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PKPOWER 78081

PKPOWER 9V AC DC Adapter User Manual

For Sportcraft Electronic Dartboard Model 78081

1. Introduction

This manual provides essential instructions for the safe and effective use of your PKPOWER 9V AC DC Adapter. This adapter is specifically designed as a replacement power charger for the Sportcraft Electronic Dartboard Model 78081. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

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

- Use the adapter only with compatible devices, specifically the Sportcraft Electronic Dartboard Model 78081.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impact.
- Do not attempt to open, modify, or repair the adapter. Refer servicing to qualified personnel.
- Ensure the power outlet voltage matches the adapter's input specifications (100-240V).
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.

3. Product Overview

The PKPOWER 9V AC DC Adapter is a compact and reliable power supply unit. It features multiple protection mechanisms to ensure the safety of your device and the adapter itself.



Figure 3.1: PKPOWER 9V AC DC Adapter. This image shows the main adapter unit with its integrated power cord, ready for connection.

Key Features:

- **Input:** 100-240V AC, 50-60Hz, allowing for international compatibility.
- **Output:** 9V DC, 2 Amps, providing stable power for compatible devices.
- **Safety Certifications:** CE, FCC, RoHS certified, ensuring compliance with safety and environmental standards.

- **Advanced Protection:** Equipped with Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices.



Figure 3.2: Multiple Protection Features. This diagram illustrates the various safety protections integrated into the adapter, including over voltage, over current, over temperature, quality microchip, electromagnetic wave, and short circuit protection.

4. Setup and Connection

Follow these steps to properly connect your PKPOWER AC DC Adapter to your Sportcraft Electronic Dartboard Model 78081:

1. **Verify Compatibility:** Ensure your device is the Sportcraft Electronic Dartboard Model 78081. This adapter is specifically designed for this model.
2. **Connect to Device:** Locate the power input port on your Sportcraft Electronic Dartboard. Insert the barrel connector of the PKPOWER adapter firmly into this port.

3. **Connect to Power Outlet:** Plug the adapter's AC prongs into a standard electrical wall outlet (100-240V, 50/60Hz).
4. **Power On:** Once connected, your dartboard should receive power. Refer to your dartboard's manual for specific power-on procedures.

Note: *Always connect the adapter to the device first, then to the wall outlet.*

5. Operating Instructions

The PKPOWER 9V AC DC Adapter operates automatically once connected. It converts the AC wall power to the required 9V DC power for your Sportcraft Electronic Dartboard Model 78081.

- The adapter is designed for continuous operation within its specified limits.
- No user intervention is required for its basic function.
- If the dartboard is not functioning, ensure the adapter is securely plugged into both the dartboard and the wall outlet.

6. Maintenance

The PKPOWER AC DC Adapter requires minimal maintenance:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **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 cuts, fraying, or bent prongs. If damage is observed, discontinue use immediately and replace the adapter.

7. Troubleshooting

Problem	Possible Cause	Solution
Dartboard does not power on.	Adapter not properly connected to dartboard or wall outlet.	Ensure both ends of the adapter are securely plugged in. Try a different wall outlet.
Dartboard powers on intermittently.	Loose connection or damaged cable/adapter.	Check for loose connections. Inspect the cable and adapter for visible damage. If damaged, replace the adapter.
Adapter feels unusually hot.	Overload or poor ventilation.	Ensure the adapter is not covered. Disconnect and allow to cool. If overheating persists, discontinue use and contact support.
Adapter is not compatible with my device.	Incorrect device model.	This adapter is specifically for Sportcraft Electronic Dartboard Model 78081. Verify your device model.

8. Specifications

Feature	Detail
Brand	PKPOWER
Model	Replacement for Sportcraft Electronic Dartboard Model 78081
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	9V DC
Current Rating	2 Amps
Connector Type	Barrel Connector
Product Dimensions	Approximately 4 x 2 x 0.5 inches (adapter unit)
Item Weight	Approximately 4 ounces
Color	Black
Certifications	CE, FCC, RoHS
Special Features	Over Voltage Protection (OVP), Over Current Protection (OCP), Short Circuit Protection (SCP)



Figure 8.1: Product Dimensions. This image provides a visual representation of the adapter's physical size, including its length, width, and height, along with the cable length.

9. Warranty and Support

PKPOWER products are manufactured to high standards. For any inquiries or assistance, please refer to the following:

- **Customer Service:** Our friendly and reliable customer service team is available to respond to your inquiries within 24 hours.
- **Warranty Information:** Specific warranty details may vary. Please refer to the product packaging or contact PKPOWER customer service for comprehensive warranty information.
- **Contact:** For support, please visit the PKPOWER Store on Amazon or contact your retailer.

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