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PKPOWER AC/DC Adapter for LG 22MT45D, 22MT45V, 22MT45DP, 22MT45VP, 22MT44D, 22MT44DP, 24MT45D, 24MT45V

PK Power AC/DC Adapter User Manual

For LG 22MT45D, 22MT45V, 22MT45DP, 22MT45VP, 22MT44D, 22MT44DP, 24MT45D, 24MT45V LCD LED TVs

Model: AC/DC Adapter for LG 22MT45D Series Compatible TVs

1. Introduction

This manual provides essential instructions for the safe and efficient use of your PK Power AC/DC Adapter. This adapter is designed to provide power to compatible LG LCD LED TV models, including 22MT45D, 22MT45V, 22MT45DP, 22MT45VP, 22MT44D, 22MT44DP, 24MT45D, and 24MT45V. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

To ensure safe operation and prevent damage, please observe the following precautions:

- **Power Source:** Only connect the adapter to a power outlet that matches the input voltage specifications (100-240V AC, 50-60Hz).
- **Environment:** Do not expose the adapter to water, moisture, high temperatures, or direct sunlight. Use in a well-ventilated area.
- **Cable Handling:** Avoid bending, twisting, or crimping the power cords. Do not place heavy objects on the cords.
- **Disconnection:** Always grasp the plug, not the cord, when disconnecting from the power outlet or the device.
- **Damage:** If the adapter or cables appear damaged, discontinue use immediately and seek professional assistance.
- **Children:** Keep the adapter and its components out of reach of children.
- **Compatibility:** Ensure the adapter is compatible with your specific LG TV model before connecting. Using an incompatible adapter may cause damage.

3. Package Contents

Verify that all items are present in the package:

- 1 x PK Power AC/DC Adapter Unit

- 1 x AC Input Power Cord (for wall outlet connection)
- 1 x DC Output Power Cord (integrated with adapter, for TV connection)



Image 1: The PK Power AC/DC Adapter unit shown with its detachable AC input power cord and integrated DC output power cord.

4. Setup Instructions

Follow these steps to connect your AC/DC adapter to your LG TV:

1. **Connect AC Input Cord:** Insert the 2-pin connector of the AC input power cord firmly into the AC input port on the PK Power adapter unit.
2. **Connect DC Output Cord:** Locate the DC power input port on your LG TV. Carefully insert the DC output plug from the adapter into this port. Ensure a snug fit.
3. **Connect to Power Outlet:** Plug the other end of the AC input power cord into a standard electrical wall outlet (100-240V AC).
4. **Power On:** Your LG TV should now receive power. Turn on your TV using its power button or remote control.



Image 2: Close-up view of the PK Power AC/DC Adapter, highlighting the integrated DC output cable which connects to the television.

5. Operating Instructions

Once properly connected, the PK Power AC/DC Adapter operates automatically to supply power to your compatible LG TV. No user interaction is required for its operation beyond initial setup.

- The adapter is designed for continuous operation when connected to a power source and a compatible device.
- It features built-in protection mechanisms (OVP, OCP, SCP) to safeguard against over-voltage, over-current, and short-circuit conditions.

6. Maintenance

Proper maintenance ensures the longevity and reliable performance 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 abrasive materials.
- **Storage:** When not in use for extended periods, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cables loosely to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of wear, cuts, or damage. If damage is found, replace the adapter.

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
TV does not power on.	◦ Adapter not properly connected. ◦ Power outlet not functioning. ◦ Adapter or cable damage. ◦ Incompatible TV model.	◦ Ensure all connections are secure. ◦ Test the power outlet with another device. ◦ Inspect adapter and cables for visible damage. Replace if damaged. ◦ Verify your LG TV model is listed as compatible.
Adapter feels excessively hot.	◦ Poor ventilation. ◦ Overload or internal fault.	◦ Ensure the adapter is in a well-ventilated area, not covered. ◦ Disconnect immediately. If the issue persists, discontinue use and contact support.

If troubleshooting steps do not resolve the issue, please contact customer support.

8. Specifications

- **Input:** 100-240V AC, 50-60Hz
- **Output:** Matches OEM specifications for compatible LG TV models
- **Protection Features:** OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
- **Certifications:** CE, FCC, RoHS
- **Color:** Black
- **Connector Type:** Auxiliary (DC output), 2 Pin (AC input)
- **Compatible Devices:** LG 22MT45D, 22MT45V, 22MT45DP, 22MT45VP, 22MT44D, 22MT44DP, 24MT45D, 24MT45V LCD LED TVs

9. Warranty and Customer Support

PK Power products are designed for reliability. For any questions, concerns, or technical assistance, please contact our customer service team.

- **Customer Service:** Our friendly and reliable customer service will respond to you within 24 hours. Refer to your purchase documentation for specific contact details or visit the PKPOWER store on Amazon.
- **Return Policy:** A 30-day refund/replacement policy is typically offered. Please check your purchase details for specific terms.

For more information, you may visit the officialPKPOWER Store.

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