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Kircuit 191106026

AC/DC Adapter User Manual

Kircuit Power Supply for Arcade1up Game Machines

Model: 191106026

1. Product Overview

This Kircuit AC/DC Adapter (Model: 191106026) is a high-quality power supply designed for various Arcade1up Game Machines, including models RYJ0136PAU0, RYJ0136PAU1, RYJ0136PAU2, RYJ0136PAU3, RYJ0136PAU4, and RYJ0136PAU5. It serves as an ideal replacement or travel backup charger, providing stable and efficient power to your gaming console.

Key features include a wide input voltage range (100V-240V AC) and built-in safety mechanisms such as Dynamic IC, Charger IC, and Power fuse for rapid charging and comprehensive overcharge protection.



Image 1.1: The Kircuit AC/DC Adapter, showcasing the main power brick and the two included power cords (AC input cord and DC output cord).

2. What's in the Box

- 1 x Kircuit AC/DC Adapter Unit
- 2 x Power Cords (one for AC input, one for DC output)

3. Setup Instructions

1. **Connect the DC Output Cord:** Take the DC output cord (the one with the barrel connector) and plug the barrel connector end into the power input port of your Arcade1up Game Machine. Ensure a secure connection.
2. **Connect the AC Input Cord:** Plug the C7 connector end of the AC input cord into the corresponding port on the Kircuit AC/DC Adapter unit.
3. **Connect to Power Outlet:** Insert the two-prong plug of the AC input cord into a standard 100V-240V AC wall outlet.

4. **Verify Power:** Once connected, your Arcade1up Game Machine should receive power. Refer to your game machine's manual for specific power-on procedures.



Image 3.1: The Kircuit AC/DC Adapter connected to a wall outlet, demonstrating a typical setup for power delivery.



Image 3.2: A detailed view of the US standard two-prong plug and the C7 connector, which connects to the adapter unit.

4. Operating Instructions

The Kircuit AC/DC Adapter operates automatically once connected to a power source and your Arcade1up Game Machine. It provides a stable power supply for continuous operation of your device.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating during prolonged use.
- Always use the adapter with compatible Arcade1up models (RYJ0136PAU0, RYJ0136PAU1, RYJ0136PAU2, RYJ0136PAU3, RYJ0136PAU4, RYJ0136PAU5) to avoid damage.
- Unplug the adapter from the wall outlet when not in use for extended periods.

5. Maintenance

The Kircuit AC/DC Adapter requires minimal maintenance to ensure its longevity and optimal performance.

- **Cleaning:** Use a soft, dry cloth to wipe the adapter and cords. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid bending or crimping the power cords excessively, as this can damage the internal wiring.
- **Inspection:** Periodically inspect the adapter and cords for any signs of damage, such as frayed wires or cracked

casings. Discontinue use if damage is found.

6. Troubleshooting

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

- **No Power to Device:**
  - Ensure all connections (adapter to wall, adapter to device) are secure.
  - Try plugging the adapter into a different wall outlet to rule out a faulty outlet.
  - Verify that your Arcade1up Game Machine is compatible with this adapter model.
- **Adapter Overheating:**
  - Unplug the adapter immediately and allow it to cool down.
  - Ensure the adapter is placed in a well-ventilated area, not covered by objects, to allow for proper heat dissipation.
  - If overheating persists, discontinue use and contact customer support.
- **Device Not Charging/Powering On Reliably:**
  - Confirm that the adapter's specifications (voltage, amperage) match the requirements of your Arcade1up Game Machine.
  - Check for any visible damage to the adapter or cords.

