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> Kircuit 15V AC/DC Adapter Instruction Manual for Arya Q and Megmeet MANGO120-15BX-DEV

Kircuit MANGO120-15BX-DEV

Kircuit 15V AC/DC Adapter Instruction Manual

For Arya Q Powered by Drive Portable Oxygen Concentrator and Megmeet MANGO120-15BX-DEV

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kircuit 15V AC/DC Adapter. This adapter is designed to provide reliable power to compatible devices, including the Arya Q Powered by Drive Portable Oxygen Concentrator (11.1V 5700mAh 63.27Wh Li-ion Battery) and the Megmeet MANGO120-15BX-DEV (15V 8A). Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

To prevent injury or damage to your device, please observe the following safety precautions:

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Ventilation:** Ensure the adapter has adequate ventilation during operation. Do not cover it or place it in an enclosed space that could restrict airflow.
- **Avoid Water:** Do not immerse the adapter in water or any other liquid. Avoid using it near sinks, bathtubs, or other wet areas.
- **Correct Voltage:** Only connect the adapter to power outlets providing the specified input voltage (100-240VAC, 50/60Hz).
- **Device Compatibility:** Use this adapter only with devices that match its output voltage and current specifications. Using it with incompatible devices may cause damage.
- **Cable Care:** Do not place heavy objects on the power cord or subject it to sharp bends. Inspect the cord regularly for damage.
- **Protection Features:** This adapter includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices.
- **Disconnection:** Always grasp the plug, not the cord, when disconnecting the adapter from the power outlet or your device.
- **Children and Pets:** Keep the adapter out of reach of children and pets.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Kircuit 15V AC/DC Adapter Unit
- AC Input Power Cord
- DC Output Cable with Barrel Connector (integrated with adapter unit)



Image: The Kircuit 15V AC/DC Adapter unit, showing the detachable AC input power cord and the integrated DC output cable with its barrel connector.

PRODUCT OVERVIEW AND FEATURES

The Kircuit 15V AC/DC Adapter is a reliable power solution designed to convert standard AC wall power into the DC power required by your compatible electronic devices. It features robust protection mechanisms to ensure safe operation.

Key Features:

- **Wide Input Voltage:** Supports global input voltage from 100-240VAC, 50/60Hz.
- **Output:** Provides 15V DC power at up to 8A.
- **Safety Protections:** Equipped with Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP).
- **Anti-interference Magnetic Ring:** Integrated into the DC output cable to enhance signal stability and reduce electromagnetic interference.
- **Durable Design:** Constructed for reliable and long-lasting performance.

