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> Gotrax SA1 Electric Scooter User Manual

Gotrax SA1

Gotrax SA1 Electric Scooter User Manual

Model: SA1

INTRODUCTION

Thank you for choosing the Gotrax SA1 Electric Scooter. This manual provides essential information for the safe operation, maintenance, and assembly of your scooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.

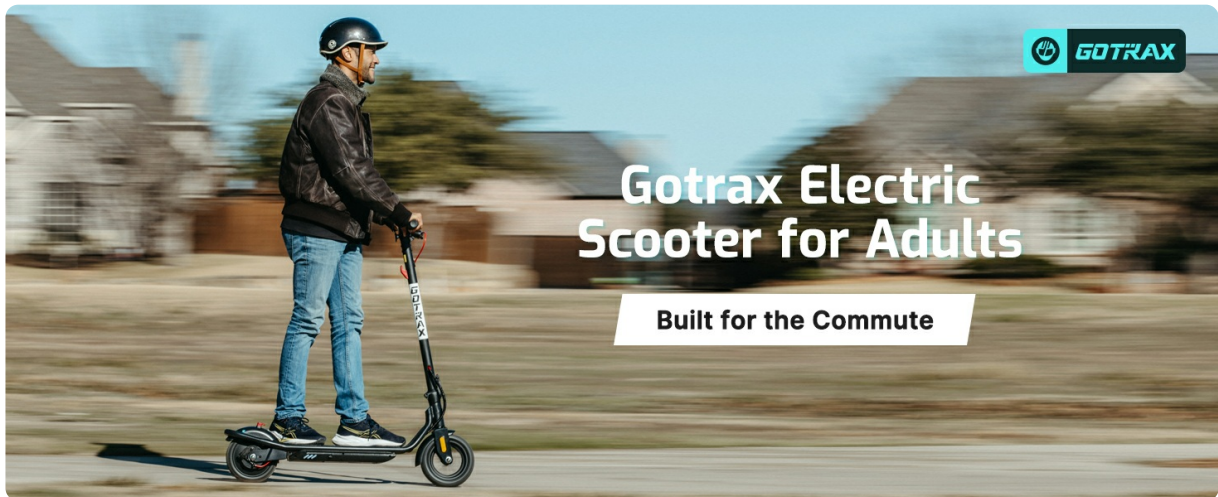


Image: A man in a helmet and jacket rides the Gotrax SA1 electric scooter on a paved path, demonstrating its use for commuting.

SAFETY INFORMATION

Always prioritize safety when operating your electric scooter. Failure to follow safety guidelines can result in serious injury or damage to the scooter.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Ensure all screws and components are securely fastened before each ride.

- Do not ride in wet conditions, heavy rain, or on slippery surfaces.
- Adhere to local traffic laws and regulations for electric scooters.
- Maintain a safe distance from pedestrians and other vehicles.
- Avoid riding under the influence of alcohol or drugs.
- Do not perform stunts or sudden maneuvers.

PACKAGE CONTENTS

Upon unboxing, please verify that all items are present:

- Gotrax SA1 Electric Scooter
- Charger
- User Manual
- Assembly Tools (Hex wrench, screws)

SETUP AND ASSEMBLY

The Gotrax SA1 Electric Scooter features a convenient one-step folding mechanism for easy setup. Follow these steps to prepare your scooter for its first ride:

1. **Unfold the Scooter:** Carefully lift the handlebar stem until it locks into the upright position. Ensure the folding latch is securely engaged.
2. **Connect Handlebar Wires:** Connect the internal wires from the handlebar to the main stem. Ensure a snug connection.
3. **Attach Handlebar:** Slide the handlebar onto the stem. Align the screw holes.
4. **Secure Handlebar:** Use the provided hex wrench and screws to firmly attach the handlebar to the stem. Tighten all screws evenly.
5. **Initial Charge:** Before your first ride, fully charge the scooter's battery. Refer to the 'Battery and Charging' section for details.

Safe to Ride



**Drum
Brake**



EABS



Image: The Gotrax SA1 electric scooter is shown in its folded state, highlighting the compact design and the folding latch.

Foldable and Portable

Light Enough for Anyone to Carry.

