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onerbl MU24AY120200-A1

onerbl 12V AC/DC Adapter Instruction Manual

Compatible with Mokerlink 2G080GM 2.5G Web Managed Switch (Model MU24AY120200-A1)

1. Introduction

This manual provides instructions for the safe and efficient use of your onerbl 12V AC/DC Adapter. This adapter is designed to provide reliable power to compatible devices, such as the Mokerlink 2G080GM 8 Port 2.5G Web Managed Switch, and other devices requiring a 12V DC power supply up to 2A.



Figure 1.1: Wide range of applications for the onerbl 12V AC/DC adapter.

2. Safety Information

Please read and understand all safety instructions before using the adapter. Failure to follow these instructions may result in electric shock, fire, or damage to the product or connected devices.

- Do not expose the adapter to water, rain, or excessive moisture.
- Do not disassemble, modify, or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Ensure the voltage and current requirements of your device match the adapter's output specifications (12V DC, 2A).
- Unplug the adapter from the wall outlet when not in use or during electrical storms.
- Keep the adapter away from heat sources and direct sunlight.
- Do not operate the adapter with a damaged cord or plug.



Figure 2.1: The adapter features multiple safety protections including short-circuit, over-voltage, and over-current protection.

3. Product Overview

The onerbl 12V AC/DC Adapter is a high-quality replacement power supply designed for reliability and safety. It features a compact, wall-mountable design and is built with durable components.



Figure 3.1: Front and side view of the onerbl 12V AC/DC Adapter.

Key Features:

- **Universal Input:** AC 100-240V, 50/60Hz, suitable for worldwide use.
- **Stable Output:** Provides a steady 12V DC, 2A power supply.
- **Safety Protections:** Built-in over-voltage, over-heat, short-circuit, and over-current protection.
- **Durable Construction:** Features copper wire and a robust PVC jacket for longevity.



Figure 3.2: Durable design with quality materials for reliable performance.

4. Specifications

Parameter	Value
Brand	onerbl
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 12V
Output Current	2A
Wattage	24W
Compatible Devices	MOKERLINK 2G080GM 2.5G MU24AY120200-A1, MU24AY120200A1, and other 12V devices requiring up to 2A
Cable Length	Approx. 76 inches (6.3 feet)
Adapter Body Dimensions	Approx. 2.6 x 1.6 x 1.2 inches
Main Power Connector Type	2 Pin (US Standard)
Special Features	Travel-friendly, Over Voltage Protection, Over Heat Protection, Short-circuit Protection, Over-current Protection
Manufacturer	Shenzhen Waweis Technology Co., Ltd

