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Kircuit 5V AC/DC Adapter

Kircuit 5V AC/DC Adapter Instruction Manual

Compatible with BEBANG YW-3006 YW3006 Microscopes

1. Introduction

This manual provides essential instructions for the safe and effective use of your Kircuit 5V AC/DC Adapter. This adapter is designed to provide reliable power to compatible devices, specifically the BEBANG YW-3006 and YW3006 microscopes. Please read this manual thoroughly before using the product and retain it for future reference.

2. Safety Information

To prevent electric shock, fire, or damage to the product, please observe the following safety precautions:

- Use the adapter only with devices that require 5V DC input and have a compatible barrel plug connector.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open, modify, or repair the adapter. Refer servicing to qualified personnel.
- Ensure the power outlet is easily accessible and unplug the adapter during lightning storms or when unused for extended periods.
- Keep the adapter away from children.

3. Product Overview

The Kircuit 5V AC/DC Adapter converts standard household AC power into the direct current (DC) required by your compatible device. It features a durable casing and a standard barrel plug connector.

Figure 1: Front view of the Kircuit 5V AC/DC Adapter, showing the main unit and attached power cord with barrel plug connector.

The adapter is designed with built-in dynamic IC, charger IC, and power fuse for rapid charging and overcharge

protection, ensuring the safety and longevity of your device.

4. Setup

Follow these steps to set up your Kircuit 5V AC/DC Adapter:

1. **Verify Compatibility:** Ensure your device, such as the BEBANG YW-3006 microscope, requires a 5V DC input and has a compatible power input port.
2. **Connect to Device:** Carefully insert the barrel plug connector of the adapter into the power input port of your device. Ensure a snug fit.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100V-240V AC electrical wall outlet.

Figure 2: The Kircuit 5V AC/DC Adapter, highlighting its 6.5 ft cord length, which provides flexibility in placement.

5. Operating Instructions

Once connected, the adapter will supply power to your device. No further action is required for the adapter itself. Operate your device according to its own instruction manual.

- The adapter is designed for continuous operation within its specified input and output ranges.
- If your device has a charging indicator, observe it to confirm power delivery.

Figure 3: The Kircuit 5V AC/DC Adapter plugged into a power strip, demonstrating a typical usage scenario in a workspace.

6. Maintenance

The Kircuit 5V AC/DC Adapter requires minimal maintenance:

- Keep the adapter clean by wiping it with a dry, soft cloth. Do not use liquid cleaners.
- Regularly inspect the power cord and connector for any signs of damage, such as fraying or bending. If damage is observed, discontinue use immediately.
- Store the adapter in a cool, dry place when not in use.

7. Troubleshooting

If you encounter issues with your adapter, consider the following:

- **No Power to Device:**
  - Ensure the adapter is securely plugged into both the wall outlet and the device.
  - Test the wall outlet with another device to confirm it is functional.
  - Verify that your device is turned on and its power input port is not damaged.
- **Device Not Charging (if applicable):**
  - Confirm the adapter's output voltage (5V) matches your device's requirements.
  - Check for any debris in the device's power port or on the adapter's connector.
- **Adapter Overheating:**
  - Ensure the adapter is not covered or placed in an enclosed space that restricts airflow.
  - If overheating persists, discontinue use and contact support.

If these steps do not resolve the issue, please refer to the support information provided.

8. Specifications

Feature	Specification
Brand	Kircuit
Input Voltage	100V-240V AC
Output Voltage	5 Volts DC
Connector Type	Barrel Plug
Compatible Devices	BEBANG YW-3006 YW3006 COMPOUND SLIDES STUDENTS LENSES
Special Feature	100% Brand New, High Quality AC/DC Power Charger (non-OEM)
Color	Black
Power Source	Corded Electric
Manufacturer	Shenzhen Waweis Technology Co., Ltd

9. Warranty and Support

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

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