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GLRDRD X14

GLRDRD X14 Electric Scooter User Manual

Model: X14 | Brand: GLRDRD

1. Introduction

Thank you for choosing the GLRDRD X14 Dual Motor Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your product.

The GLRDRD X14 is a high-performance electric scooter designed for adults, featuring dual 4000W brushless hub motors for a total of 8000W power, a 60V 38.8AH lithium battery, and 14-inch off-road tires. It is built for durability and offers a powerful, comfortable, and safe riding experience across various terrains.

Important Safety Information

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads, gloves) when riding.
- Do not ride under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Avoid riding in heavy rain, snow, or icy conditions.
- Ensure the scooter is fully charged and all components are secure before each ride.
- Maintain a safe distance from other vehicles and pedestrians.
- This scooter is designed for one rider only. Do not carry passengers.

2. Package Contents

Upon unpacking your GLRDRD X14 Electric Scooter, please verify that all items listed below are present and in good condition. If any items are missing or damaged, please contact customer support immediately.

- GLRDRD X14 Electric Scooter (main unit)
- Standard Charger (x2)
- Toolkit
- Instruction Manual (this document)
- Keys (for ignition)
- Remote Control (for ambient lights)



Figure 2.1: GLRDRD X14 Electric Scooter and its complete accessories, including the toolkit, two chargers, ignition keys, and a remote control for lighting features.

3. Setup and Initial Preparation

3.1 Unfolding the Scooter

1. Carefully remove the scooter from its packaging.
2. Locate the folding mechanism on the stem. Release the safety latch and unfold the stem until it locks securely into

place. Ensure the double folding lock design is engaged.

3. Raise the handlebars to the desired height and secure the quick-release clamp.

3.2 Installing the Seat (Optional)

The GLRDRD X14 comes with an adjustable and comfortable seat for extended rides. To install:

1. Insert the seat post into the designated slot on the scooter's deck.
2. Adjust the seat height to your preference and tighten the quick-release clamp to secure it.



Figure 3.1: The adjustable seat post allows for a customized and comfortable riding position.

3.3 Initial Charging

Before your first ride, fully charge the scooter's battery. The scooter is equipped with a 60V 38.8AH Lithium Battery.

1. Locate the charging ports on the scooter (typically on the side of the deck).

2. Connect the charger(s) to the charging port(s) and then plug the charger(s) into a standard wall outlet.
3. The charger indicator light will typically turn red during charging and green when fully charged.
4. A full charge takes approximately 8-10 hours. Do not overcharge.



Figure 3.2: The scooter's high-capacity lithium-ion battery provides a maximum range of 70 miles on a full charge in single motor mode.

3.4 Tire Pressure Check

Ensure the 14-inch off-road pneumatic tires are properly inflated before each ride. Refer to the tire sidewall for recommended pressure (PSI).

4. Operating Instructions

4.1 Powering On/Off

Insert the key into the ignition and turn it to the "ON" position. The LCD display will illuminate. To turn off, turn the key to the "OFF" position and remove it.

4.2 Understanding the LCD Display

The upgraded LCD screen provides real-time information about your ride.



Figure 4.1: The upgraded LCD screen displays crucial information such as speed, battery level, and mileage, with controls for single/dual motor and ECO/TURBO modes.

Key indicators include:

- **Speed:** Current riding speed.
- **Battery Level:** Remaining battery charge.
- **Mileage:** Total distance traveled.
- **Voltage Display:** Real-time battery voltage.
- **Mode Indicator:** Shows current riding mode (ECO/TURBO, Single/Dual Motor).

4.3 Riding Modes and Controls

The GLRDRD X14 offers versatile riding options:

- **Acceleration:** Use the thumb throttle (accelerated fingering) to control speed. Apply gentle pressure to start and increase speed gradually.
- **Single/Dual Motor Mode:** A switch on the handlebar allows you to toggle between single motor (for efficiency) and dual motor (for maximum power and climbing ability) operation.
- **ECO/TURBO Mode:** Another switch controls the power output. ECO mode conserves battery and is suitable for longer ranges, while TURBO mode provides maximum speed and acceleration.



Figure 4.2: The scooter's powerful dual 4000W motors enable a maximum speed of 65 MPH and a 50-degree climbing ability.

4.4 Braking System

The scooter is equipped with a hydraulic disc brake system (Front Braking, Rear Braking) for reliable stopping power. Use both brake levers simultaneously for optimal braking performance. Apply brakes smoothly to avoid sudden stops.



Figure 4.3: The scooter features front hydraulic dual shock absorbers and rear dual spring dampers for a smooth ride over varied terrain.

