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PKPOWER APS-40

PK Power AC/DC Adapter (APS-40) User Manual

For A-Bus Russound ABUS 24VDC Power Supply

Introduction

This manual provides essential instructions for the safe and effective use of your PK Power AC/DC Adapter, specifically designed for A-Bus APS-40 Russound ABUS 24VDC systems. Please read this manual thoroughly before use and retain it for future reference.

Safety Information

- Ensure the adapter is used with devices requiring 24VDC power and compatible with the A-Bus APS-40 Russound ABUS system.
- The input voltage range for this adapter is **100-240V AC, 50-60Hz**. Do not connect to power sources outside this range.
- This adapter features built-in protection mechanisms:
  - **OVP** (Over Voltage output Protection): Prevents damage from excessive output voltage.
  - **OCP** (Over Current output Protection): Protects against excessive output current.
  - **SCP** (Short Circuit output Protection): Safeguards against short circuits.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open or repair the adapter. Refer all servicing to qualified personnel.
- Keep out of reach of children.

Package Contents

Please verify that all items are present in the package:

- 1 x PK Power AC/DC Adapter (Model APS-40)
- 1 x AC Input Power Cable



Image: The PK Power AC/DC Adapter shown with its detachable AC input power cable and the DC output cable.

Setup

1. **Identify Components:** Locate the main adapter unit, the AC input power cable (with a standard wall plug on one end and a 3-prong connector for the adapter on the other), and the DC output cable (permanently attached to the adapter, ending in a barrel connector).
2. **Connect AC Input Cable:** Insert the 3-prong connector of the AC input power cable firmly into the corresponding port on the PK Power AC/DC Adapter.



Image: A view of the adapter's side, highlighting the AC input port where the power cable connects and the DC output cable.

3. **Connect DC Output Cable:** Plug the barrel connector of the DC output cable into the designated 24VDC power input port on your A-Bus APS-40 Russound ABUS system. Ensure a secure connection.
4. **Connect to Power Outlet:** Insert the wall plug of the AC input power cable into a standard electrical outlet (100-240V AC).
5. **Verify Power:** Once connected, your A-Bus system should receive power. Check the system's indicators for proper operation.

Operating Instructions

The PK Power AC/DC Adapter is designed for continuous operation. Once properly set up, it will provide stable 24VDC power to your compatible device.

- Ensure all connections are firm before applying power.
- The adapter is designed to automatically regulate voltage and current within its specifications.
- If the connected device has its own power switch, use that to turn the device on or off.
- To disconnect power, first unplug the AC input cable from the wall outlet, then disconnect the DC output cable from your device.

Maintenance

- **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 solvents.
- **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 cables and adapter housing for any signs of damage, such as cuts, fraying, or cracks. If damage is found, discontinue use and replace the adapter.

Troubleshooting

Problem	Possible Cause	Solution
No power to device	AC input cable not fully connected. DC output cable not fully connected. Wall outlet is not functioning. Adapter or cable is damaged. Device power switch is off.	Ensure AC input cable is securely plugged into both the adapter and the wall outlet. Ensure DC output cable is securely plugged into the device. Test the wall outlet with another appliance. Inspect adapter and cables for visible damage. If damaged, replace the unit. Turn on the device's power switch.
Device not charging/functioning correctly	Incorrect adapter for the device. Device fault.	Verify that your device requires 24VDC and is compatible with the APS-40 model. Consult your device's manual or manufacturer for troubleshooting.

Specifications

Brand	PKPOWER
Model	APS-40
Input Voltage	100-240V AC, 50-60Hz

Output Voltage	24V DC
Connector Type	Auxiliary (Barrel Connector)
Compatible Devices	A-Bus APS-40 Russound ABUS systems requiring 24VDC
Protection Features	OVP, OCP, SCP
Certifications	CE, FCC, RoHS
Color	Black
Included Components	Adapter, AC Input Cable

Customer Support

For any questions, concerns, or assistance with your PK Power AC/DC Adapter, please contact our customer service team. We are committed to providing reliable support and aim to respond to inquiries within 24 hours.
Specific contact details (e.g., email, phone number, website) would typically be provided here by the manufacturer.

Warranty Information

PK Power products are manufactured to high standards. While specific warranty terms may vary, please retain your proof of purchase for any warranty claims. For detailed warranty information, please refer to the official PKPOWER website or contact customer support.

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