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› Kircuit 24V 2.5A 3-Pin AC/DC Adapter User Manual for Micmi Label Printers

Kircuit 24V 2.5A 3-Pin AC/DC Adapter

Kircuit 24V 2.5A 3-Pin AC/DC Adapter User Manual

For Micmi 4B-2054L, GP-1324D, ZP 450 CTP USB Direct Thermal Barcode Shipping Label Printers

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kircuit 24V 2.5A 3-Pin AC/DC Adapter. Please read this manual thoroughly before using the product and retain it for future reference. This adapter is designed to provide power to compatible devices, including Micmi 4B-2054L, GP-1324D, and ZP 450 CTP USB Direct Thermal Barcode Shipping Label Printers.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following precautions:

- Use the adapter only with devices that require 24V DC and a maximum of 2.5A (2500mA) power input with a compatible 3-pin barrel plug.
- This product is intended for indoor use only. Do not expose to rain, moisture, or extreme temperatures.
- Do not disassemble, modify, or attempt to repair the adapter. Refer servicing to qualified personnel.
- Keep the adapter away from heat sources, direct sunlight, and flammable materials.
- Ensure the power outlet is easily accessible and unplug the adapter when not in use for extended periods.
- Avoid placing heavy objects on the power cords or subjecting them to sharp bends.

3. PRODUCT OVERVIEW

The Kircuit 24V 2.5A 3-Pin AC/DC Adapter consists of a main power brick, a detachable AC input cable, and an integrated DC output cable with a 3-pin barrel connector. It is designed to convert standard AC wall power to the specific DC voltage and current required by your compatible device.



Figure 3.1: Overview of the Kircuit 24V 2.5A 3-Pin AC/DC Adapter, showing the main power unit, detachable AC power cord, and integrated DC output cable with barrel connector.



Figure 3.2: The Kircuit AC/DC Adapter with its AC input cable and DC output cable clearly displayed, illustrating the complete power solution.

4. SPECIFICATIONS

Input Voltage	100-240V AC, 50/60Hz
Output Voltage	24V DC
Output Current	2.5A (2500mA)
Connector Type	3-Pin Barrel Plug
Special Features	Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection. Anti-interference magnetic ring on DC cable.
Color	Black
Adapter Body Dimensions (L x W x H)	Approximately 4.2 x 1.8 x 1.2 inches
DC Cable Length	Approximately 79.3 inches
AC Cable Length	Approximately 44.3 inches

