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Gotrax EDGE

Gotrax EDGE Electric Balance Scooter User Manual

Model: EDGE

1. Important Safety Information

Please read this entire manual carefully before operating your Gotrax EDGE Electric Balance Scooter. Failure to follow the instructions and safety warnings could result in serious injury or property damage.

- **Public Road Use Prohibited:** Under current road traffic laws, the use of balance scooters on public roads is not permitted. This device is restricted to parks and private property. Always ensure sufficient safety precautions are taken.
- **Age and Weight Restrictions:** Suitable for users aged 8 and above. The load capacity is 20kg to 80kg.
- **Protective Gear:** Children must always be supervised by an adult and wear an ASTM F1492 approved helmet and other protective gear while riding.
- **First-Time Use:** When using for the first time, practice in a wide, flat area until you can smoothly mount, move forward, backward, turn, stop, and dismount.
- **Certifications:** The Gotrax EDGE is equipped with a safety control system and has obtained UL and PSE certifications, ensuring safe use.



Image 1.1: Safety Control System and Certifications. This image highlights various safety features such as power protection, angle detection, temperature detection, weight detection, speed warning, low battery warning, obstacle detection, UL certification, and PSE certification.

2. Package Contents

Ensure all items are present and in good condition upon unboxing.

- Gotrax EDGE Electric Balance Scooter (Main Unit)
- AC Adapter
- Instruction Manual

3. Setup and Charging

3.1 Initial Charging

The Gotrax EDGE is equipped with a 50.4Wh lithium-ion battery. For optimal performance and battery longevity, fully charge the scooter before its first use.

- Connect the AC adapter to the charging port on the scooter.
- Plug the adapter into a standard wall outlet.
- The charging indicator light will show the charging status.
- A full charge typically takes 5-6 hours.
- An easy-to-read indicator lamp helps monitor battery levels, preventing sudden power loss.

3.2 Self-Balancing Activation

The scooter features a built-in self-balancing sensor for ease of use.

1. Press the power button to turn on the scooter.
2. The scooter will automatically level itself into a horizontal, self-balancing state.

