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Kircuit VF320, WF-VF320, VF300, CW2003250, CW2003250US

Kircuit 20V AC/DC Adapter User Manual

For Vamvo VF320, WF-VF320, VF300 Projectors and Compatible Devices

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit 20V AC/DC Adapter. Please read these instructions carefully before using the product to ensure proper operation and longevity. This adapter is designed to convert AC power from a wall outlet into the DC power required by compatible devices, such as the Vamvo VF320, WF-VF320, and VF300 projectors.

2. PRODUCT OVERVIEW

The Kircuit 20V AC/DC Adapter is a reliable power supply unit designed for specific electronic devices. It features a robust construction and incorporates safety mechanisms for stable power delivery.



Figure 1: The Kircuit 20V AC/DC Adapter, showing the main power brick, detachable AC input cable, and DC output cable with a barrel connector.



Figure 2: Detailed view of the adapter, illustrating its dimensions (power brick: 4.2 x 1.8 x 1.2 inches; DC cable: 79.3 inches; AC cable: 44.3 inches) and the anti-interference magnetic ring on the DC output cable for system stability.

3. SPECIFICATIONS

Feature	Description
Brand	Kircuit
Input Voltage	100-240V AC
Output Voltage	20V DC
Output Current	3.25A
Connector Type	Barrel
Compatible Devices	Vamvo VF320, WF-VF320, VF300 Projectors, CW2003250, CW2003250US
Special Feature	Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.
Color	Black

4. SETUP INSTRUCTIONS

1. **Unpack the Adapter:** Carefully remove the AC/DC adapter and its power cord from the packaging.
2. **Connect the AC Power Cord:** Insert the two-prong end of the AC power cord into the AC input port on the adapter's main unit. Ensure it is firmly seated.



Figure 3: The adapter's main unit and the detachable AC power cord, ready for connection.

3. **Connect to Power Outlet:** Plug the AC power cord into a standard 100-240V AC electrical wall outlet.



Figure 4: Close-up view of the two-prong AC power plug, designed for standard wall outlets.

4. **Connect to Device:** Insert the barrel connector of the DC output cable into the power input port of your compatible device (e.g., Vamvo projector). Ensure the connection is secure.

5. OPERATING INSTRUCTIONS

Once the adapter is properly connected to both the power outlet and your device, it will begin supplying power. For devices with rechargeable batteries, the adapter will charge the battery while simultaneously powering the device.

- **Powering On:** After connecting the adapter, turn on your device using its power button.
- **Charging Indication:** Refer to your device's user manual for specific charging indicators (e.g., LED lights).
- **Disconnection:** To disconnect, first power off your device, then unplug the barrel connector from the device, and finally unplug the AC power cord from the wall outlet.



Figure 5: The Kircuit AC/DC Adapter in operation, connected to a wall outlet and providing power to a device on a desk.

6. MAINTENANCE

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. 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 wrapping the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is found, discontinue use immediately.

7. TROUBLESHOOTING

- **No Power to Device:**
 - Ensure the AC power cord is securely plugged into both the adapter and the wall outlet.
 - Verify the wall outlet is functional by testing it with another device.

- Check that the barrel connector is fully inserted into your device's power port.
- Confirm that your device is compatible with a 20V DC, 3.25A power supply and barrel connector.
- **Adapter Overheating:**
 - It is normal for the adapter to feel warm during operation. However, if it becomes excessively hot, disconnect it immediately.
 - Ensure the adapter is in a well-ventilated area and not covered.
 - Verify that the device connected is not drawing more power than the adapter's rated output (20V, 3.25A).
- **Device Not Charging:**
 - Check all connections as described in "No Power to Device" above.
 - Ensure your device's battery is not fully charged or defective.
 - Some devices may not charge if they are in heavy use; try charging while the device is off or in standby mode.

8. SAFETY INFORMATION

- Use only with compatible devices as specified. Using with incompatible devices may cause damage or injury.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble, modify, or attempt to repair the adapter. Refer to qualified service personnel.
- Keep out of reach of children.
- Avoid placing heavy objects on the power cord or adapter.
- If the adapter emits smoke, unusual odors, or makes strange noises, unplug it immediately.

9. WARRANTY AND SUPPORT

This Kircuit AC/DC Adapter is tested and designed to meet the power needs of your device. For specific warranty details or technical support, please refer to the product packaging or contact your retailer. Keep your purchase receipt for warranty claims.

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