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> Marg AC Adapter M3013004203 User Manual for Radio Shack PRO-2041, PRO-2042, PRO-2066, PRO-2037 Scanners

## Marg M3013004203

# Marg AC Adapter User Manual

Model: M3013004203

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Marg AC Adapter, Model M3013004203. This power supply unit is designed to provide reliable power to compatible Radio Shack scanners, including models PRO-2041, PRO-2042, PRO-2066, and PRO-2037. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: Marg AC Adapter (Model M3013004203)

## 2. SAFETY INFORMATION

Your Marg AC Adapter is equipped with advanced safety features to protect your devices and ensure safe operation. Adhere to the following guidelines:

- Do not expose the adapter to water or moisture.
- Avoid extreme temperatures. Operate and store the adapter in a dry, well-ventilated area.
- Do not disassemble or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Ensure the adapter is compatible with your device's voltage and current requirements before connecting.
- Unplug the adapter from the power outlet when not in use for extended periods.

The adapter includes the following built-in protections:

- **Input Overvoltage Protection (OVP):** Safeguards against excessive input voltage.
- **Overheat Protection (OTP):** Prevents damage from high temperatures.

- **Overcurrent Protection (OCP):** Protects against excessive current flow.
- **Short Circuit Protection (SCP):** Automatically shuts down in case of a short circuit.
- **Output Overvoltage Protection:** Protects connected devices from excessive output voltage.

## SAFE & RELIABLE



Short Circuit  
Protection



Over Voltage  
Protection



Over Temperature  
Protection



Over charge  
and over  
discharge protection



Figure 2: Intelligent Protection Chip and Safety Features

# Intelligent Protection Chip



Figure 3: Built-in Safety Protections Overview

## 3. SETUP

1. **Unpack the Adapter:** Carefully remove the Marg AC Adapter from its packaging. Inspect it for any visible damage.
2. **Connect to Power Outlet:** Plug the adapter's two-prong plug into a standard wall power outlet (100-240V AC, 50/60Hz). Ensure the connection is secure.
3. **Connect to Device:** Locate the power input port on your compatible Radio Shack scanner (e.g., PRO-2041, PRO-2042, PRO-2066, PRO-2037). Insert the adapter's output connector firmly into the scanner's power input port.



Figure 4: High Quality Output Cable

## 4. OPERATING INSTRUCTIONS

Once the adapter is properly connected to both the power outlet and your Radio Shack scanner, the scanner should receive power. Follow your scanner's specific instructions for powering on and operation.

- Ensure all connections are firm before powering on your device.
- The adapter is designed for continuous use within its specified limits.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your Marg AC Adapter, follow these simple maintenance steps:

- **Cleaning:** Disconnect the adapter from all power sources 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.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of wear, cuts, or damage. If damage is observed, discontinue use immediately.

## 6. TROUBLESHOOTING

If you encounter issues with your Marg AC Adapter, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly plugged into wall outlet.	Ensure the adapter is securely plugged into a functional wall outlet. Test the outlet with another device.

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly connected to the device.	Verify the output connector is fully inserted into the device's power port.
Device not powering on.	Faulty adapter or device.	If possible, test the adapter with another compatible device or test the device with another known-good power supply. If the adapter is faulty, discontinue use.
Adapter feels unusually hot.	Overload or poor ventilation.	Disconnect the adapter immediately. Ensure it is used in a well-ventilated area and not covered. Verify the connected device's power requirements do not exceed the adapter's specifications.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Marg
Model Number	M3013004203
Compatible Devices	Radio Shack PRO-2041, PRO-2042, PRO-2066, Pro-2037 Scanners
Connector Type	ACC
Color	Black
Power Source	Corded Electric
Safety Features	Overcharging, Overheating, Overvoltage, Overcurrent, Short Circuit Protection