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PKPOWER Micro USB AC/DC Adapter

PKPOWER Micro USB AC/DC Adapter User Manual

For NiteRider Lumina 650, 750, 220, NR220, NR Bike Headlights

1. Introduction

This user manual provides essential information for the safe and effective use of your PKPOWER Micro USB AC/DC Adapter. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

2. Product Overview

The PKPOWER Micro USB AC/DC Adapter is designed to provide reliable power supply for various devices, including specific NiteRider Lumina series bike headlights. It features robust protection mechanisms to ensure the safety of your devices.



Figure 2.1: PKPOWER Micro USB AC/DC Adapter. This image shows the compact black adapter with its integrated Micro USB cable.

Key Features:

- **Input Voltage:** 100-240V AC, 50-60Hz, allowing for worldwide compatibility.
- **Output:** Micro USB connector for compatible devices.

- **Safety Certifications:** CE, FCC, RoHS certified, ensuring compliance with international safety standards.
- **Protection Features:** Equipped with Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices from electrical hazards.
- **Compatibility:** Specifically designed for NiteRider Lumina 650, 750, 220, NR220, and NR Bike Headlights, among other compatible Micro USB devices.

3. Setup

Setting up your PKPOWER Micro USB AC/DC Adapter is straightforward. Follow these steps to begin charging your compatible device:

1. **Identify the Device:** Ensure your device requires a Micro USB power input and is compatible with the adapter's specifications (e.g., NiteRider Lumina series headlights).
2. **Connect to Device:** Carefully insert the Micro USB connector of the adapter into the charging port of your device. Ensure the connector is oriented correctly to avoid damage.
3. **Plug into Power Outlet:** Insert the adapter's two-pin plug into a standard AC wall outlet (100-240V).
4. **Verify Connection:** Confirm that your device indicates it is receiving power or charging (e.g., a charging indicator light on the device).

Note: *Always ensure the power outlet is easily accessible for quick disconnection if needed.*

4. Operating Instructions

The PKPOWER Micro USB AC/DC Adapter operates automatically once connected to a power source and a compatible device. It is designed for continuous use as a power supply or charger.

Charging Devices:

- Connect the adapter to your device and a wall outlet as described in the "Setup" section.
- The adapter will automatically begin supplying power or charging the device.
- Monitor your device's charging indicator to determine charging status.
- Once charging is complete, disconnect the adapter from the device and the wall outlet.

Safety Precautions:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impacts.
- Do not attempt to open or modify the adapter. There are no user-serviceable parts inside.
- Use only with devices that require a Micro USB input and are within the adapter's specified voltage and current ratings.
- Unplug the adapter from the wall outlet when not in use for extended periods.

5. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the adapter. 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. Avoid tightly coiling the cable to prevent damage.
- **Cable Inspection:** Periodically inspect the cable and connectors for any signs of wear, fraying, or damage. If damage is observed, discontinue use immediately.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Adapter not supplying power.	No power from outlet; loose connection; incompatible device.	Check wall outlet with another device. Ensure adapter is fully plugged in. Verify device compatibility.
Device not charging.	Incorrect Micro USB orientation; device charging port issue; adapter fault.	Re-insert Micro USB connector correctly. Test device with another known-good charger. If problem persists, adapter may be faulty.
Adapter feels hot.	Normal operation; excessive load; poor ventilation.	Slight warmth is normal. Ensure adapter is not covered or in an enclosed space. Disconnect if excessively hot.

If the issue persists after attempting these solutions, please contact customer support.

7. Specifications

Feature	Detail
Brand	PKPOWER
Input Voltage	100-240V AC, 50-60Hz
Connector Type	Micro USB
Total USB Ports	1
Power Source	Corded Electric
Main Power Connector Type	2 Pin (US Standard)
Safety Certifications	CE, FCC, RoHS
Protection Features	OVP, OCP, SCP (Over Voltage, Over Current, Short Circuit Protection)
Compatible Devices	NiteRider Lumina 650, 750, 220, NR220, NR Bike Headlights, and other Micro USB devices.



Figure 7.1: Adapter with approximate dimensions. This image illustrates the physical size of the adapter, showing measurements for length, width, and height.





Figure 7.2: Back view of the adapter showing input specifications and certifications. This image displays the label on the adapter with details like input voltage, frequency, and safety marks (FCC, CE).

8. Warranty and Support

PKPOWER products are designed for reliability and performance. For any inquiries or support, please refer to the following:

- **Customer Service:** Our friendly and reliable customer service team is available to assist you. Please allow up to 24 hours for a response to your inquiries.
- **Warranty Information:** For specific warranty terms and conditions, please refer to the product packaging or contact PKPOWER customer support directly.
- **Contact Information:** For support, please visit the PKPOWER Store on Amazon or use the contact methods provided with your purchase.

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