

SupplySource Global 12V AC/DC Adapter

SupplySource Global 12V AC/DC Adapter User Manual

For AOR AR8000, AR8200, AR8200Mk3, AR1500 Scanner Wide Range Receiver Radios

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your SupplySource Global 12V AC/DC Adapter. This power supply is designed to provide reliable 12V DC power to compatible devices, including AOR AR8000, AR8200, AR8200Mk3, and AR1500 scanner wide range receiver radios.

Important Notice: Before connecting, ensure the DC output voltage and tip size of this adapter are compatible with your device. For prolonged use, ensure adequate ventilation and avoid placing the adapter on heat-sensitive surfaces.

SAFETY INFORMATION

The SupplySource Global 12V AC/DC Adapter incorporates multiple safety features to protect your devices and ensure safe operation. These features include:

- **Over Charge Protection:** Prevents damage from excessive charging.
- **Over Voltage Protection:** Safeguards against input voltage surges.
- **Short-circuit Protection:** Automatically cuts power in case of a short circuit.
- **Over Current Protection:** Protects against excessive current flow.
- **Over Temperature Protection:** Prevents overheating of the adapter.

This adapter is certified with CE and FCC standards, indicating compliance with health, safety, and environmental protection standards.

BUILT IN WITH SAFETY ELECTRONICS



Over Charge Protection



Over Voltage Protection



Short-circuit Protection



Over Current Protection



Over Temp Protection



24 Months Warranty



Figure 1: Adapter highlighting built-in safety electronics.

SETUP

Follow these steps to properly set up your AC/DC adapter:

1. **Verify Compatibility:** Before connecting, confirm that your device requires a 12V DC input and that the adapter's barrel connector tip size matches your device's power input port. Incompatible connections can cause damage.
2. **Connect to Device:** Insert the barrel connector of the adapter cable firmly into the power input port of your AOR scanner radio or other compatible device.
3. **Connect to Power Outlet:** Plug the adapter's 2-pin main power connector into a standard 100-240V AC wall outlet.
4. **Power On:** Once connected, your device should receive power. Refer to your device's manual for specific power-on procedures.

OPERATING INSTRUCTIONS

The SupplySource Global 12V AC/DC Adapter is designed for straightforward operation. Once properly connected, it provides continuous power to your compatible device.

- **Input Voltage:** The adapter supports a wide input voltage range of 100-240V AC, making it suitable for

global use.

- **Output Voltage:** It provides a stable 12V DC output.
- **Continuous Use:** The power supply is designed for continuous operation. Ensure it is placed in a well-ventilated area to prevent heat buildup.

MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and your 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 extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Cable Care:** Regularly inspect the power cord for any signs of damage, such as fraying or cuts. Do not use the adapter if the cable is damaged. Avoid bending the cable sharply or placing heavy objects on it.

TROUBLESHOOTING

If you encounter issues with your adapter, refer to the following common troubleshooting steps:

- **No Power to Device:**
 - Ensure the adapter is securely plugged into both the wall outlet and your device.
 - Check if the wall outlet is functional by plugging in another device.
 - Verify that the adapter's specifications (voltage, tip size) match your device's requirements.
- **Intermittent Power:**
 - Check for loose connections at both ends of the adapter cable.
 - Inspect the cable for any visible damage. A damaged cable may cause intermittent power.
- **Adapter is Hot:**
 - It is normal for the adapter to feel warm during operation. However, if it becomes excessively hot, disconnect it immediately.
 - Ensure the adapter is in a well-ventilated area and not covered by anything that could trap heat.

If these steps do not resolve the issue, discontinue use and contact customer support.

SPECIFICATIONS

Brand	SupplySource
Input Voltage	100-240V AC
Output Voltage	12V DC
Frequency Range	60 Hz
Connector Type	Barrel Connector
Main Power Connector Type	2 Pin (US Standard)
Cable Length	Approximately 4 feet (1.2 meters)

Compatible Devices	AOR AR8000, AR8200, AR8200Mk3, AR1500 Scanner Radios, and other devices requiring 12V DC with matching tip.
Certifications	CE, FCC
Material	Metal, Plastic
Mounting Type	Wall Mount



Figure 2: Adapter with approximate 4-foot cable length indicated.

WARRANTY INFORMATION

This SupplySource Global 12V AC/DC Adapter comes with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. Please retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact SupplySource customer support through your retailer or the official SupplySource website. Please have your product model

information and purchase details ready when contacting support.