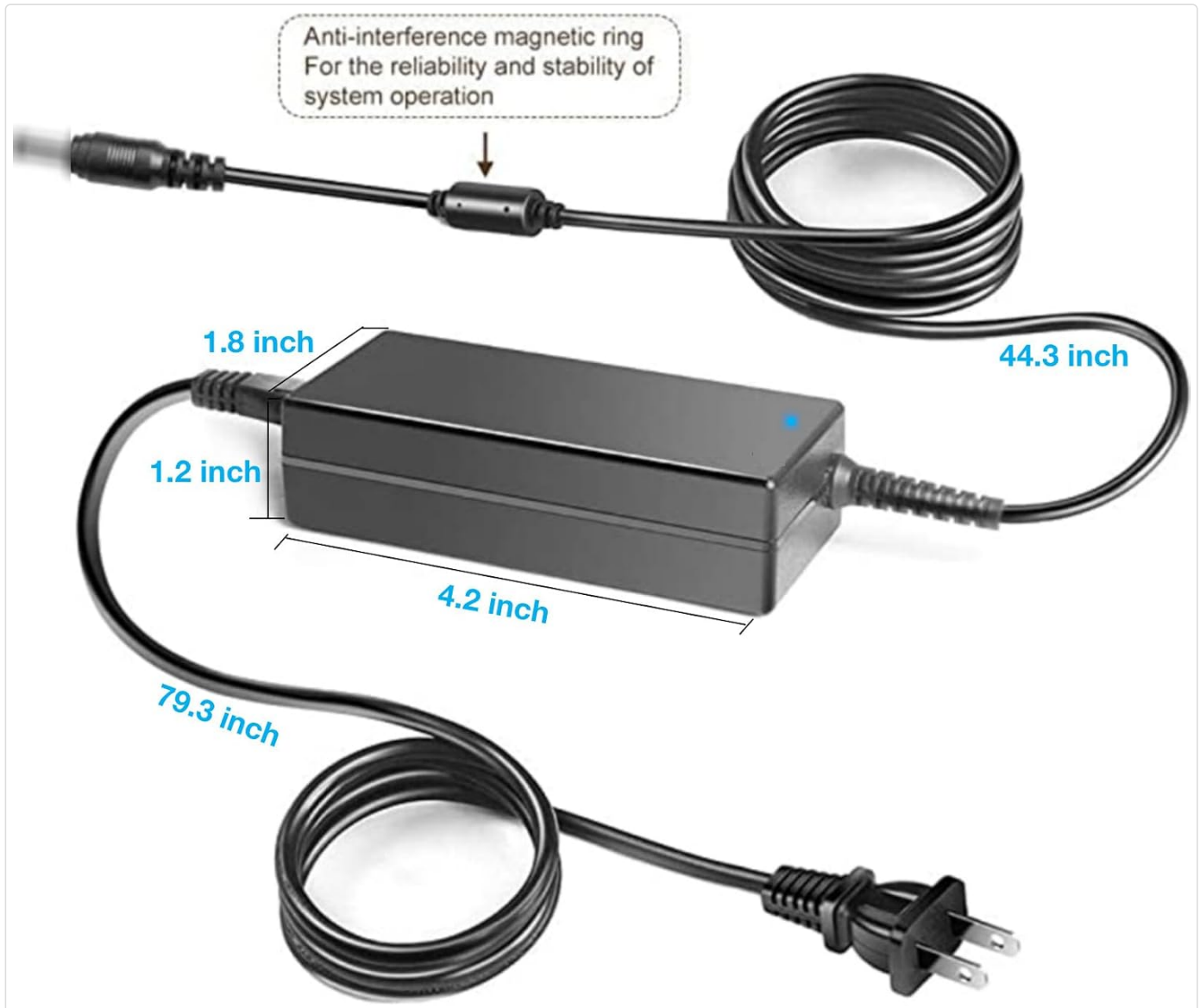


Image: Detailed view of the Kircuit 15V AC/DC Adapter, illustrating its dimensions and highlighting the anti-interference magnetic ring on the DC output cable for system stability.

SETUP INSTRUCTIONS

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

1. **Unpack:** Carefully remove the adapter unit and AC power cord from the packaging.
2. **Connect AC Power Cord:** Insert the female end of the AC input power cord firmly into the AC input port on the adapter unit.
3. **Connect to Wall Outlet:** Plug the male end of the AC input power cord into a standard wall power outlet (100-240VAC).

4. **Connect to Device:** Insert the barrel connector of the DC output cable into the DC input port of your compatible device (e.g., Arya Q Portable Oxygen Concentrator or Megmeet MANGO120-15BX-DEV). Ensure a secure connection.
5. **Verify Connection:** Confirm that all connections are snug and the adapter is properly seated in the wall outlet.

