Kugoo G2 PRO

Kugoo G2 Pro Electric Scooter User Manual

Model: G2 PRO

1. Introduction

Thank you for choosing the Kugoo G2 Pro Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.
The Kugoo G2 Pro is designed for urban commuting and recreational use, featuring an 800W motor, 10-inch pneumatic tires, dual disc brakes, and dual suspensions for a comfortable and powerful riding experience.

2. Safety Information

Your safety is paramount. Always adhere to the following safety guidelines:

- **Wear Protective Gear:** Always wear a helmet, knee pads, elbow pads, and appropriate footwear when riding.
- **Check Before Ride:** Before each use, inspect the scooter for loose parts, tire pressure, brake functionality, and battery level.
- **Obey Traffic Laws:** Follow all local traffic laws and regulations. Ride defensively and be aware of your surroundings.
- **Avoid Hazardous Conditions:** Do not ride in heavy rain, on slippery surfaces, or in areas with poor visibility.
- **One Rider Only:** This scooter is designed for a single rider. Do not carry passengers.
- **Age and Weight Limits:** Ensure the rider meets the recommended age (Adult) and does not exceed the maximum weight capacity of 150 kg.
- **Proper Braking:** Familiarize yourself with the dual disc braking system. Apply brakes smoothly to avoid skidding.
- **Charging Safety:** Only use the provided charger. Do not overcharge the battery.

3. Package Contents

Upon opening the package, please verify that all the following items are included:

- Kugoo G2 Pro Electric Scooter (main unit)
- Battery Pack (pre-installed)
- Power Adapter/Charger
- User Manual
- Tool Kit (for assembly)

If any items are missing or damaged, please contact customer support immediately.

4. Assembly and Setup

4.1 Unfolding the Scooter

The Kugoo G2 Pro features a two-step seamless folding mechanism for easy transport and storage.

1. Place the scooter on a flat surface.
2. Locate the folding latch near the base of the handlebar stem.
3. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.
4. Tighten any quick-release clamps on the handlebars if present.



Figure 4.1: Kugoo G2 Pro Electric Scooter in its fully assembled, unfolded state.



Figure 4.2: The Kugoo G2 Pro in its compact, folded configuration for storage or transport.

4.2 Initial Charging

Before your first ride, fully charge the scooter's battery. The charging port is typically located on the side of the deck. Connect the charger to the scooter and then to a power outlet. The indicator light on the charger will change (e.g., from red to green) when charging is complete.
The scooter is equipped with a 48V/12.5AH long-range lithium battery.

5. Operating Instructions

5.1 Powering On/Off

Press and hold the power button on the handlebar display to turn the scooter on. Repeat the action to turn it off.

5.2 Understanding the LCD Display

The HD Intuitive LCD Display provides real-time information about your ride:



Figure 5.1: The scooter's LCD display, showing battery level, current speed, and mileage information.

- **Battery Display:** Shows the current battery charge level.
- **Speed Display:** Indicates your current speed.
- **Mileage Display:** Tracks the distance traveled.
- **Speed Mode:** Displays the selected riding mode (ECO, STD, TURBO).
- **Average Speed:** Shows the average speed of your current ride.

5.3 Speed Modes

The Kugoo G2 Pro offers three distinct speed modes:

- **ECO Mode:** Energy-saving mode for extended range and lower speeds.
- **STD Mode:** Standard mode for balanced performance.
- **TURBO Mode:** High-performance mode for maximum speed (up to 45km/h) and acceleration.

Switch between modes using the designated button on the handlebar.

5.4 Braking System

The scooter is equipped with dual disc brakes (front and rear) for effective stopping power. Apply both brakes simultaneously and smoothly for controlled deceleration. Avoid sudden or harsh braking, especially at high speeds.



Figure 5.2: Illustration of the dual shock absorption system and disc brakes for enhanced ride comfort and safety.



Figure 5.3: Detail of the 10-inch pneumatic tires and the double disc brake system, designed for stability and effective stopping.

5.5 Riding Tips

- Start slowly and gradually increase speed.
- Maintain a balanced posture with feet firmly on the spacious 8-inch platform.
- Lean into turns rather than steering sharply.
- Be mindful of pedestrians, cyclists, and vehicles.
- Use the scooter's lights for visibility, especially at night.



Figure 5.4: A rider demonstrating the use of the Kugoo G2 Pro Electric Scooter in an outdoor setting.

