

UPBRIGHT RadioShack MD-981 Archer 273-1455 9V PSU

UPBRIGHT 9V AC/DC Adapter Instruction Manual

For RadioShack MD-Series Keyboards and Compatible Devices

1. PRODUCT OVERVIEW

The UPBRIGHT 9V AC/DC Adapter is designed to provide reliable power to a range of electronic devices, including various RadioShack MD-series MIDI keyboards, pianos, cassette players, and radios. It features a wide input voltage range (100-240VAC) for global compatibility and incorporates multiple safety protections to ensure secure operation.

What's in the Box

- 1 x UPBRIGHT 9V AC/DC Adapter

Key Features

- **World Wide Input Voltage:** 100-240VAC 50/60Hz, allowing for international use with appropriate plug adapters.
- **Safety Protections:** Includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) for enhanced device safety.
- **Broad Compatibility:** Designed for various RadioShack models such as MD-981, MD-992, MD-1210, MD-1121, MD-1200, MD-1600, Archer Cat. No. 273-1455, 42-4045, 42-4043, 42-4012, 42-4058, 273-1656, and more.
- **Durable Construction:** Tested for reliability and designed for long-term performance.

2. SETUP INSTRUCTIONS

Follow these steps to correctly set up your UPBRIGHT 9V AC/DC Adapter:

1. **Verify Device Compatibility:** Ensure your device requires a 9V DC power input and that its current draw does not exceed 1A. The adapter is compatible with devices requiring 9VDC 0.3A to 1A.
2. **Check Connector Size:** The adapter features a 5.0 to 5.5mm coaxial power jack. Confirm this matches your device's power input port.
3. **Confirm Polarity:** This adapter is designed for devices with a center-positive polarity. Incorrect polarity can damage your device. Refer to your device's manual or power input label to confirm its required polarity.

Image: Correct (center-positive) and incorrect (center-negative) polarity for barrel connectors. Ensure your device matches the center-positive configuration.

4. **Connect the Adapter:** Plug the barrel connector of the adapter into your device's power input port.
5. **Connect to Power Outlet:** Insert the AC plug of the adapter into a standard 100-240VAC wall outlet.

