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PKPOWER AC-FD006

PK Power AC/DC Adapter for Sony AC-FD006 LCD TV: User Manual

Model: AC-FD006

1. Introduction

This manual provides essential instructions for the safe and efficient use of your PK Power AC/DC Adapter, designed for compatibility with Sony AC-FD006 LCD TVs. Please read this manual thoroughly before use and retain it for future reference.

2. Product Overview

The PK Power AC/DC Adapter is a switching power supply unit designed to provide stable power to compatible devices. It features built-in safety protections to ensure reliable operation.



Figure 1: PK Power AC/DC Adapter and detachable power cord. The adapter unit is a black rectangular box, and the power cord has a standard two-prong plug on one end and a connector for the adapter on the other.



Figure 2: PK Power AC/DC Adapter with the power cord connected. This image shows the complete assembly ready for use, highlighting the connection point between the adapter and the power cord.

3. Safety Information

Always observe the following safety precautions to prevent injury or damage to the product:

- Do not expose the adapter to water or excessive moisture.
- Do not disassemble or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Ensure the adapter is used within its specified input voltage range (100-240V).

- Avoid placing the adapter in poorly ventilated areas or near heat sources.
- Disconnect the adapter from the power outlet when not in use for extended periods.

4. Setup Instructions

Follow these steps to properly set up your AC/DC adapter:

1. **Verify Compatibility:** Ensure your device requires a power supply compatible with the specifications of this adapter (e.g., Sony AC-FD006 LCD TV).
2. **Connect the Power Cord:** Insert the 2-pin connector of the power cord firmly into the AC input port on the adapter unit.
3. **Connect to Device:** Plug the output connector of the adapter into the DC input port of your Sony AC-FD006 LCD TV.
4. **Connect to Power Outlet:** Insert the standard two-prong plug of the power cord into a functional wall outlet (100-240V AC).
5. **Power On:** Once all connections are secure, power on your device.

5. Operating the Adapter

The adapter operates automatically once connected to a power source and a compatible device. It is designed for continuous use, but it is recommended to disconnect it when not in use for extended periods.

5.1. Protection Features

This PK Power adapter incorporates several protection features:

- **OVP (Over Voltage output Protection):** Safeguards your device from excessive voltage output.
- **OCP (Over Current output Protection):** Protects against damage from excessive current flow.
- **SCP (Short Circuit output Protection):** Prevents damage in case of a short circuit.

The product is also CE, FCC, and RoHS certified, indicating compliance with relevant safety and environmental standards.

6. Maintenance and Care

To ensure the longevity and optimal performance of your adapter:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Do not use liquid cleaners or aerosols.
- Store the adapter in a cool, dry place when not in use.
- Avoid bending or crimping the power cords excessively.

7. Troubleshooting

If you encounter issues with your adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not powering on.	• Adapter not properly connected. • Wall outlet is not functional. • Device is incompatible. • Adapter is faulty.	• Ensure all connections are secure. • Test the wall outlet with another device. • Verify the adapter's compatibility with your device's power requirements. • Contact customer support if the adapter is suspected to be faulty.
Adapter feels hot.	• Normal operation (slight warmth). • Poor ventilation. • Overload or fault.	• Ensure adequate airflow around the adapter. • Disconnect and allow to cool. If excessive heat persists, discontinue use and contact support.

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

8. Specifications

Feature	Detail
Brand	PKPOWER
Model	AC-FD006 (Compatible with Sony AC-FD006 LCD TV)
Input Voltage	100-240V AC, 50-60Hz
Compatible Devices	Televisions (specifically Sony AC-FD006 LCD TV)
Main Power Connector Type	2 Pin
Special Feature	Short Circuit Protection (SCP), Over Voltage Protection (OVP), Over Current Protection (OCP)
Certifications	CE, FCC, RoHS
Manufacturer	PKPOWER
ASIN	B06XHK1NFZ
UPC	794959528905

9. Customer Support

For any questions, concerns, or technical assistance regarding your PK Power AC/DC Adapter, please contact our customer service team. We aim to respond to all inquiries within 24 hours.
Note: Specific warranty details may vary. Please refer to your purchase documentation or contact customer support for warranty information.

Ask a question about this manual

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