7. Specifications

Feature	Detail
Brand	Kircuit
Model Number	191106026
Input Voltage	100V-240V AC
Wattage	10 watts
Connectivity Technology	DC Barrel
Connector Type	Barrel Connector
Compatible Devices	Arcade1up Game Consoles (RYJ0136PAU0-RYJ0136PAU5)
Included Components	2 x Power Cords
Item Weight	9.5 ounces
Package Dimensions	6.69 x 4.25 x 1.38 inches

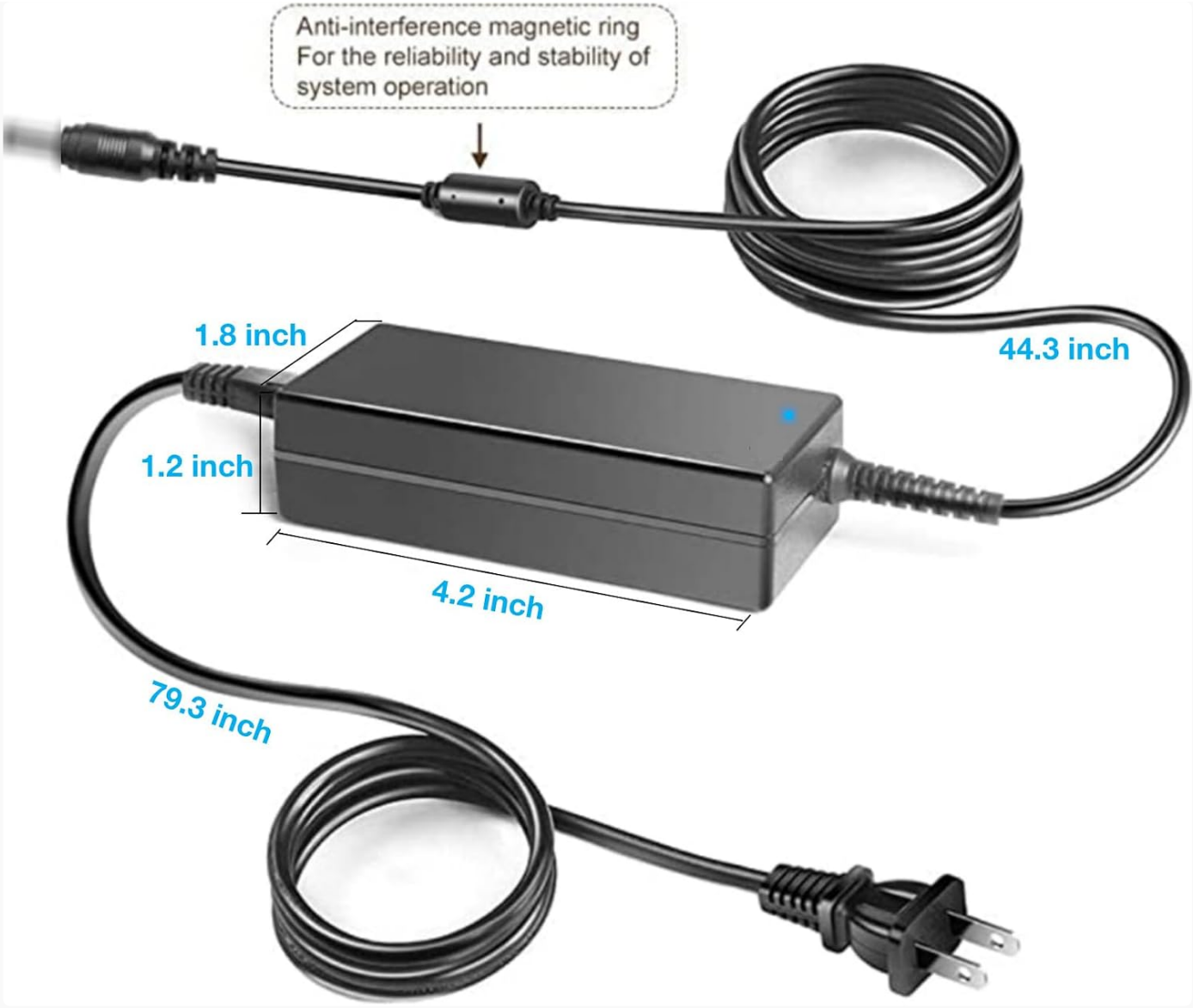


Image 7.1: Detailed dimensions of the adapter unit and the lengths of the connected cables.

