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› SupplySource AC/DC Adapter User Manual for Radio Shack and Archer Compatible Models

SupplySource 273-1454D

AC/DC Adapter User Manual

Brand: SupplySource | Model: 273-1454D and compatible models

INTRODUCTION

This user manual provides important information regarding the safe operation, installation, and maintenance of your SupplySource AC/DC Adapter. Please read this manual thoroughly before using the product and retain it for future reference. This adapter is designed to provide reliable power for various compatible devices, including specific Radio Shack and Archer models.

IMPORTANT SAFETY INFORMATION

WARNING: To reduce the risk of fire or electric shock, carefully follow these instructions.

- Ensure the DC output and tip size of the AC adapter are compatible with your device before connecting. Incompatible connections can cause damage.
- Do not expose the adapter to rain or moisture.
- Keep the adapter in a well-ventilated area during use. Avoid placing it on soft surfaces like carpets or beds that can block ventilation openings.
- Do not place the adapter on or near heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Unplug the adapter during lightning storms or when unused for long periods.
- This adapter is manufactured with multiple smart features safeguarding against incorrect voltage, short circuits, and internal overheating.

PRODUCT OVERVIEW



Figure 1: The SupplySource AC/DC Adapter, showing the main power brick with a US plug and the attached DC output cable, neatly coiled and secured with a hook-and-loop strap.

Components

- 1 x AC/DC Power Adapter (Charger) with integrated cable

SETUP

Initial Connection

1. **Verify Compatibility:** Before connecting, confirm that the voltage, current, and connector type of this adapter match the requirements of your device. This adapter is compatible with Radio Shack Cat. No. 273-1454D, 2731454D, 273-1454, 273-7004, Archer Cat No. 273-1454A, 273-1454C, and 2731454A.
2. **Connect to Device:** Insert the DC output plug of the adapter firmly into the power input port of your electronic device.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 100-240V AC wall outlet.
4. **Power On Device:** Once connected, power on your device as usual. The adapter will begin supplying power or charging the device's battery.

OPERATING INSTRUCTIONS

Basic Operation

- The adapter is designed for continuous operation within its specified input voltage range (100-240V AC).
- Ensure the adapter is not covered during operation to allow for proper heat dissipation.
- If the adapter feels excessively hot to the touch, disconnect it from the power outlet and your device immediately. Allow it to cool down before re-connecting, and ensure proper ventilation.
- The adapter automatically protects against overcharge, over voltage, short-circuit, over current, and over temperature conditions.

MAINTENANCE

Cleaning and Storage

- **Cleaning:** Disconnect the adapter from both the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosol cleaners.
- **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 cord is damaged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on/charging.	Adapter not properly connected; incompatible voltage/connector; faulty outlet.	Ensure all connections are secure. Verify adapter compatibility with your device. Test the outlet with another device.
Adapter feels hot.	Lack of ventilation; overloaded circuit; prolonged use.	Ensure adapter is in a well-ventilated area. Disconnect and allow to cool. Check device power requirements.
Sparkling when plugging in.	Normal inrush current; loose outlet.	A small spark is normal. If sparking is excessive or continuous, discontinue use and consult an electrician. Ensure outlet is not loose.

BUILT IN WITH SAFETY ELECTRONICS



Over Charge
Protection



Over Voltage
Protection



Short-circuit
Protection



Over Current
Protection



Over Temp
Protection



24 Months
Warranty



Figure 2: The adapter features built-in safety electronics, including protection against overcharge, over voltage, short-circuit, over current, and over temperature.



Figure 3: The adapter's cable length is approximately 4 feet (1.2 meters), providing ample reach for various setups.

Feature	Detail
Input Voltage Range	100-240V AC
Input Frequency	50-60Hz
Cable Length	4 Feet (approx. 1.2 meters)
Connectivity Technology	DC Barrel
Connector Type	Barrel Connector
Included Components	1 x Charger

Feature	Detail
Safety Certifications	CE, FCC
Special Features	Short-circuit protection, Overcharge protection, Over voltage protection, Over current protection, Over temperature protection

WARRANTY AND SUPPORT

Warranty Information

- **30 Days Money Back Guarantee:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **60 Days Free Exchange:** Within 60 days of purchase, you are eligible for a free exchange with a paid return label.
- **720 Days Worry-Free Warranty:** A 720-day warranty covers defects in materials and workmanship.

Customer Support

For any questions or concerns regarding your SupplySource AC/DC Adapter, please feel free to contact our customer support team. We are committed to assisting you with any inquiries you may have.