UPBRIGHT RadioShack PRO-2096 PRO2096 Power Supply

UPBRIGHT 13.5V AC/DC Adapter User Manual for RadioShack PRO-2096 Scanning Receiver

Model: RadioShack PRO-2096 PRO2096 Power Supply

1. Introduction

This manual provides essential instructions for the safe and efficient use of your UPBRIGHT 13.5V AC/DC Adapter. This power supply is designed to be compatible with the RadioShack PRO-2096 Scanning Receiver and similar devices requiring a 13.5V DC input.

Please read this manual thoroughly before using the product and retain it for future reference.



Image 1.1: The UPBRIGHT 13.5V AC/DC Adapter, showing the main unit and attached power cord.

2. Safety Information

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

- Use only with devices that specify a 13.5V DC input and compatible connector type.
- 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 or modify the adapter. There are no user-serviceable parts inside.

- Unplug the adapter from the power outlet when not in use for extended periods.
- Ensure proper ventilation around the adapter during operation to prevent overheating.
- This adapter features Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) for enhanced safety.

3. Package Contents

Verify that all items are present in your package:

- 1 x UPBRIGHT 13.5V AC/DC Adapter. (Note: Depending on your purchase, this may include one main adapter unit and one regional outlet adapter for international use.)

4. Setup

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

1. **Verify Connector Compatibility:** Ensure the adapter's barrel connector matches the input port of your RadioShack PRO-2096 Scanning Receiver. The correct connector typically has a pin inside.



Image 4.1: Guide for identifying the correct adapter tip. The compatible tip has a pin inside, while tips without a pin or small tips are incompatible.

2. **Connect to Device:** Insert the barrel connector of the UPBRIGHT adapter firmly into the DC input jack of your RadioShack PRO-2096 Scanning Receiver.
3. **Connect to Power Outlet:** Plug the AC end of the adapter into a standard wall power outlet (100-240VAC, 50/60Hz).
4. **International Use (if applicable):** If you are using the adapter internationally, ensure you have the correct regional outlet adapter.



Image 4.2: Examples of international outlet adapters (AU, EU, UK) that may be included for international orders to ensure compatibility with local power sockets.

5. Operating Instructions

Once properly connected, the UPBRIGHT 13.5V AC/DC Adapter will supply power to your RadioShack PRO-2096 Scanning Receiver. The adapter operates automatically when plugged into a live power outlet and connected to the device.

- Ensure the power outlet is functioning correctly.
- The adapter is designed for continuous operation but should be unplugged when the device is not in use for extended periods.

6. Maintenance

Proper care will extend the life of your adapter:

- **Cleaning:** Disconnect the adapter from both 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:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires or cracked casing. If damage is found, discontinue use immediately.

7. 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 in. ◦ Power outlet is not active. ◦ Incorrect adapter tip or voltage. ◦ Damaged adapter or cable.	◦ Ensure all connections are secure. ◦ Test the outlet with another device. ◦ Verify the adapter specifications match your device's requirements (13.5V DC). ◦ Inspect the adapter and cable for visible damage. If damaged, replace the adapter.
Adapter feels excessively hot.	◦ Poor ventilation. ◦ Overload or short circuit.	◦ Ensure the adapter is in an open area with good airflow. ◦ Disconnect the adapter immediately. Check the device for any issues that might cause an overload or short circuit.

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

8. Specifications

Feature	Detail
Brand	UPBRIGHT
Model Number	RadioShack PRO-2096 PRO2096 Power Supply
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	13.5 Volts (DC)
Output Current	1 Amps
Wattage	24 watts
Connector Type	Barrel Connector
Compatible Devices	Scanning Receivers (e.g., RadioShack PRO-2096)

Feature	Detail
Special Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Product Dimensions	3 x 3 x 1 inches
Item Weight	0.01 ounces

9. Warranty and Support

UPBRIGHT products are designed for reliability and performance.

- **Warranty:** This product typically comes with a 30-day refund policy and a 24-month exchange warranty from UPBRIGHT. Please refer to your purchase documentation for specific warranty terms.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact UPBRIGHT customer service through the retailer where the product was purchased or visit the official UPBRIGHT website for contact information.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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