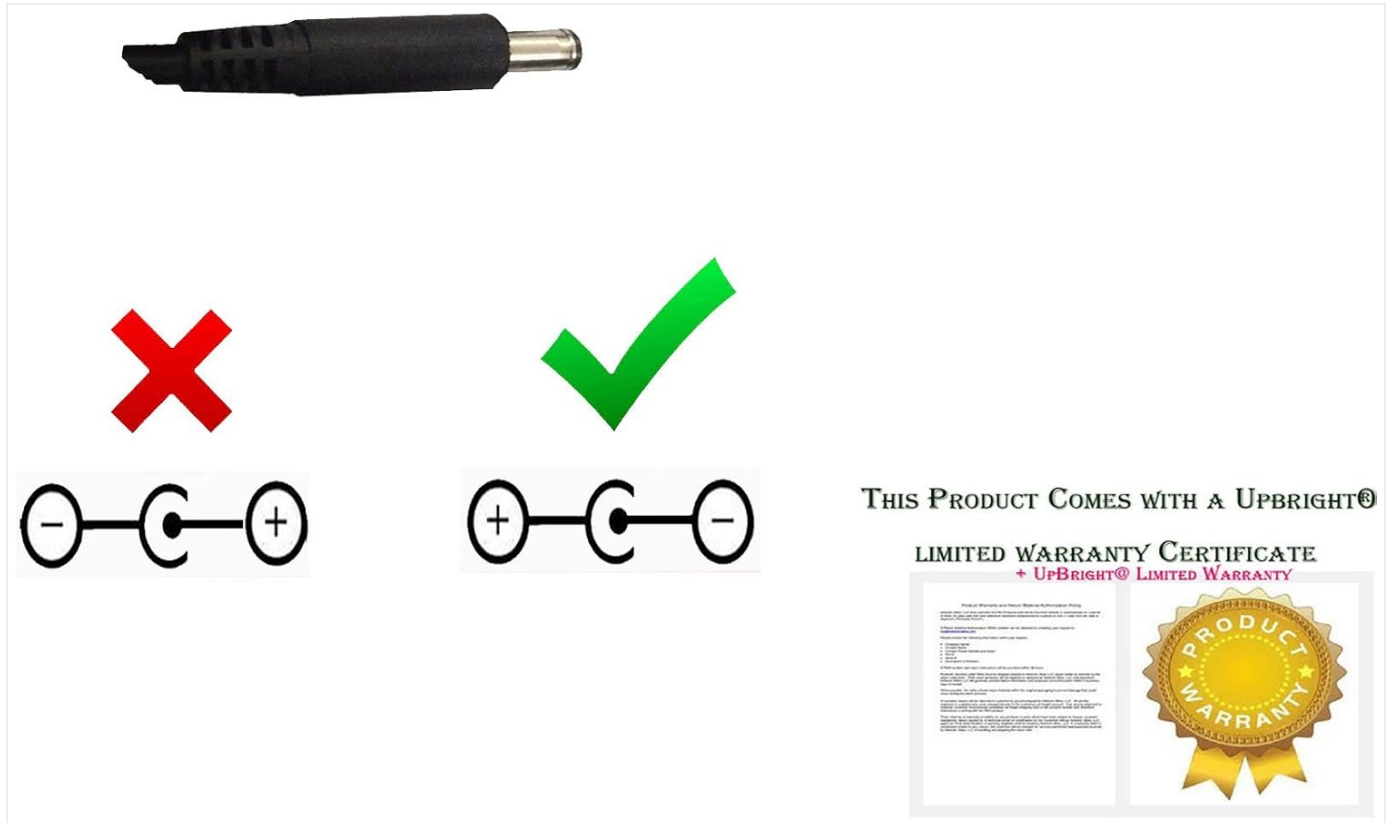


Image: The UPBRIGHT 9V AC/DC Adapter, showing the main unit and its attached power cable with a barrel connector.



Image: A detailed view of the barrel connector, which plugs into the electronic device.

3. OPERATING GUIDELINES

Once connected, the adapter will supply continuous power to your device. No further user interaction is typically required for basic operation.

- Ensure the adapter is plugged into a functional power outlet.
- Avoid using the adapter in environments with extreme temperatures or high humidity.
- Disconnect the adapter from the power outlet when not in use for extended periods.

Compatibility Examples

This adapter is compatible with a wide range of devices. Below are some examples of devices that can be powered by this adapter:

- RadioShack MD-981, MD-992, MD-1210, MD-1121, MD-1200, MD-1600 MIDI Keyboards

- Archer Cat. No. 273-1455, 42-4045, 42-4043, 42-4012, 42-4058, 273-1656
- Realistic Archer Radio Shack Tandy Corp. Cat. No. # 273-1455, 2731455, 273-1455A, 273-1455B, 273-1455D, 2731455D
- Optimus MD-1200, MD1200 Cat. No. 42-4041, MD-1600, MD1600 Cat. No. 42-4043 Electronic Keyboards
- Radio Shack MD-1210 Cat. No. 42-4045, 424045, MD-1160 MIDI Synthesizer Keyboards
- Radio Shack MD982, MD-982 MIDI Keyboard Pianos
- Radio Shack MD-1121 Cat. No. 42-4058 Musical Keyboards
- Radio Shack Pro-33 Pro33 Handheld Scanners
- RadioShack Concertmate Boss Roland Keyboard Piano Synthesizers
- Tandy Portable CD Players
- RadioShack TAD-250 43-315 43315 Telephone Appliances

4. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your UPBRIGHT AC/DC Adapter, follow these care and maintenance guidelines:

- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the adapter. Do not use liquid cleaners or aerosols.
- **Handling:** Avoid dropping the adapter or subjecting it to strong impacts. Do not pull the cable forcefully to disconnect it from the outlet or device.
- **Environmental Conditions:** This adapter is not waterproof. If using outdoors, ensure it is protected from moisture and precipitation.