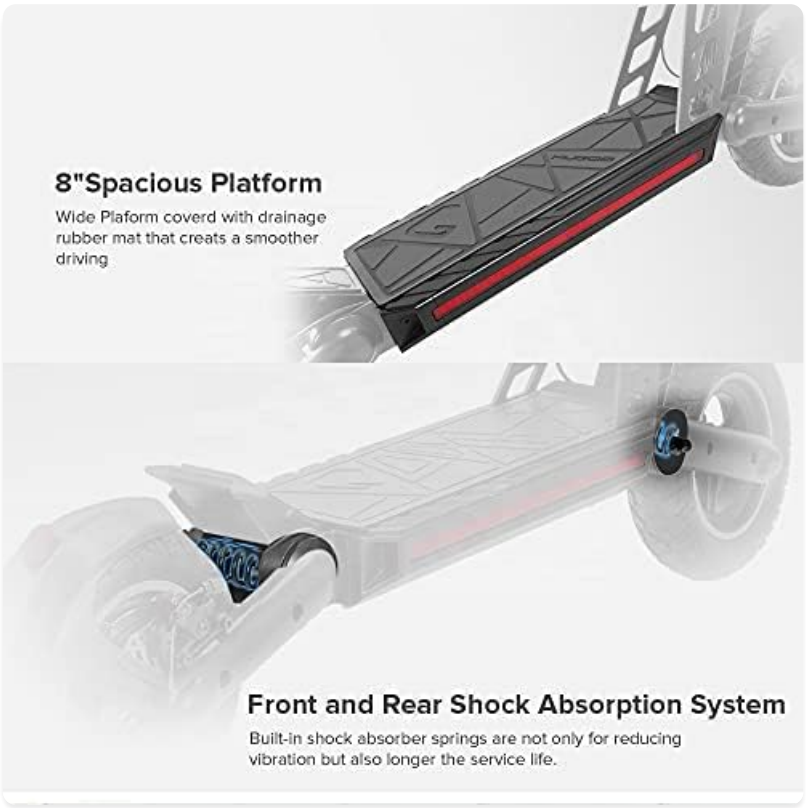


Figure 5.5: Detailed view of the 8-inch spacious platform with slip-proof rubber mat and the integrated front and rear shock absorption system.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your Kugoo G2 Pro scooter.

- **Tire Pressure:** Check the pressure of the 10-inch pneumatic tires regularly. Maintain recommended pressure for optimal performance and range.
- **Brake Inspection:** Periodically inspect the dual disc brakes for wear and tear. Ensure brake levers are responsive and cables are not frayed. Adjust if necessary.
- **Cleaning:** Clean the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals, which can damage electronic components.
- **Battery Care:** Store the scooter in a cool, dry place. If storing for an extended period, ensure the battery is charged to about 50-70% and recharge every 30-60 days to prevent deep discharge.
- **Suspension Check:** The dual suspension system requires minimal maintenance, but periodically check for any unusual noises or reduced damping performance.
- **Fasteners:** Check all screws and bolts regularly and tighten them as needed to prevent loosening due to vibrations.



Figure 6.1: Illustration highlighting the powerful DC Brushless Motor and the ultra-rigid chassis structure, designed for durability and performance.

7. Troubleshooting

This section addresses common issues you might encounter with your Kugoo G2 Pro scooter.

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connections; Power button malfunction	Charge the battery; Check all cable connections; Contact support if issue persists
Reduced range or speed	Under-inflated tires; Low battery charge; Riding uphill/against wind; Overload	Inflate tires to recommended pressure; Fully charge battery; Ride on flat terrain; Reduce load
Brakes feel weak	Brake pads worn; Brake cable loose; Disc rotor dirty	Inspect and replace brake pads; Adjust brake cable tension; Clean disc rotor
Unusual noises during ride	Loose components; Debris in wheels; Suspension issue	Check and tighten all fasteners; Inspect wheels for foreign objects; Contact support for suspension issues

For issues not listed here or if solutions do not resolve the problem, please contact Kugoo customer support.

8. Specifications

Detailed technical specifications for the Kugoo G2 Pro Electric Scooter:

- **Product Dimensions:** 120 x 62 x 121 cm
- **Item Weight:** 22 kg
- **Maximum Weight Capacity:** 150 Kilograms
- **Motor Power:** 800W
- **Battery:** 48V/12.5AH Lithium Battery (included)
- **Wheel Size:** 10 Inches (Pneumatic Tires)
- **Brake Type:** Front Braking, Rear Braking (Dual Disc Brakes)
- **Suspension:** Dual Suspension (Front and Rear)
- **Frame Material:** Aluminum
- **Special Features:** Foldable
- **Colour:** Black
- **Age Range (Description):** Adult
- **Model Name:** G2 PRO
- **Manufacturer:** YONGKANG KUGOOO TECHNOLOGY CO.,LTD

9. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or visit the official Kugoo website. Keep your proof of purchase for any warranty claims.
If you require technical assistance, have questions about operation, or need to order replacement parts, please contact Kugoo customer support. Contact details can typically be found on the manufacturer's website or on the product packaging.
Note: Unauthorized modifications or repairs may void your warranty.

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Model number, symptoms, what you tried, or the section of the manual you are using.

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