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> MDCGPower AC/DC Adapter User Manual for ICOM IC-M7, IC-M11 Transceivers

## MDCGPower AC/DC Adapter

# MDCGPower AC/DC Adapter User Manual

Compatible with ICOM IC-M7, IC-M11 Transceiver Radios

## 1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Do not expose to liquids:** Keep the adapter away from water, rain, or excessive moisture.
- **Indoor use only:** This adapter is designed for indoor use. Do not use it outdoors.
- **Proper ventilation:** Ensure the adapter has adequate ventilation. Do not cover it or place it in an enclosed space during operation.
- **Avoid extreme temperatures:** Do not operate the adapter in extremely hot or cold environments.
- **Handle with care:** Do not drop, disassemble, or attempt to repair the adapter yourself. Refer all servicing to qualified personnel.
- **Correct voltage:** Ensure the wall outlet voltage matches the input voltage range specified on the adapter (100-240VAC).
- **Unplug when not in use:** Disconnect the adapter from the power outlet when not in use for extended periods.

## 2. PRODUCT OVERVIEW

The MDCGPower AC/DC Adapter is designed to provide reliable power to compatible devices, specifically ICOM IC-M7 and IC-M11 Transceiver Radios. It features a compact design and multiple safety protections.

### Key Features:

- **Wide Input Voltage:** Supports 100-240VAC, 50/60Hz for global compatibility.
- **Safety Protection:** Built-in safeguards against over current, over voltage, and short circuits.
- **Compact and Portable:** Lightweight design for easy storage and travel.
- **Durable Construction:** Made with high-quality materials for longevity.



*Image 2.1: The MDCGPower AC/DC Adapter features multiple protection mechanisms, including over current, over voltage, and short circuit protection, ensuring device safety.*

# Compact and Portable



Image 2.2: The adapter's compact dimensions (approximately 1.58 inches by 2.92 inches) make it highly portable and easy to store.

## 3. SETUP INSTRUCTIONS

Follow these steps to properly set up your MDCGPower AC/DC Adapter with your compatible device.

1. **Verify Compatibility:** Before connecting, ensure your device (e.g., ICOM IC-M7, IC-M11 Transceiver) requires the specified voltage and current output of this adapter. Refer to your device's manual for power requirements.
2. **Connect to Device:** Insert the barrel connector end of the adapter cable firmly into the power input port of your ICOM transceiver.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard wall power outlet (100-240VAC).
4. **Power On Device:** Once connected, you can power on your transceiver.

# MULTIPLE PROTECTION



 Over Current Protection

 Over Voltage Protection

 Short Circuit Protection

*Image 3.1: The MDCGPower AC/DC Adapter features a standard barrel connector for connecting to compatible devices.*

## 4. OPERATING INSTRUCTIONS

The MDCGPower AC/DC Adapter operates automatically once connected to a power source and a compatible device.

- **Continuous Power:** The adapter provides continuous power to your device as long as it is plugged into a live electrical outlet.
- **Charging:** If your device has a charging function, the adapter will facilitate charging when connected. Refer to your device's manual for charging indicators and procedures.
- **Disconnection:** To disconnect, first power off your device, then unplug the adapter from the wall outlet, and finally disconnect the barrel connector from your device.

# Wide Application

Compatible with a variety of electronic products



*Image 4.1: While primarily for ICOM transceivers, this adapter's design allows for wide application with various electronic products requiring similar power specifications.*



Image 4.2: The adapter is designed for convenient use in various indoor environments, providing power to your devices.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and safe operation of your AC/DC adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and 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 extreme temperatures when not in use. Avoid wrapping the cable too tightly around the adapter to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of damage, such as frayed wires, cracks, or bent prongs. If damage is found, discontinue use immediately and replace the adapter.

