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PKPOWER AC/DC Adapter

PK Power AC/DC Adapter User Manual

For Scian LD582 & LD586 Digital Blood Pressure Monitors

1. Introduction and Overview

This manual provides essential information for the safe and effective use of your PK Power AC/DC Adapter. This adapter is designed to provide reliable power to compatible devices, specifically the Scian LD582 and LD586 Digital Blood Pressure Monitors. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: PK Power AC/DC Adapter. This image shows the compact black adapter unit with its attached power cord and standard US two-prong wall plug.

2. Safety Information

Your safety is paramount. Observe the following precautions:

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose it to water, moisture, or high humidity.
- **Proper Ventilation:** Ensure adequate ventilation around the adapter during operation. Do not cover it or place it in an enclosed space that could restrict airflow.
- **Voltage Compatibility:** This adapter supports a wide input voltage range (100-240V AC). Ensure your wall outlet voltage is within this range.
- **Protection Features:** The adapter is equipped with Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices.
- **Handle with Care:** Do not drop, disassemble, or attempt to repair the adapter. Refer all servicing to qualified personnel.
- **Cable Integrity:** Do not pull on the cord to disconnect the adapter from the outlet. Always grasp the plug firmly. Avoid bending or crimping the cable excessively.
- **Certifications:** This product is CE, FCC, and RoHS certified, indicating compliance with relevant safety and environmental standards.

3. Setup

Follow these steps to set up your PK Power AC/DC Adapter:

1. **Unpack:** Carefully remove the adapter from its packaging.
2. **Connect to Device:** Locate the power input port on your Scian LD582 or LD586 Digital Blood Pressure Monitor. Insert the barrel connector of the adapter firmly into this port.
3. **Connect to Power Outlet:** Plug the two-prong wall plug of the adapter into a standard electrical wall outlet (100-240V AC, 50/60Hz).
4. **Verify Connection:** Ensure both connections are secure. Your blood pressure monitor should now receive power.



Figure 2: Adapter showing the barrel connector. This image provides a side view of the adapter, highlighting the barrel-shaped output connector at the end of the cable.

4. Operating Instructions

The PK Power AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable and consistent power supply to your Scian blood pressure monitor, allowing it to function correctly.

- Once connected, the adapter will supply power to your device.
- No user interaction is required for the adapter's operation beyond proper connection.
- Always disconnect the adapter from the wall outlet when not in use for extended periods.

5. Maintenance

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

- **Cleaning:** Before cleaning, always unplug the adapter from the wall outlet. Use a soft, dry cloth to wipe the exterior of the adapter. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly winding the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of damage, such as cuts, fraying, or exposed wires. If damage is found, discontinue use immediately and replace the adapter.



Figure 3: Adapter showing the wall plug. This image displays the adapter with a clear view of the two-prong US wall plug and the coiled power cord.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly plugged into wall outlet or device.	Ensure all connections are secure and fully inserted. Try a different wall outlet.

Problem	Possible Cause	Solution
Adapter feels warm during use.	Normal operation.	It is normal for power adapters to generate some heat during operation. If it feels excessively hot or emits smoke/odor, unplug immediately and discontinue use.
Device powers on intermittently.	Loose connection or damaged cable/adapter.	Check connections. Inspect the cable for damage. If damaged, replace the adapter.

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

7. Specifications

Feature	Detail
Model	AC/DC Adapter (Compatible with Scian LD582, LD586)
Input Voltage	100-240V AC, 50/60Hz
Output	Specific output voltage/current not provided, designed for Scian LD582/LD586 monitors.
Connector Type	Barrel Connector
Compatible Devices	Scian LD582 Digital Blood Pressure Monitor, Scian LD586 Digital Blood Pressure Monitor
Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Certifications	CE, FCC, RoHS
Manufacturer	PKPOWER

8. Warranty and Support

PK Power products are manufactured to high standards. For any questions, concerns, or technical assistance, please contact PKPOWER customer service. Our friendly and reliable customer service team is committed to responding to your inquiries promptly.
Please refer to your purchase documentation for specific warranty terms and conditions.
Contact Information:

Visit the PKPOWER Store on Amazon: PKPOWER Store

Refer to your product packaging or purchase invoice for direct contact details.

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