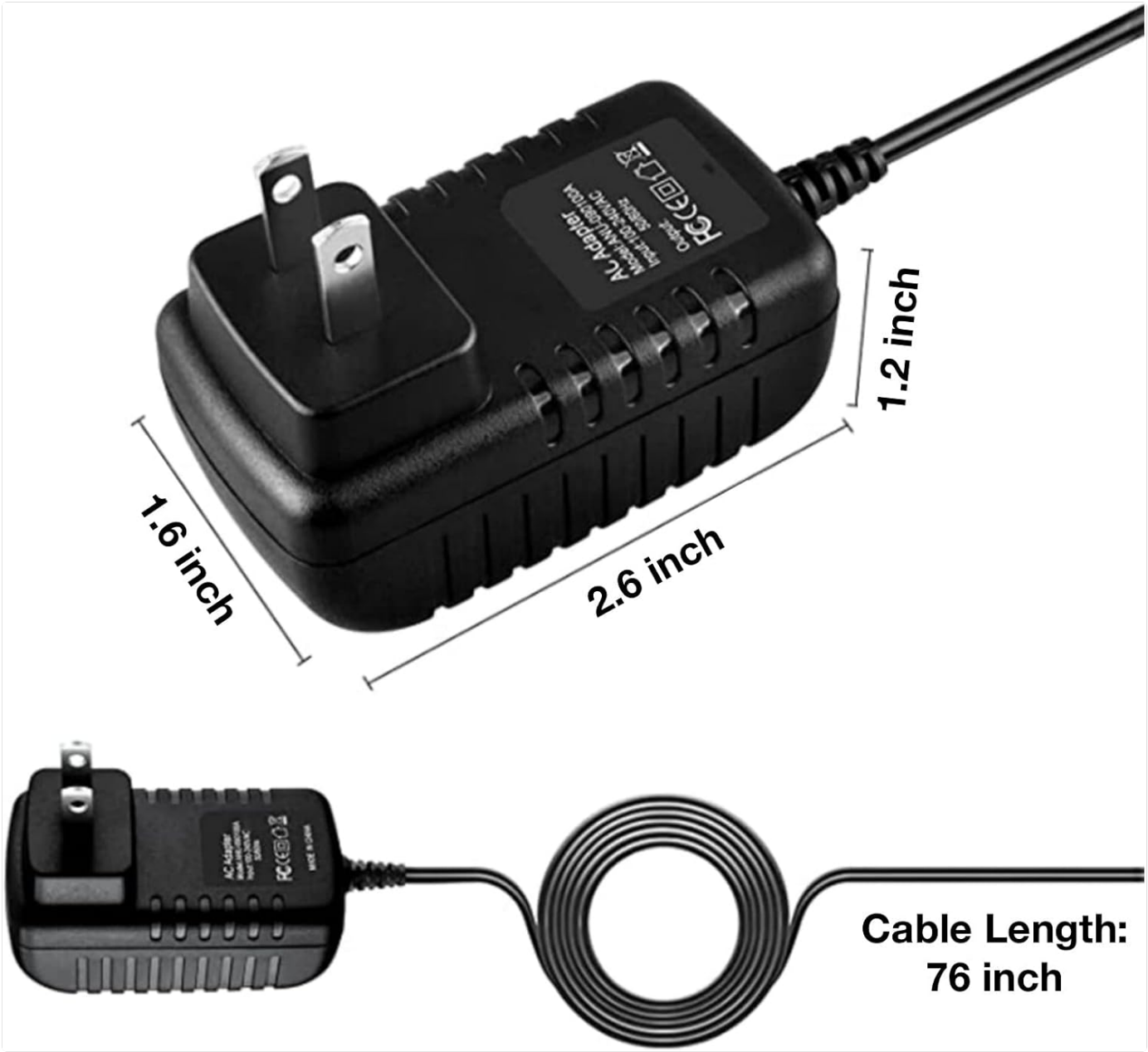


Figure 4.1: Adapter dimensions and cable length.