8. Safety Information

The Kircuit AC/DC Adapter is designed with multiple safety protections to ensure reliable and secure operation.

- **Built-in Safety Protections:** The adapter features Short Circuit protection, Excess Voltage protection, Over Temperature protection, and Overcurrent protection to safeguard both the adapter and your connected device.
- **Durable Design:** The power cable is made of high-quality materials with thick insulation, designed to resist wear, tear, and abrasion. The plugs are robust, ensuring a secure and stable connection capable of handling electrical loads without overheating.
- **Operating Environment:** Use the adapter indoors only. Avoid exposure to water, high humidity, or extreme temperatures.
- **Ventilation:** Ensure adequate airflow around the adapter during use to prevent heat buildup.
- **Disassembly:** Do not attempt to open or modify the adapter. This can lead to electric shock, fire, or damage to the unit, and will void the warranty.

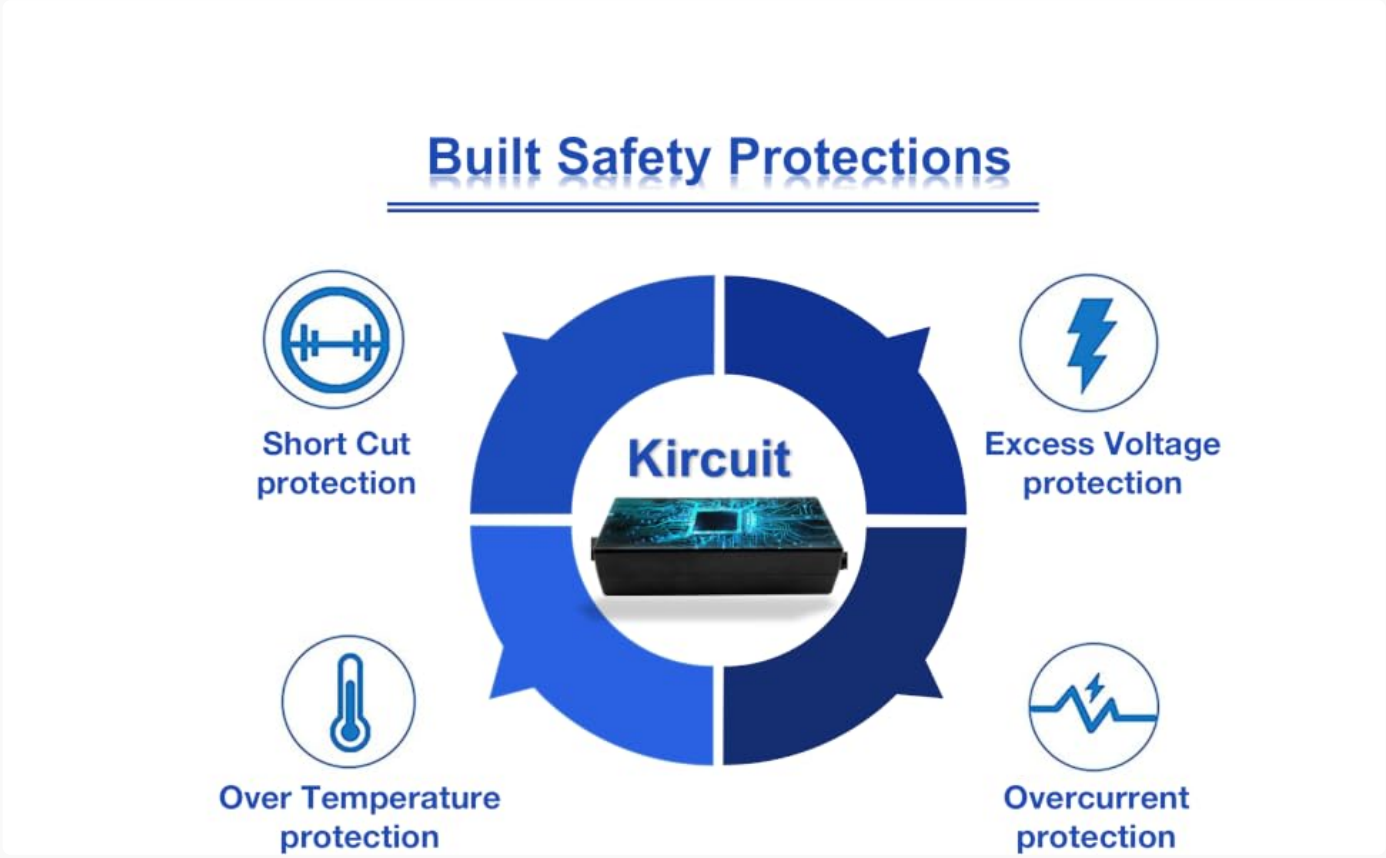


Image 8.1: Illustration of the multiple safety protections integrated into the Kircuit adapter design.