5. TROUBLESHOOTING

If you encounter issues with your UPBRIGHT AC/DC Adapter, consider the following troubleshooting steps:

- **No Power to Device:**
 - Ensure the adapter is securely plugged into both the wall outlet and your device.
 - Verify the wall outlet is functional by testing it with another appliance.
 - Confirm that your device's power requirements (voltage and current) match the adapter's output (9V, 0.3A-1A).
 - Check the polarity of the adapter against your device's requirements (center-positive is standard for this adapter).
- **Device Malfunction:**
 - If your device is not functioning correctly, ensure the adapter's output voltage and current are within the device's specified range.
 - Disconnect and reconnect the adapter to reset the power connection.
- **Adapter Overheating:**
 - While the adapter has Over Temperature Protection, excessive heat can indicate an issue. Ensure the adapter is not covered or in an enclosed space that restricts airflow.
 - If overheating persists, discontinue use and contact support.

6. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	UPBRIGHT

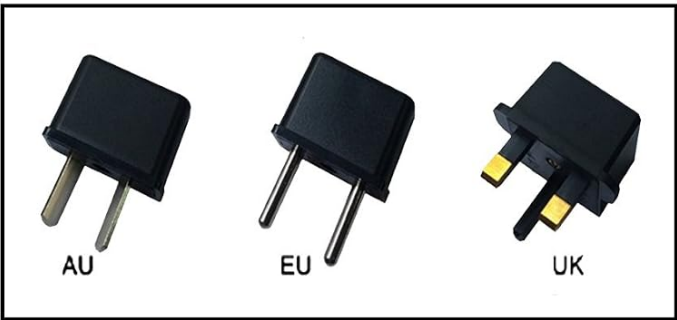
Model Number	RadioShack MD-981 Archer 273-1455 9V PSU
Input Voltage	100-240 Volts (AC)
Output Voltage	9 Volts (DC)
Output Current	300 Milliamps (0.3A) - 1 Amp (1000mA)
Wattage	2.7 Watts
Frequency Range	50/60 Hz
Connector Type	Barrel Connector (5.0 to 5.5mm coaxial)
Polarity	Center Positive
Power Plug Type	Type A - 2 pin (North American)
Safety Features	OVP, OCP, SCP (Over Voltage, Over Current, Short Circuit Protection)
Included Components	1 x AC Adapter

7. WARRANTY AND SUPPORT

Your UPBRIGHT 9V AC/DC Adapter comes with a limited warranty to ensure your satisfaction and product reliability.

- **Warranty Period:** 30 Days Refund, 24 Months Exchange.
- **Return Policy:** 30-day refund/replacement policy from the date of purchase.
- **Support:** For any questions, technical assistance, or warranty claims, please contact the seller or refer to the product's purchase platform for support options.

Come With A Suitable Outlet Adapter (Only One) to Fit
Your Country/Area For International Order



THIS PRODUCT COMES WITH A UPBRIGHT®

LIMITED WARRANTY CERTIFICATE
+ UpBright® LIMITED WARRANTY

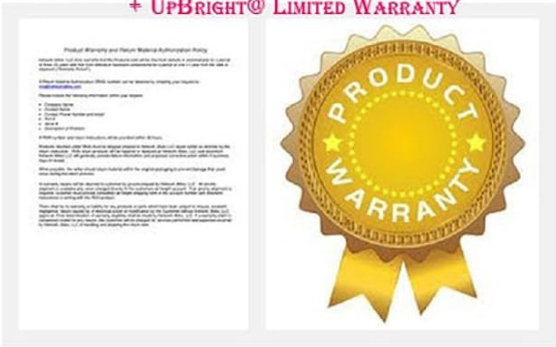


Image: Example of international plug adapters and a warranty certificate, indicating global compatibility and product assurance.

8. PRODUCT VIDEOS

DC 9V Power Supply for Guitar Pedal



Video: This video demonstrates the use of a 9V power supply with a guitar pedal, showcasing its functionality and compatibility with musical equipment.

9V 1A AC DC Power Supply Overview



Video: A brief overview of a 9V 1A AC DC power supply, highlighting its features and design.

9V 0.6A Power Supply Demonstration



Video: This video demonstrates the functionality of a 9V 0.6A power supply, showing its connection and operation.

Universal 9V Power Supply with Interchangeable Jacks



Video: A demonstration of a universal 9V power supply featuring multiple interchangeable jacks for broad compatibility with various devices.

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