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Kircuit 24V 2-Pole AC DC Adapter

User Manual

Kircuit 24V 2-Pole AC DC Adapter

Introduction

This manual provides essential information for the safe and effective use of your Kircuit 24V 2-Pole AC DC Adapter. This adapter is designed to convert AC power from electrical outlets into the DC power required by your compatible devices, ensuring reliable operation or battery charging.
The Kircuit adapter has undergone rigorous testing and validation to ensure compatibility and optimal performance with the specified devices.

Product Overview



Image: The Kircuit 24V 2-Pole AC DC Adapter, featuring its black rectangular body, attached DC output cable, and a separate AC input power cord with a 2-prong plug. The cables are neatly bundled.

The Kircuit 24V 2-Pole AC DC Adapter is a compact power supply unit. It features a durable black casing, an integrated DC output cable with a barrel connector, and a detachable AC input power cord. This design allows for flexible use in various environments, including home and office settings.

Compatibility

This adapter is specifically designed and tested for compatibility with the following devices:

- Huanuo HNESD27B Electric Adjustable Standing Desk
- Huanuo HNESD27V Electric Adjustable Standing Desk
- Huanuo HNESD27W Electric Adjustable Standing Desk
- Huanuo HNESD27LV Electric Adjustable Standing Desk
- Huanuo HNESD27LV-US Electric Adjustable Standing Desk
- Huanuo HNESD27W-US Electric Adjustable Standing Desk

Important Note: This adapter is exclusively for **24V** versions of the listed devices. It is *not* compatible with 12V or 29V versions. Please verify your device's voltage requirements before use.

Safety Information

To ensure safe operation and prevent damage to the adapter or connected devices, please observe the following safety precautions:

- Use only with compatible devices as specified in this manual.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impacts.
- Do not disassemble or attempt to repair the adapter. Refer to qualified service personnel.
- Ensure proper ventilation around the adapter during use to prevent overheating.
- Disconnect the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.

This adapter features Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices.

Setup

1. **Verify Compatibility:** Before connecting, confirm that your device requires a 24V DC power supply and matches one of the compatible models listed in the "Compatibility" section.
2. **Connect DC Output:** Locate the DC input port on your device. Carefully insert the barrel connector of the adapter's DC output cable into the device's DC input port. Ensure a snug and secure connection.
3. **Connect AC Input:** Plug the 2-prong AC input power cord into the adapter's AC input receptacle.
4. **Connect to Power Outlet:** Insert the 2-prong plug of the AC input power cord into a standard 100-240VAC 50/60Hz electrical wall outlet.
5. **Power On Device:** Once the adapter is securely connected to both the device and the power outlet, you may power on your device as per its own instructions.

Always ensure all connections are firm before applying power.

Operating

The Kircuit 24V 2-Pole AC DC Adapter operates by converting the alternating current (AC) from your wall outlet into direct current (DC) suitable for your electronic device. Once connected, it provides a stable and consistent power supply, allowing your device to function or its battery to charge.

- The adapter is designed for continuous operation within its specified voltage and current limits.
- It is normal for the adapter to feel slightly warm during operation. However, if it becomes excessively hot, disconnect it immediately and check for proper ventilation or potential issues.
- The adapter's built-in protection features (OVP, OCP, SCP) will automatically activate to prevent damage in case of electrical anomalies.

Maintenance

Proper maintenance ensures the longevity and reliable performance of your adapter:

- **Cleaning:** Disconnect the adapter from all power sources and devices before cleaning. Use a soft, dry cloth to wipe the exterior. 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 extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cables for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is observed, discontinue use and replace the adapter.

Troubleshooting

If you encounter issues with your Kircuit 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. Incompatible voltage. Damaged adapter or cable.	Ensure all connections (AC cord to adapter, adapter to device, adapter to wall) are secure. Test the power outlet with another device. Verify your device requires 24V DC. This adapter is NOT for 12V or 29V devices. Inspect the adapter and cables for visible damage. If damaged, replace the adapter.
Adapter feels excessively hot.	Poor ventilation. Overload or internal fault.	Ensure the adapter is in an open area with good airflow. Do not cover it. Disconnect immediately. If the issue persists after cooling and ensuring ventilation, discontinue use.
Sparking when plugging into outlet.	Normal inrush current. Faulty outlet or adapter.	A small spark is normal. If sparking is excessive or continuous, unplug immediately. Do not use if sparking is severe. Consult an electrician for the outlet or replace the adapter.

If the problem persists after attempting these solutions, please contact customer support.

Specifications

Feature	Detail
Brand	Kircuit
Model	24V 2-Pole AC DC Adapter

Feature	Detail
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	24VDC
Connector Type	Barrel Connector
Compatible Devices	Huanuo HNESD27B, HNESD27V, HNESD27W, HNESD27LV, HNESD27LV-US, HNESD27W-US Electric Adjustable Standing Desks
Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd

Warranty and Support

For information regarding warranty coverage or technical support, please refer to the documentation provided with your purchase or contact the seller directly. Ensure you have your product model and purchase details ready when seeking support.
For general inquiries or to report issues, you may contact the manufacturer, Shenzhen Waweis Technology Co., Ltd, through their official channels if available.

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