4.5 Lighting and Signals

For safe night riding, the scooter includes:

- **Dual Headlights:** Two super bright headlights provide wide and long-distance illumination.
- **Taillights:** For visibility from the rear.
- **Turn Signals:** Upgrade turn signal lamps for indicating turns.
- **Brake Lights:** Illuminate when brakes are applied.
- **Colorful Riser Ambient Lights:** Enhance visibility and aesthetics. Controlled via the included remote.



Figure 4.4: Enhanced lighting features ensure safe operation during nighttime rides.

4.6 Folding the Scooter

To fold the scooter for storage or transport:

1. Ensure the scooter is powered off.
2. Release the quick-release clamp on the handlebars and lower them.
3. Disengage the double folding lock design on the stem and carefully fold the stem downwards until it clicks into its folded position.
4. The compact folded size makes it easy to store in car trunks and other spaces.

5. Maintenance

5.1 Battery Care

- Charge the battery fully after each use, especially if it will be stored for an extended period.
- If storing for a long time, charge the battery to about 50-70% every 1-2 months.
- Do not expose the battery to extreme temperatures (hot or cold).
- Use only the original GLRDRD charger(s) provided with the scooter.

5.2 Cleaning

Wipe the scooter clean with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water, as this can damage electrical components.

5.3 Tire Maintenance

Regularly check tire pressure and inflate to the recommended PSI. Inspect tires for wear, punctures, or damage. Replace worn tires promptly.

5.4 Brake System Check

Periodically check the hydraulic disc brakes for proper function. Ensure brake levers engage smoothly and provide adequate stopping power. If you notice any issues, consult a qualified technician.

5.5 General Inspection

Before each ride, perform a quick visual inspection:

- Check that all bolts and fasteners are tight.
- Ensure the folding mechanism is securely locked.
- Verify that the handlebars and seat are stable.
- Test the lights, horn, and turn signals.

6. Troubleshooting

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or depleted; Key not fully inserted/turned; Loose connections.	Charge the battery fully; Ensure key is in "ON" position; Check all visible cable connections.
Reduced range or power.	Low tire pressure; Battery not fully charged; Riding in TURBO/Dual Motor mode excessively; Overload.	Inflate tires to recommended PSI; Fully charge battery; Switch to ECO/Single Motor mode; Reduce load.
Brakes feel weak.	Brake pads worn; Hydraulic fluid low; Cable adjustment needed.	Inspect brake pads and replace if worn; Consult a technician for hydraulic system check or cable adjustment.
Unusual noises during operation.	Loose components; Debris in wheels/motors; Worn bearings.	Inspect scooter for loose parts and tighten; Clear any debris; If noise persists, seek professional inspection.

Problem	Possible Cause	Solution

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact GLRDRD customer support.

7. Specifications

Feature	Detail
Brand	GLRDRD
Model Name	X14
Motor Power	2 x 4000W Brushless Hub Motors (8000W Total)
Battery	60V 38.8AH Lithium Battery
Max Range	Up to 70 Miles (full charged, single motor mode)
Max Speed	Up to 65 MPH
Charging Time	8-10 Hours
Weight Limit	440 Pounds
Item Weight	68 Kilograms
Wheel Size	14 Inches
Wheel Type	Pneumatic, Off-Road
Brake Style	Front & Rear Hydraulic Disc Brake
Suspension	Front Hydraulic Dual Shock Absorbers, Rear Dual Spring Dampers
Special Features	Dual Braking System, Dual Charging Port, Foldable, Seat, Colorful Riser Ambient Lights, Turn Signals, Headlights, Taillights
Material	Aluminum Alloy
Age Range (Description)	Adult
UPC	764479728727

8. Warranty Information

GLRDRD provides a limited warranty for the X14 Electric Scooter. Electrical parts have varying warranty periods, generally ranging from 1 to 12 months. Please retain your proof of purchase for warranty claims.

The warranty typically covers manufacturing defects and does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. For detailed warranty terms and conditions, please refer to the warranty card included with your product or contact GLRDRD customer support.

9. Customer Support

If you have any questions, require technical assistance, or need to report an issue with your GLRDRD X14 Electric Scooter, please contact our customer support team.

- **Website:** Visit the official GLRDRD website for FAQs, support resources, and contact forms.
- **Email:** [Insert Customer Support Email Here - if available, otherwise omit or generalize]
- **Phone:** [Insert Customer Support Phone Number Here - if available, otherwise omit or generalize]

When contacting support, please have your scooter's model number (X14) and proof of purchase readily available.

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