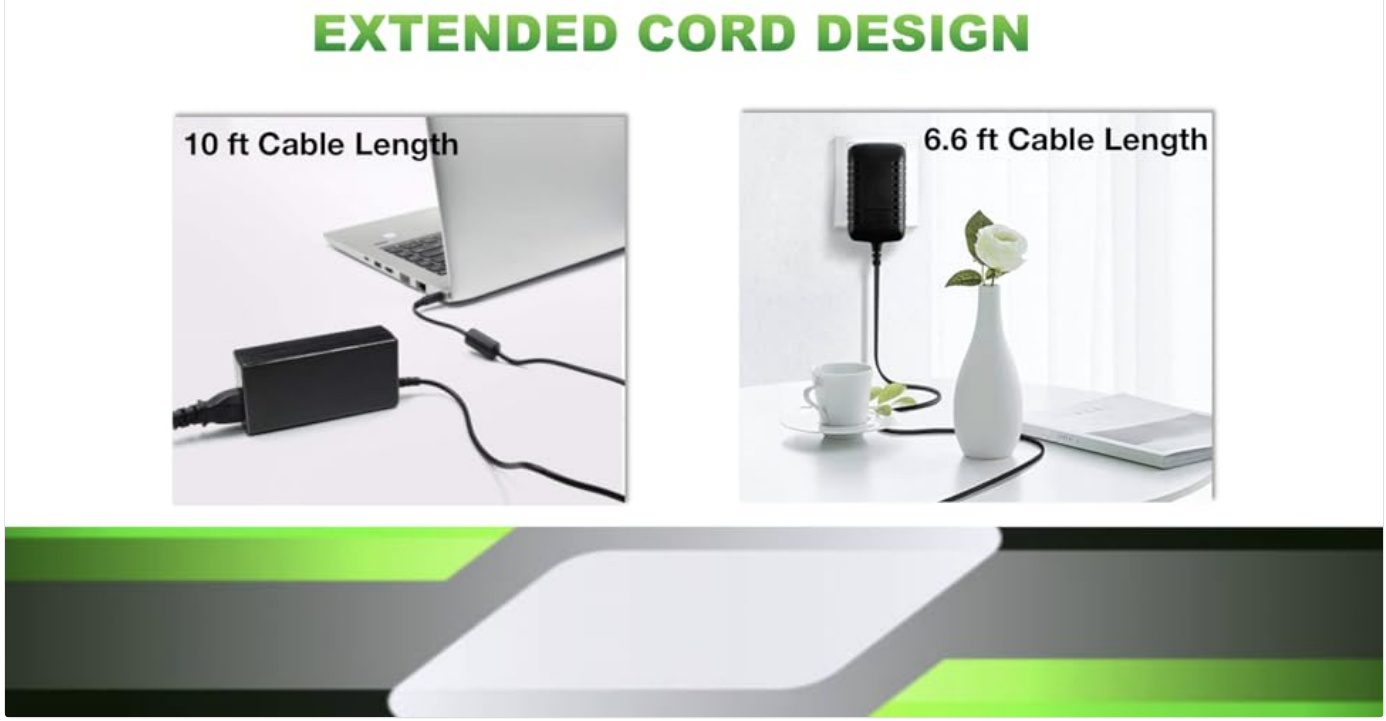


Figure 4.2: Visual representation of the adapter's cable length.

5. Setup

Follow these steps to properly set up your onerbl 12V AC/DC Adapter:

1. **Verify Compatibility:** Before connecting, ensure your device requires a 12V DC input and its current draw does not exceed 2A (24W). Check your device's specifications or original power adapter.
2. **Connect to Device:** Plug the DC output connector of the onerbl adapter firmly into the power input port of your device.
3. **Connect to Power Outlet:** Insert the AC input prongs of the adapter into a standard wall outlet (100-240V AC).
4. **Power On:** Once both connections are secure, your device should receive power and operate as intended.



Figure 5.1: Example of the adapter connected to a power strip and a device.

6. Operating

The onerbl 12V AC/DC Adapter is designed for continuous and reliable operation. Observe the following guidelines for optimal performance:

- Ensure the adapter is placed in a well-ventilated area to prevent overheating.
- Do not cover the adapter with cloths or other materials that could obstruct airflow.
- Avoid connecting devices that collectively exceed the adapter's maximum output of 24W (12V, 2A).
- If the adapter feels excessively hot to the touch, disconnect it immediately and allow it to cool down. Check for potential overloads or ventilation issues.

7. Maintenance

Proper maintenance ensures the longevity and safe operation of your adapter:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Wipe the exterior with a dry, soft cloth. Do not use liquid cleaners, solvents, or abrasive materials.
- **Inspection:** Periodically inspect the power cord, plug, and DC connector for any signs of damage, such as cuts, fraying, or bent pins. If damage is found, discontinue use and replace the adapter.
- **Storage:** When not in use for extended periods, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.

8. Troubleshooting

If you encounter issues with your onerbl 12V AC/DC Adapter, refer to the following common troubleshooting steps:

- **No Power to Device:**
  - Ensure the adapter is securely plugged into both the wall outlet and the device.
  - Verify that the wall outlet is functional by testing it with another appliance.
  - Confirm that your device is compatible with a 12V DC input and does not require more than 2A.
  - Inspect the adapter's cable and connectors for any visible damage.
- **Adapter Overheating:**
  - Ensure the adapter has adequate ventilation and is not covered.
  - Confirm that the connected device's power requirements do not exceed the adapter's 24W capacity.
  - Unplug the adapter and allow it to cool down. If overheating persists after ensuring proper ventilation and load, discontinue use.

9. Warranty and Support

For warranty information or technical support regarding your onerbl 12V AC/DC Adapter, please contact your retailer or the manufacturer, Shenzhen Waweis Technology Co., Ltd.
Refer to the product packaging or your purchase documentation for specific warranty terms and contact details.

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