website. Keep your proof of purchase for warranty claims.

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Question

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

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

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