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› Kircuit 24V AC/DC Adapter Instruction Manual for Intertek Models K12S240050U and K12V240050U

Kircuit K12S240050U, K12V240050U

Kircuit 24V AC/DC Adapter Instruction Manual

For Intertek Models K12S240050U and K12V240050U

1. INTRODUCTION

Thank you for choosing the Kircuit 24V AC/DC Adapter. This adapter is designed to provide reliable power to your compatible devices, specifically Intertek models K12S240050U and K12V240050U. Please read this manual carefully before use to ensure proper operation and safety.

2. SAFETY INFORMATION

- Do not expose the adapter to water, rain, or excessive moisture.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble or modify the adapter. Unauthorized modifications can lead to electric shock, fire, or damage to the device.
- Ensure the adapter is used within its specified input and output voltage ranges.
- Keep the adapter away from heat sources and direct sunlight.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Always handle the adapter by the plug, not the cord, when connecting or disconnecting.

3. PACKAGE CONTENTS

Upon opening the package, you should find the following item:

- 1 x Kircuit 24V AC/DC Adapter



Image 1: The Kircuit 24V AC/DC Adapter, showing the main unit and its barrel connector.

4. SETUP

Follow these steps to set up your Kircuit 24V AC/DC Adapter:

1. **Verify Compatibility:** Ensure your device requires a 24V DC input and has a compatible barrel connector. This adapter is specifically designed for Intertek models K12S240050U and K12V240050U.
2. **Connect to Device:** Insert the barrel connector of the adapter into the power input port of your device. Ensure a snug and secure connection.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V AC electrical wall outlet.



Image 2: The Kircuit 24V AC/DC Adapter connected to a power strip, ready for use.

5. OPERATING INSTRUCTIONS

Once the adapter is properly connected, it will begin supplying power to your device. The adapter is designed for continuous operation within its specified limits.

- The adapter converts AC power from the wall outlet to the DC power required by your device.
- It can be used to operate your device directly or to charge its internal battery, if applicable.
- The adapter features built-in dynamic IC, charger IC, and power fuse for rapid charging and overcharge protection.



Image 3: The Kircuit 24V AC/DC Adapter, highlighting its 6.5 ft cord length.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Kircuit AC/DC Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect the adapter from both the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. 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 winding the cord to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cord for any signs of damage, such as cuts, fraying, or bent prongs. If any damage is observed, discontinue use immediately and replace the adapter.

7. TROUBLESHOOTING

If you encounter issues with your Kircuit 24V AC/DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not powering on/charging	Adapter not properly plugged in.	Ensure the adapter is securely plugged into both the wall outlet and the device.
Device not powering on/charging	Wall outlet is not active.	Test the wall outlet with another device or try a different outlet.
Device not powering on/charging	Incompatible device.	Verify that your device requires 24V DC input and has a compatible barrel connector. This adapter is for Intertek K12S240050U and K12V240050U.
Adapter feels warm during use	Normal operation.	It is normal for power adapters to generate some heat during operation. If it becomes excessively hot or emits smoke/smell, unplug immediately.
Visible damage to adapter or cord	Physical damage.	Discontinue use immediately. Replace the adapter with a new, compatible unit.

8. SPECIFICATIONS

Feature	Detail
Brand	Kircuit
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	24V DC
Compatible Devices	Intertek Model K12S240050U, K12V240050U, Dongguan Guanjin Electronic Technology Co.,Ltd 4006448
Connector Type	Barrel
Special Feature	Overcharge Protection, Rapid Charging
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd

9. WARRANTY AND SUPPORT

Specific warranty details and direct customer support contact information are not provided in this manual. For warranty inquiries or technical assistance, please refer to the retailer or platform where the product was purchased. Kircuit adapters are designed and tested to meet the power needs of your device and ensure compatibility.

ASK A QUESTION ABOUT THIS MANUAL

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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.

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