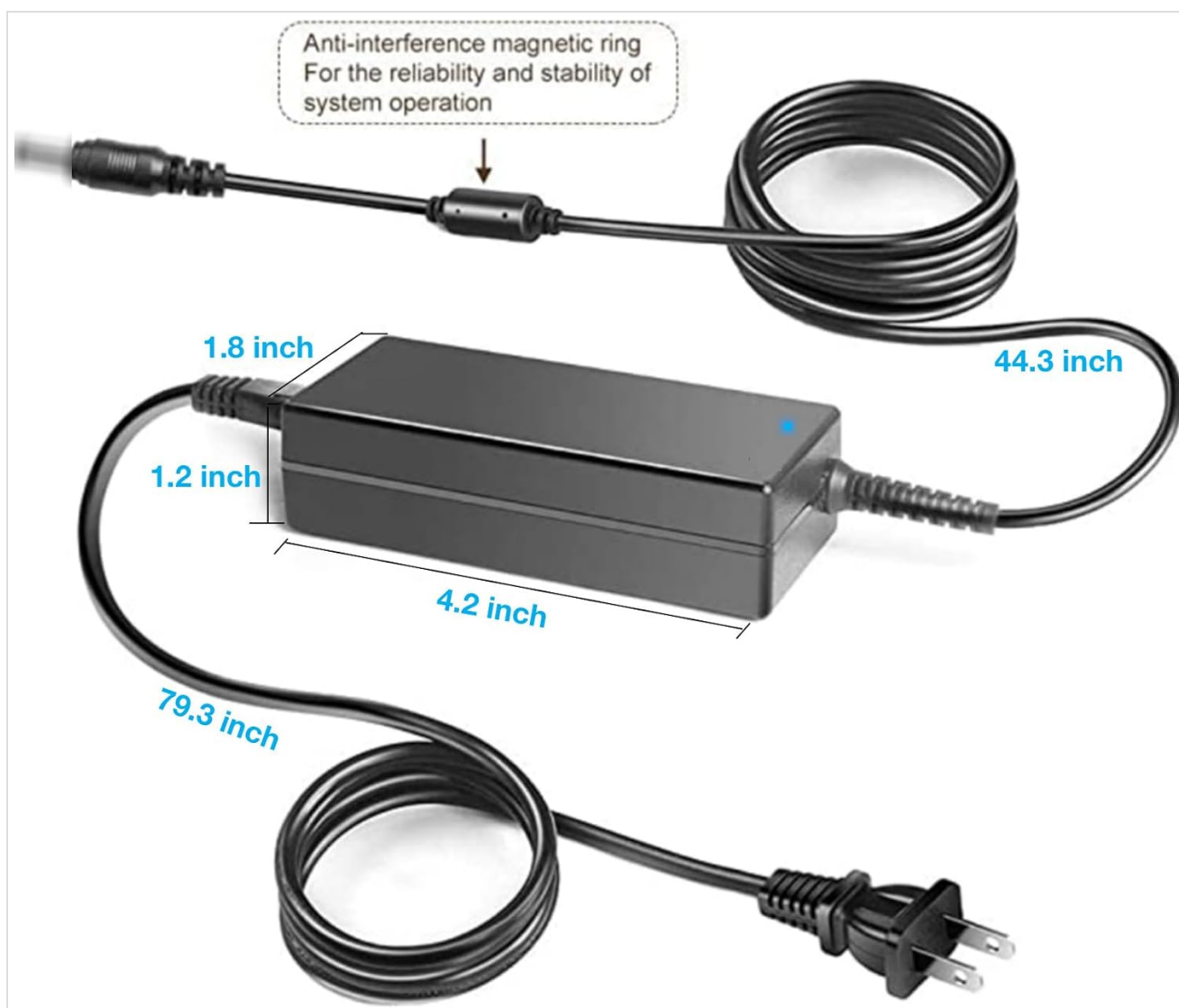


Figure 4.1: Detailed dimensions of the Kircuit AC/DC Adapter, including the main unit and cable lengths, with an anti-interference magnetic ring indicated on the DC cable.

5. SETUP

Follow these steps to set up your Kircuit AC/DC Adapter:

1. **Connect the AC Input Cable:** Insert the figure-8 connector of the AC input cable firmly into the corresponding port on the main adapter unit.
2. **Connect to Power Outlet:** Plug the two-prong end of the AC input cable into a standard 100-240V AC wall outlet.
3. **Connect to Device:** Insert the 3-pin barrel connector of the DC output cable into the power input port of your compatible device (e.g., Micmi label printer). Ensure the connection is secure.



Figure 5.1: Close-up view of the detachable AC power cord and its connection to the main adapter unit, highlighting the secure fit.



Figure 5.2: The Kircuit AC/DC Adapter connected to a wall outlet and powering a device, demonstrating a typical setup scenario.

6. OPERATION

Once the adapter is correctly set up as described in Section 5, your device should receive power. Turn on your device according to its own instruction manual. The adapter operates automatically to provide the necessary power. No user interaction is required with the adapter itself during operation.

7. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your adapter:

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the surface. 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 winding the cables to prevent damage.
- **Inspection:** Periodically inspect the cables and adapter housing for any signs of damage, such as cuts, fraying, or cracks. If damage is observed, discontinue use immediately.

8. TROUBLESHOOTING

If you encounter issues with your adapter, refer to the following common problems and solutions:

- **No Power to Device:**
 - Ensure all cable connections (AC to adapter, AC to wall, DC to device) are secure.
 - Verify the wall outlet is functional by testing it with another device.
 - Confirm that your device requires 24V DC and a 3-pin barrel plug. Incompatible voltage or connector type will prevent operation.
- **Adapter Overheating:**
 - Disconnect the adapter immediately.
 - Ensure the adapter is in a well-ventilated area and not covered.
 - Verify that the connected device's power requirements do not exceed the adapter's 2.5A output. Overloading can cause overheating.
- **Intermittent Power:**
 - Check for loose connections at all points.
 - Inspect cables for damage. Damaged cables can cause intermittent power delivery.

If problems persist after attempting these solutions, contact customer support.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase.

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