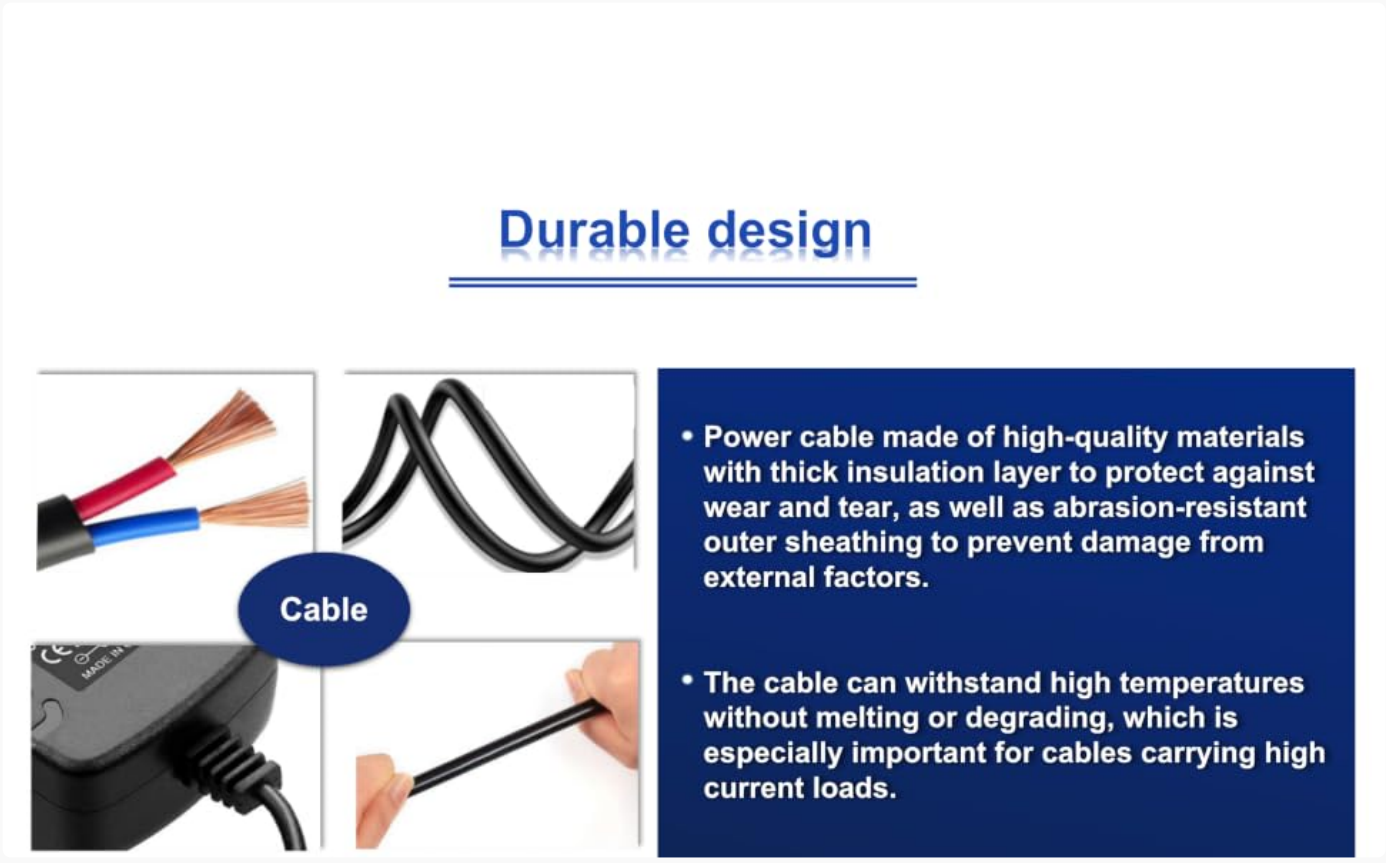


Image 8.2: Detail of the durable cable construction, highlighting the quality materials used for insulation and abrasion resistance.

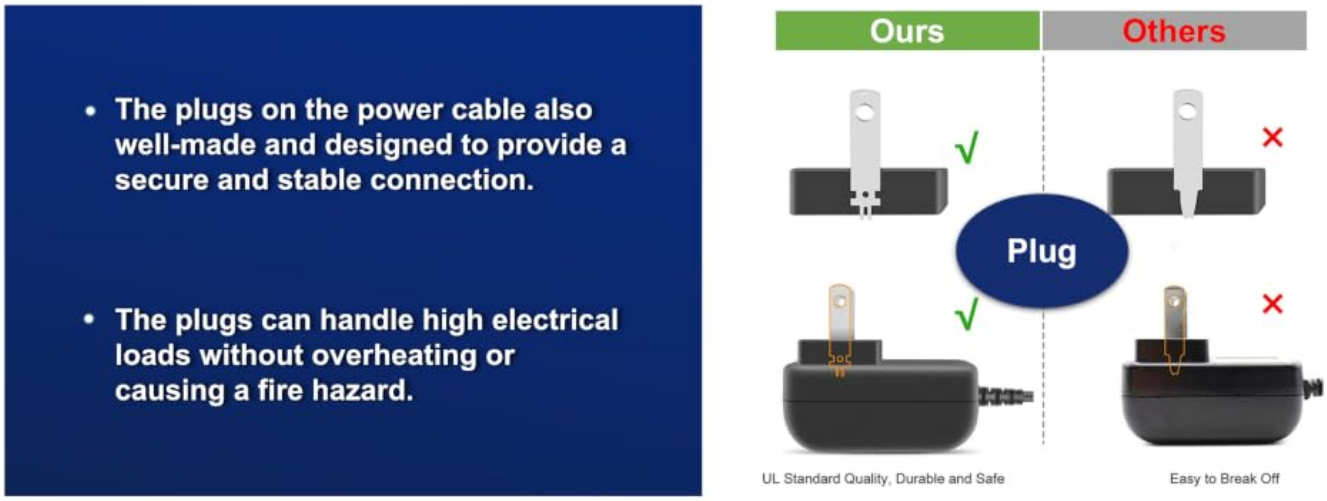


Image 8.3: Comparison illustrating the robust and secure design of Kircuit's power plugs compared to less durable alternatives.

9. Warranty and Support

Kircuit products are manufactured with quality and reliability in mind. This product typically comes with a manufacturer's warranty. Please refer to the product packaging or the seller's information for specific warranty terms and duration.

For technical support, troubleshooting assistance, or warranty claims, please contact the seller or Kircuit customer service through the platform where the product was purchased.



Image 9.1: The Kircuit product packaging, indicating a potential 3-year warranty, emphasizing product reliability.

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