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› PowerHOOD 12V AC/DC Adapter Instruction Manual for VILINICE VL208 and VL407-1 Projectors

PowerHOOD PH-1821000D

PowerHOOD 12V AC/DC Adapter Instruction Manual

Model: PH-1821000D

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1. INTRODUCTION

Thank you for choosing the PowerHOOD 12V AC/DC Adapter. This adapter is designed to provide reliable power to your compatible devices, specifically the VILINICE VL208 Video Projector and Vilinice VL407-1 Mini LED WiFi & Bluetooth Projector. Please read this manual thoroughly before use to ensure proper operation and safety.

2. SAFETY INFORMATION

To prevent electric shock, fire, or damage to the product, please observe the following safety precautions:

- Ensure the adapter's input voltage (AC 100-240V) matches your local power supply.
- Do not expose the adapter to water, moisture, or high humidity.
- Avoid using the adapter in extremely hot or cold environments.
- Do not disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Keep the adapter away from children.
- Unplug the adapter from the power outlet when not in use for extended periods.
- This adapter is equipped with multiple protection features including overcharge, short circuit, overcurrent, temperature, overvoltage, and overload protection to ensure safe operation.



Figure 2.1: PowerHOOD AC/DC Adapter highlighting multiple safety protections including overcharge, short circuit, overcurrent, temperature, overvoltage, and overload protection.

3. PRODUCT OVERVIEW

The PowerHOOD 12V AC/DC Adapter is a reliable power supply unit designed for specific VILINICE projectors. It features a durable casing and a standard barrel connector for easy compatibility.



Figure 3.1: General view of the PowerHOOD 12V AC/DC Adapter.

3.1. Key Features

- **Input Voltage:** AC 100-240V, 50/60Hz, suitable for global use.
- **Output Voltage:** Stable 12V DC.
- **Compatibility:** Specifically designed for VILINICE VL208 and VL407-1 projectors.
- **Safety Protections:** Overcharging, overheating, overvoltage, short circuit, overcurrent, and overload protection.
- **Advanced Technology:** Incorporates smart chip technology for efficient and reliable power delivery.

Designed for World Range Electronic Devices



Figure 3.2: Internal view illustrating the smart chip technology within the PowerHOOD AC/DC Adapter.

SUITABLE FOR ALL COUNTRIES



Figure 3.3: The PowerHOOD AC/DC Adapter is compatible with various international power standards (plugs shown for Europe, American, Britain, and Australia).

4. SPECIFICATIONS

Feature	Detail
Model Number	PH-18210000D
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	12 Volts DC
Connector Type	Barrel Connector
Compatible Devices	VILINICE VL208 Video Projector, Vilinice VL407-1 Mini LED WiFi & Bluetooth Projector

Feature	Detail
Special Features	Short Circuit Protection, Overcharge Protection, Overheating Protection, Overvoltage Protection, Overcurrent Protection, Overload Protection
Color	Black
Item Weight	8 ounces
Package Dimensions	6 x 4 x 2 inches

5. SETUP INSTRUCTIONS

Follow these steps to properly set up your PowerHOOD 12V AC/DC Adapter:

- 1. Verify Compatibility:** Ensure your device is a VILINICE VL208 or VL407-1 projector, or another device requiring a 12V DC input with a compatible barrel connector.
- 2. Connect to Device:** Insert the barrel connector end of the adapter cable firmly into the DC input port of your projector.
- 3. Connect to Power Outlet:** Plug the AC power cord of the adapter into a standard wall outlet (AC 100-240V).
- 4. Power On:** Once connected, your projector should receive power. Refer to your projector's manual for specific power-on procedures.

Note: Always connect the adapter to the device first, then to the wall outlet. When disconnecting, unplug from the wall outlet first, then from the device.

6. OPERATING INSTRUCTIONS

The PowerHOOD 12V AC/DC Adapter operates automatically once connected. It provides a stable 12V DC output to power your compatible projector.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating.
- Avoid placing heavy objects on the adapter or its cables.
- If the adapter feels excessively hot, disconnect it immediately and check for proper ventilation or potential issues.

7. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your adapter:

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid wrapping the cable too tightly around the adapter to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cables for any signs of damage, such as cuts, fraying, or bent pins. If damage is found, discontinue use and replace the adapter.

8. TROUBLESHOOTING

If you encounter issues with your PowerHOOD 12V AC/DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Projector does not power on.	Adapter not properly connected; Power outlet issue; Faulty adapter.	Ensure all connections are secure. Try a different power outlet. Test the adapter with another compatible device if possible. If the issue persists, the adapter may be faulty.
Adapter feels hot during use.	Poor ventilation; Overload; Normal operation (slight warmth).	Ensure the adapter is in a well-ventilated area. Verify the connected device's power requirements do not exceed the adapter's capacity. If it's excessively hot, disconnect immediately.
Intermittent power to projector.	Loose connection; Damaged cable.	Check all cable connections for tightness. Inspect the cable for any visible damage. Replace if damaged.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

PowerHOOD offers a **14-day money-back guarantee** and a **30-day exchange service** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its stated specifications.

The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

9.2. Customer Support

If you have any questions, concerns, or require assistance with your PowerHOOD 12V AC/DC Adapter, please do not hesitate to contact our customer support team. We aim to reply within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official PowerHOOD store on Amazon.