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PKPOWER HCD12-200

PK Power AC/DC Adapter HCD12-200 User Manual

Model: HCD12-200 | Brand: PKPOWER

Introduction

This user manual provides essential information for the safe and effective use of your PK Power AC/DC Adapter, Model HCD12-200. Please read this manual thoroughly before using the product and retain it for future reference.
The PK Power AC/DC Adapter is designed to provide reliable power to compatible Culus devices, specifically those requiring a Class 2 power supply with model HCD12-200 or HCD12200 specifications. It features robust protection mechanisms to ensure safety and longevity.

Safety Precautions

- Ensure the adapter's input voltage (100-240V) matches your local power supply.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impacts.
- Do not attempt to open or modify the adapter. This will void the warranty and may cause damage or injury.
- Always unplug the adapter from the power outlet when not in use or before cleaning.
- Keep out of reach of children.
- This product is designed for indoor use only.

Product Overview



Figure 1: Front view of the PK Power AC/DC Adapter with its integrated power cord. This image shows the compact design of the adapter and the barrel connector at the end of the cable.



Figure 2: Angled view of the PK Power AC/DC Adapter, highlighting its textured casing and the connection point of the power cord.

The PK Power AC/DC Adapter (Model HCD12-200) is a compact and efficient power supply unit. It features a standard US wall plug and an integrated power cord terminating in a barrel connector, suitable for various electronic devices requiring 12V power. The adapter is designed with safety certifications including CE, FCC, and RoHS.

Setup

1. **Verify Compatibility:** Before connecting, ensure your device requires a 12V DC input and uses a compatible barrel connector. This adapter is specifically designed for Culus Model: HCD12-200 or HCD12200 devices.
2. **Connect to Device:** Insert the barrel connector of the adapter's cable firmly into the power input port of your electronic device.
3. **Plug into Outlet:** Insert the adapter's wall plug into a standard 100-240V AC electrical outlet. Ensure the outlet is easily accessible.
4. **Power On Device:** Once connected, power on your device as per its own instructions.





Figure 3: Close-up front view of the adapter, displaying the "AC Adapter" label and input specifications (100-240VAC 0.3A, 50/60Hz) and certification marks (FCC, CE).

Operating Instructions

The PK Power AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable power output to ensure optimal performance of your connected equipment.

- The adapter is designed for continuous operation within its specified voltage and current limits.
- It features Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard both the adapter and your connected device.
- If the adapter feels warm during operation, this is normal. However, if it becomes excessively hot, disconnect it immediately and check for issues (see Troubleshooting).

Maintenance

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the surface. 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 moisture. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of damage, such as frayed wires, bent pins, or cracks in the casing. If damage is found, discontinue use and replace the adapter.

Troubleshooting

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly plugged in; device not compatible; faulty outlet; damaged adapter.	Ensure adapter is fully inserted into outlet and device. Verify device compatibility with HCD12-200 specifications. Test outlet with another device. Inspect adapter for damage; replace if necessary.
Adapter is excessively hot.	Overload; poor ventilation; internal fault.	Disconnect immediately. Ensure the connected device does not exceed the adapter's wattage (18W). Ensure adapter is in a well-ventilated area. If problem persists, discontinue use.
Intermittent power to device.	Loose connection; damaged cable/connector.	Check all connections are secure. Inspect cable and barrel connector for bends or breaks. Replace adapter if cable or connector is damaged.

Specifications



Figure 4: Dimensions of the PK Power AC/DC Adapter, showing approximate measurements of 2.92 inches (length), 1.58 inches (width), and 1.18 inches (height).

Feature	Detail
Model	HCD12-200 / HCD12200
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	12V DC
Wattage	18 Watts (Max)
Connector Type	Barrel Connector
Cable Length	Approximately 10 ft (integrated)
Safety Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Certifications	CE, FCC, RoHS
Dimensions (Approx.)	2.92 in x 1.58 in x 1.18 in (L x W x H)

Warranty and Support

PK-Power products are backed by a commitment to quality. For specific warranty details, please refer to the product packaging or contact PK-Power customer service directly.
Our friendly and reliable customer service team is available to assist you with any questions or concerns. You can expect a response within 24 hours.

For support, please visit the PKPOWER Store on Amazon or contact the seller directly through your purchase platform.

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