## 6. TROUBLESHOOTING

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If you encounter issues with your MDCGPower AC/DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not powering on/charging	Adapter not properly plugged in; power outlet is not active; device is not compatible; adapter is faulty.	<p>Ensure adapter is fully plugged into both the wall outlet and the device.</p> <p>Test the wall outlet with another device.</p> <p>Verify device compatibility and power requirements.</p> <p>If issues persist, the adapter may need replacement.</p>
Adapter feels hot	Normal operation; poor ventilation; overloaded circuit.	<p>A slight warmth is normal.</p> <p>Ensure the adapter is not covered and has adequate airflow.</p> <p>If it's excessively hot, unplug immediately and discontinue use.</p>
Sparking when plugging in	Normal initial contact spark; faulty outlet; damaged adapter.	<p>A small, brief spark is common.</p> <p>If sparking is continuous or excessive, unplug immediately.</p> <p>Inspect the outlet and adapter for damage. Do not use if damaged.</p>

## 7. SPECIFICATIONS

Technical details for the MDCGPower AC/DC Adapter:

Feature	Detail
Brand	MDCGPower
Input Voltage	100-240VAC, 50/60Hz
Connector Type	Barrel Connector
Compatible Devices	ICOM IC-M7, IC-M11 Transceiver Radios (and other devices requiring similar power specifications)
Color	Black
Item Weight	Approximately 4 Ounces (113 grams)
Manufacturer	Guangzhou Panyu Zhaohong Electronic Factory.

# Safe, Stable, Secure

Intelligent Chip, Premium Copper Wire, Multiple Protection

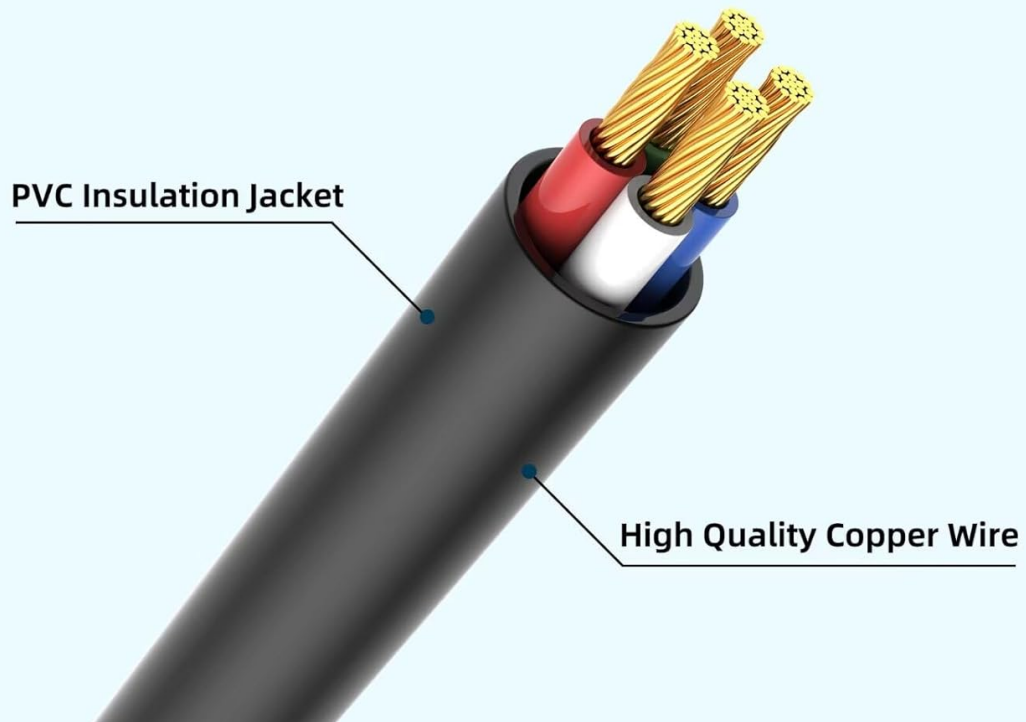


Image 7.1: The adapter features a high-quality copper wire with PVC insulation and an intelligent chip for multiple protections, ensuring safe, stable, and secure power delivery.

## 8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

- **Manufacturer:** Guangzhou Panyu Zhaohong Electronic Factory.
- **Retailer:** Refer to your point of purchase for specific support channels.