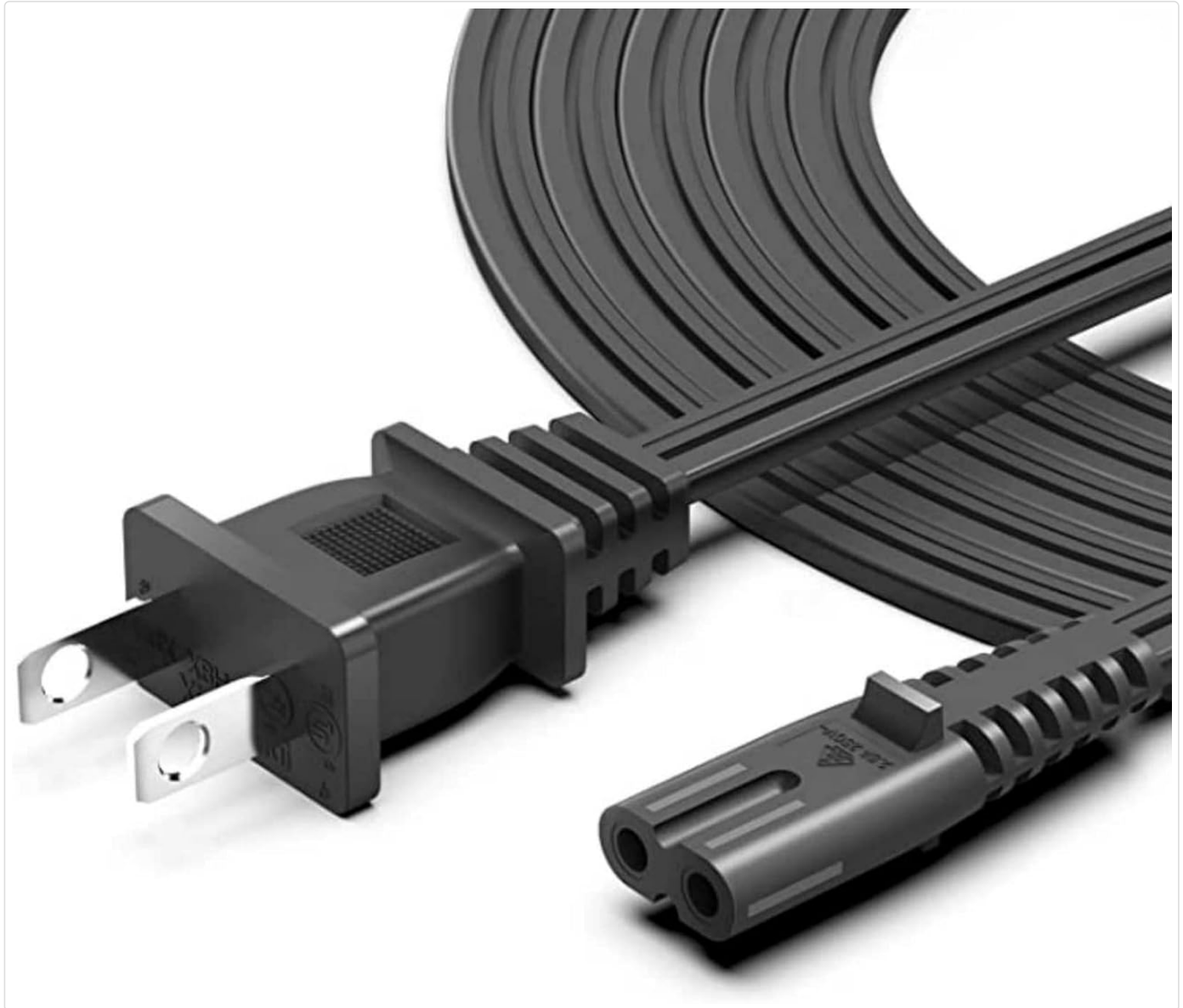


Image: A close-up view showing the AC power cord's plug and the corresponding input port on the adapter, illustrating how to connect the power cord.

OPERATING INSTRUCTIONS

Once the adapter is set up, operating your device is straightforward:

1. **Power On Device:** With the adapter connected to both the wall outlet and your device, power on your device as per its own instruction manual.
2. **Charging/Powering Indication:** Your device should indicate that it is receiving power or charging (e.g., a charging indicator light).
3. **Disconnection:** When finished, first power off your device, then disconnect the DC barrel connector from your device, and finally unplug the AC power cord from the wall outlet.



Image: The Kircuit 15V AC/DC Adapter in an operational setting, plugged into a wall outlet and connected to an electronic device, demonstrating typical use.

MAINTENANCE

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

- **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 cables.
- **Inspection:** Periodically inspect the adapter unit and cables for any signs of damage, such as frayed wires, cracks, or loose connections. Discontinue use if damage is found.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power to device	Loose connections Faulty wall outlet Incompatible device Damaged adapter/cable	Ensure all cables are securely connected. Test the wall outlet with another device. Verify your device's power requirements match the adapter's specifications. Inspect adapter and cables for damage. If damaged, discontinue use.
Adapter overheating	Poor ventilation Overload (device drawing too much power)	Ensure the adapter is in an open area with good airflow. Verify device compatibility and ensure it does not exceed the adapter's maximum output (15V 8A).

SPECIFICATIONS

Feature	Specification
Brand	Kircuit
Manufacturer	Shenzhen Waweis Technology Co., Ltd
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	15V DC
Output Current	8A (8000mA)
Power Output	120W (Max)
Connector Type	Barrel Connector
Color	Black
Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Compatible Devices	Arya Q Powered by Drive Portable Oxygen Concentrator (11.1V 5700mAh 63.27Wh Li-ion Battery), Megmeet MANGO120-15BX-DEV (15V 8A), and other devices requiring 13.8 to 17 VDC input.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer directly. The manufacturer, Shenzhen Waweis Technology Co., Ltd, and the brand, Kircuit, are committed to providing quality products.

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