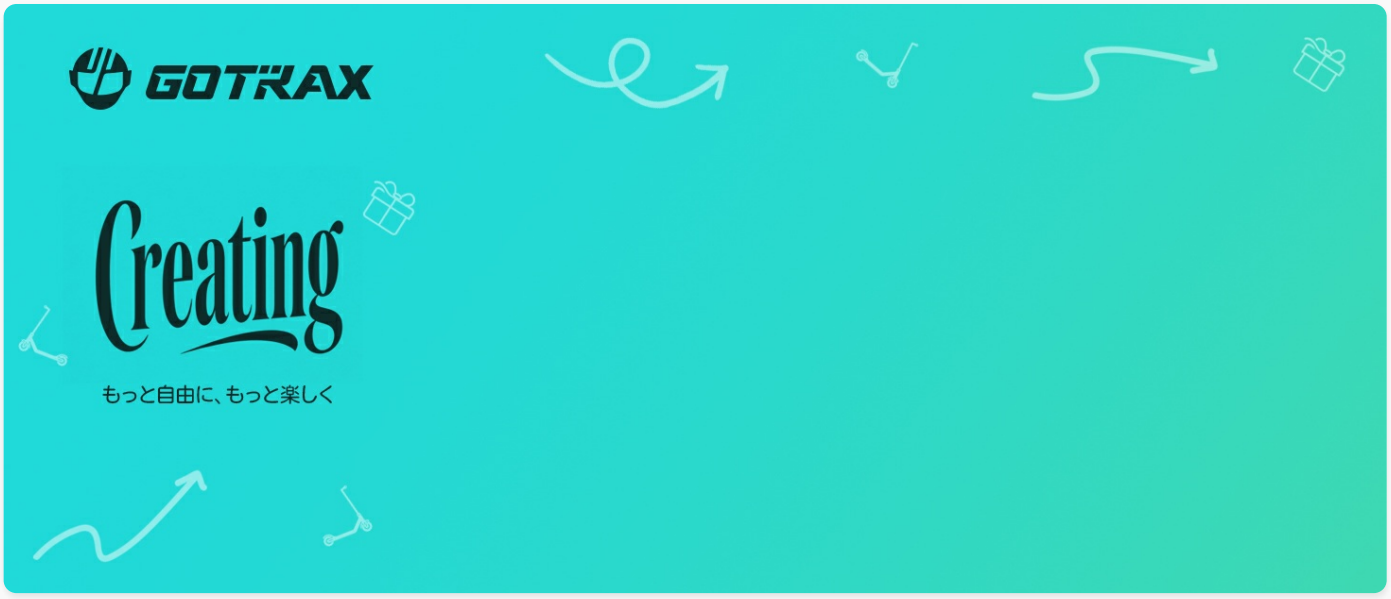

Image 3.1: The Gotrax EDGE features a self-balancing mode, making it easy for beginners to learn and enjoy.



Image 3.2: The scooter features bright LED lights and a clear battery indicator to show remaining charge.

4. Operating Instructions

4.1 Basic Riding Steps

1. **Step 1:** Turn on the power button. The scooter will self-balance.

2. **Step 2:** Place one foot onto the scooter. The sensor will detect your presence.
3. **Step 3:** Once the scooter is stable and parallel to the ground, place your other foot onto the step and stand still.
4. **Step 4:** Shift your center of gravity to move forward, backward, or rotate.
5. **Step 5:** To dismount, ensure the scooter is parallel to the ground, then slowly step off backward one foot at a time.

4.2 Controlling Movement by Weight Shift

- **Forward:** Shift your body weight towards your toes.
- **Backward:** Shift your body weight towards your heels.
- **Stop:** Stand with your weight evenly distributed on both sides.
- **Right Turn:** Shift your body weight to the right side, and lightly press down with the toes of your left foot.
- **Left Turn:** Shift your body weight to the left side, and lightly press down with the toes of your right foot.



Image 4.1: Control the scooter freely by shifting your center of gravity. This image illustrates how to move forward, backward, turn right, turn left, and stop.



Image 4.2: The powerful dual 200W motors allow for a maximum speed of 10km/h. The design is adapted for safety, even for children, at non-excessive speeds.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your Gotrax EDGE scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Avoid direct water

spray.

- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery.
- **Tire Inspection:** Periodically check the 6.5-inch tires for wear and tear. Ensure they are free from debris.
- **General Check:** Before each ride, inspect the scooter for any loose parts, damage, or unusual noises.

6. Troubleshooting

If you encounter any issues with your Gotrax EDGE scooter, refer to the following common troubleshooting tips:

- **Scooter Not Turning On:** Ensure the battery is charged. Press and hold the power button for a few seconds.
- **Battery Not Charging:** Check if the AC adapter is properly connected to both the scooter and the wall outlet. Ensure the outlet is functional. If the issue persists, contact customer support.
- **Difficulty Balancing/Unresponsive:** Ensure you are on a flat, even surface. Recalibrate the scooter by turning it off, placing it on a level surface, and then turning it back on.
- **Unusual Noises:** Stop riding immediately and inspect the scooter for any loose components or damage. Do not ride if you suspect a mechanical issue.
- **Reduced Range/Speed:** This could indicate a low battery charge or a need for battery maintenance. Ensure the scooter is fully charged before use. Performance can also be affected by rider weight and terrain.

For issues not covered here, please contact Gotrax JP customer support.

7. Specifications

Feature	Specification
Brand	Gotrax
Model Name	EDGE
Target Age	Children (8+ years old) / Adults
Special Features	LED Lights, Portable, Rechargeable, Anti-slip Deck, Lightweight
Max Speed	10 km/h
Battery Type	Lithium-ion (50.4Wh)
Wheel Size	6.5 inches
Product Weight	5.6 kg
Load Capacity	20 kg - 80 kg
Motor	2 x 200W
Range	Approx. 5 km (for a 60kg user)
Product Dimensions (L x W x H)	57 x 17.5 x 19.5 cm



Image 7.1: The 6.5-inch tires and indicated weight limit for the Gotrax EDGE scooter.

8. Warranty and Support

Gotrax products are sold by GOTRAX JP. We offer a**12-month warranty** from the date of your order.

Please note that specifications and appearance of this unit may change without notice for product improvement.

For warranty claims, technical support, or any inquiries, please contact GOTRAX JP customer service. Keep your proof of purchase for warranty validation.

9. Product Videos

No official product videos from the seller were provided in the product data to embed here. Please refer to the product page for any available video content.

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