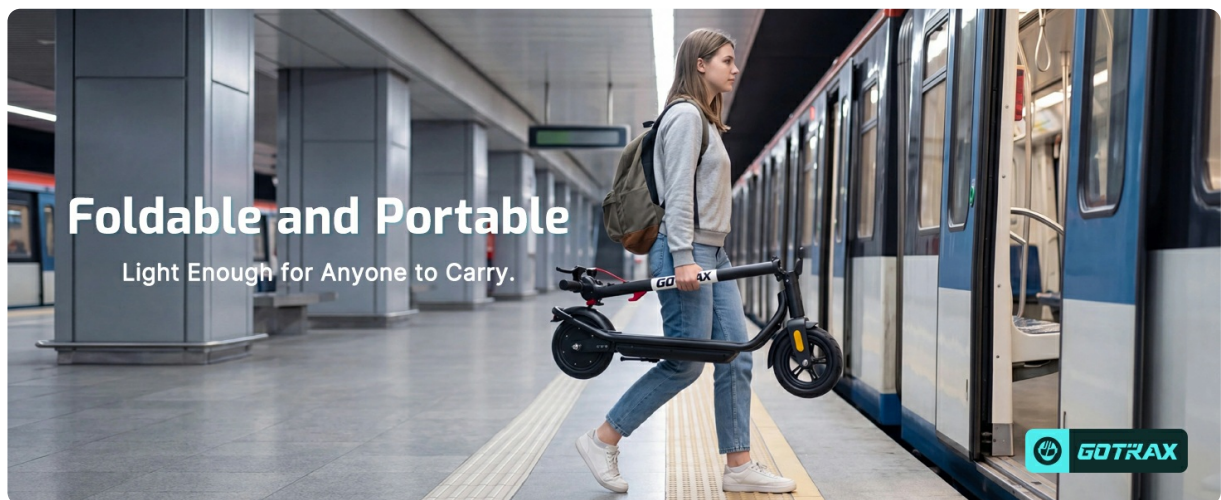


Image: A woman carries a folded Gotrax electric scooter, demonstrating its portability for public transport.

OPERATING INSTRUCTIONS

Power On/Off

To power on the scooter, press and hold the power button on the display for 2 seconds. To power off,

press and hold the power button again.

Riding Modes

The SA1 offers two riding modes:

- **Pedestrian Mode:** Maximum speed of 3.1 MPH. Ideal for walking alongside the scooter or in crowded areas.
- **ECO Mode:** Maximum speed of 15.5 MPH. Suitable for daily commutes and general riding.

Switch between modes by short-pressing the power button while the scooter is on.

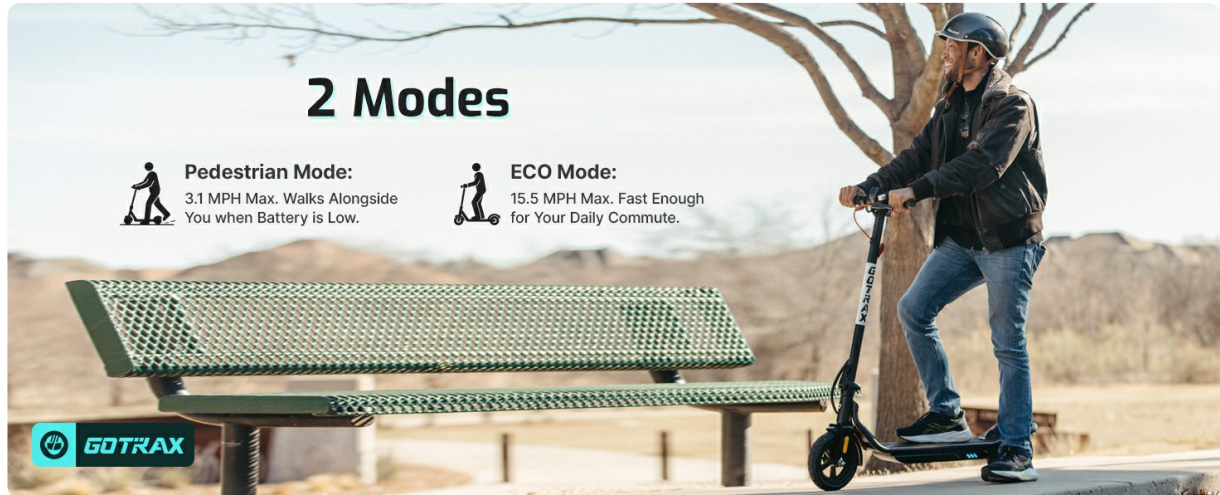


Image: The scooter's digital display illustrates the two available riding modes: Walk mode (3.1 MPH max) and ECO mode (15.5 MPH max).

Acceleration

To accelerate, give the scooter a slight push with your foot and then press the accelerator button on the right handlebar. The 250W motor provides strong acceleration and a 10% climbing capability.




