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Gotrax Eclipse Ultra Saddle

Gotrax Eclipse Ultra Saddle Electric Scooter User Manual

Model: Eclipse Ultra Saddle

1. Introduction

Thank you for choosing the Gotrax Eclipse Ultra Saddle Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

2. Safety Information

WARNING: Riding an electric scooter can be a dangerous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. The scooter can move, and is intended to move, and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride in wet conditions, on slippery surfaces, or in heavy rain.
- Adhere to local traffic laws and regulations.
- Do not exceed the maximum weight limit of 264 pounds (120 kg).
- Ensure all bolts and quick releases are securely fastened before each ride.
- Avoid riding under the influence of alcohol or drugs.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Children under 16 should not operate this scooter.
- Perform regular checks as outlined in the Maintenance section.

3. Package Contents

Your Gotrax Eclipse Ultra Saddle Electric Scooter package should include the following items:

- Electric Scooter
- Charger

- User Manual

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

4. Setup and Assembly

The Gotrax Eclipse Ultra Saddle Electric Scooter comes largely pre-assembled. Follow these steps to prepare your scooter for its first ride:

1. **Unfolding the Scooter:**
   Place the scooter on a flat surface. Locate the folding mechanism near the base of the handlebar stem. Release the latch and carefully lift the handlebar stem until it locks into an upright position. Ensure the locking mechanism is fully engaged.



Image: A man demonstrating the one-step folding system, preparing the scooter for use or storage.

2. **Handlebar Adjustment:**
   If your model has an adjustable handlebar, loosen the quick-release clamp on the stem, adjust the handlebar to a comfortable height, and then securely tighten the clamp.



Image: A woman riding the scooter, highlighting the adjustable handlebar height and detachable seat for a comfortable experience.

3. **Seat Installation (if detached):**
   Insert the seat post into the designated slot on the scooter deck. Adjust the seat height to your preference and secure it with the quick-release lever or bolt provided.
4. **Initial Charge:**
   Before your first ride, fully charge the scooter's battery. Refer to the "Charging the Battery" section for detailed instructions.
5. **Pre-Ride Check:**
   Before each ride, ensure tires are properly inflated (if pneumatic), brakes are functional, and all parts are secure.

5. Components Overview

Familiarize yourself with the main components of your Gotrax Eclipse Ultra Saddle Electric Scooter:

- **Handlebars:** For steering and control.
- **Digital Display:** Shows speed, battery level, headlight status, and electric code lock status.
- **Throttle:** Controls acceleration.

- **Brake Levers:** Activates the dual drum braking system.
- **Headlight & Taillight:** For visibility and safety.
- **Folding Mechanism:** Allows for compact storage and transport.
- **Deck:** Foot platform.
- **10-inch Pneumatic Tires:** Provide a comfortable ride and good traction.
- **Front and Rear Dual Suspension:** Absorbs shocks for a smoother ride.
- **Detachable Seat:** Provides an option for seated riding.
- **Rear Shelf:** For carrying small items.
- **Charging Port:** Where the charger connects.



Image: Close-up of the scooter's digital display showing cruise control, speedometer, battery life, headlight indicator, and electric code lock.



Image: An exploded view highlighting the front and rear dual suspension system for enhanced ride comfort.

6. Operating Instructions

1. **Power On/Off:**
   Press and hold the power button on the display for a few seconds to turn the scooter on or off.
2. **Starting the Ride (Safe Start Feature):**
   The motor will not engage from a standstill. To activate the motor, kick off with your foot to reach approximately 1.87 mph (3 km/h). Once this speed is reached, the throttle will unlock, and you can use it to accelerate smoothly.
3. **Acceleration:**
   Gently press the thumb throttle on the right handlebar to accelerate. Increase pressure for more speed.
4. **Speed Modes:**
   Your scooter features 2 speed modes. Refer to the display controls to switch between modes (e.g., single press of the power button might cycle modes).
5. **Braking:**
   To slow down or stop, gently squeeze the brake levers on the handlebars. The scooter is equipped with a double

drum brake system for effective stopping power.

6. **Headlight/Taillight:**
   Press the headlight button (usually integrated with the power button or a separate button) to turn the front headlight and rear taillight on or off for improved visibility.
7. **Electric Code Lock:**
   Your scooter features an electric code lock for security. Refer to the display and scooter controls for setting and using your personal code.
8. **Folding for Storage/Transport:**
   To fold the scooter, ensure it is powered off. Locate the folding mechanism, release the latch, and carefully fold the handlebar stem down until it clicks into place. This one-step folding system makes it easy to store or transport.

7. Charging the Battery

Proper battery charging ensures optimal performance and longevity.

1. Ensure the scooter is powered off before charging.
2. Locate the charging port on the scooter (usually on the side of the deck).
3. Connect the charger to a standard wall outlet (100-240V). The indicator light on the charger will typically turn green.
4. Connect the charging cable to the scooter's charging port. The indicator light on the charger should turn red, indicating it is charging.
5. Charging time is approximately 6 hours for a full charge.
6. Once fully charged, the indicator light on the charger will turn green. Disconnect the charger from the scooter first, then from the wall outlet.
7. Do not overcharge the battery. Avoid leaving it plugged in for extended periods after it's fully charged.



Image: An illustration showing the scooter's battery compartment, indicating its 48V 720Wh battery for a max riding distance of 38 miles.

8. Maintenance

Regular maintenance will extend the life of your scooter and ensure safe operation.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.
- **Tires:** Check tire pressure regularly (if pneumatic) and inflate to the recommended PSI. Inspect tires for wear and tear.
- **Brakes:** Periodically check brake function and adjust if necessary. Ensure brake levers are responsive.
- **Battery Care:** Store the scooter in a cool, dry place. If storing for extended periods, charge the battery to about 50-70% every 30-60 days to prevent deep discharge.
- **Fasteners:** Regularly check all screws, bolts, and quick-release mechanisms to ensure they are tight and secure.
- **Storage:** Store the scooter indoors in a dry environment, away from direct sunlight and extreme temperatures.

9. Troubleshooting

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connections; Power button issue	Charge battery; Check all visible connections; Contact support
Motor not engaging	Safe start not initiated; Low battery; Throttle issue	Kick off to 1.87 mph; Charge battery; Contact support
Reduced range or speed	Low tire pressure; Overloaded; Battery degradation	Inflate tires; Reduce load; Contact support for battery check
Brakes not effective	Brake cable loose; Worn brake pads	Adjust brake cable tension; Replace brake pads (professional recommended)

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

10. Specifications

Feature	Detail
Model Name	ECLIPSE ULTRA Saddle
Motor Power	500W
Max Speed	Up to 19.9 mph (32 km/h)
Max Range	Up to 38 miles (61 km)
Tire Size	10 inches
Tire Type	Pneumatic
Suspension	Dual Suspension (Front & Rear)
Brake System	Double Drum Brake
Max Load	264 pounds (120 kg)
Battery Charge Time	6 hours
Frame Material	Aluminum
Product Dimensions	47"L x 21"W x 48"H
Item Weight	46 pounds

11. Warranty

The Gotrax Eclipse Ultra Saddle Electric Scooter comes with a**1 year limited warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

12. Customer Support

For technical assistance, warranty claims, or general inquiries, please visit the official Gotrax website or contact their customer service department. You can find more information and contact details at the Gotrax Store on Amazon.

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