15.5MPH
Top Speed


10° Uphill
Climbing

Image: A detailed view of the rear wheel and 250W motor, emphasizing the scooter's power and climbing ability.

Braking

The scooter is equipped with a dual braking system: a drum brake and an EABS brake. To brake, squeeze the brake lever on the left handlebar. This provides reliable stopping power for a safe ride.



Drum Brake



EABS

Image: An illustration detailing the dual braking system, showing both the drum brake and EABS for enhanced safety.

Cruise Control

Activate cruise control by holding down the accelerator button for an extended period (approximately 10 seconds) until you hear a beep. To deactivate, simply press the brake lever.



Image: A close-up of the digital LCD display on the handlebar, showing the speed, battery level, and the cruise control button.

Lights

The scooter is equipped with a bright headlight and cool ambient lights for increased visibility, especially during nighttime rides. Activate the headlight by pressing the light button on the display.



Bright
Headlight



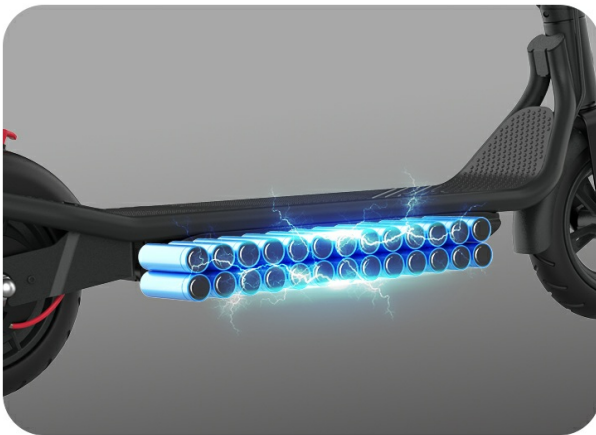
Ambient
Lighting

Image: The scooter's headlight and ambient lights are shown illuminated, enhancing visibility and safety.

BATTERY AND CHARGING

The Gotrax SA1 is powered by a 36V 5.2Ah battery, offering a range of 9-12 miles under optimum conditions. A full charge typically takes 4-5 hours.

- **Charging:** Connect the charger to the charging port on the scooter and then to a power outlet. The indicator light on the charger will change from red to green when fully charged.
- **Battery Care:** To prolong battery life, avoid completely draining the battery and store the scooter in a cool, dry place.



36V 5.2Ah Long
Life Battery



4 Hours Fast
Charging



BMS
Protection



9-12 Mile Under
Optimum Conditions

Image: An illustration showing the internal long-life battery pack of the Gotrax SA1 electric scooter.

MAINTENANCE

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

- **Tire Pressure:** Regularly check the pressure of the 8.5" front pneumatic tire. Aim for 50 PSI for optimal performance. The rear tire is solid and requires no maintenance.
- **Brakes:** Inspect the brake system regularly for wear and tear. Adjust or replace components as needed.
- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using high-pressure water or harsh chemicals.
- **Storage:** Store the scooter in a dry, indoor environment when not in use.



Image: A close-up of the front pneumatic wheel, highlighting its shock-absorbing capabilities for a comfortable ride.



Image: A close-up of the rear solid motor wheel, emphasizing its anti-flat design and low maintenance requirement.

TROUBLESHOOTING

If you encounter any issues with your GoTrax SA1 scooter, refer to the following common troubleshooting tips:

- **Scooter Not Turning On:** Ensure the battery is charged. Check all cable connections for looseness.
- **Loss of Power/Speed:** Check battery level. Ensure tires are properly inflated (for pneumatic front tire). Riding on inclines or with heavy loads can reduce speed.
- **Brakes Not Responsive:** Inspect brake cables and pads for wear. Adjust the brake lever tension if necessary.
- **Unusual Noises:** Check for loose components, debris in wheels, or worn bearings.

For persistent issues, please contact GoTrax customer support.

SPECIFICATIONS

Feature	Specification
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Model Name	SA1
Brand	Gotrax
Motor Power	250W
Max Speed	15.5 MPH
Battery	36V 5.2Ah
Max Range	12 Miles (9-12 miles under optimum conditions)
Charging Time	4-5 hours
Tires	8.5" Front Pneumatic, 8.5" Rear Solid
Max Load	220 lbs
Item Weight	33.31 Pounds
Folded Dimensions	40"x16"x18" (approx.)
Material	Iron
Included Components	Charger

WARRANTY AND SUPPORT

The Gotrax SA1 Electric Scooter comes with a **1-year warranty**. For warranty claims, technical support, or any questions regarding your scooter, please contact Gotrax customer service through their official website or the contact information provided in your product packaging.