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Ausom L1 Electric Scooter User Manual

Model: L1

1. INTRODUCTION

Welcome to your new Ausom L1 Electric Scooter. This manual contains important information regarding the assembly, operation, maintenance, and safety of your scooter. Please read it thoroughly before your first ride to ensure safe and optimal performance. Always observe local laws and regulations regarding electric scooter usage.

2. WHAT'S IN THE Box

- Ausom L1 Electric Scooter
- User Manual
- 1 Charger

3. SETUP AND ASSEMBLY

Follow these steps to assemble your Ausom L1 Electric Scooter. For a visual guide, please refer to the installation video below.

3.1 Unfolding the Scooter

1. Open the kickstand to make the scooter stand upright.
2. Loosen the folding mechanism and unfold the stem until it locks into place.
3. Secure the bottom hook into the slot and push the upper part of the folding mechanism into the stem until it snaps into place.

3.2 Attaching the Handlebar

1. Loosen the four screws on the stem clamp and open the clamp.
2. Place the handlebar onto the stem clamp, ensuring it is centered.
3. Align the four M5 screws with the holes in the stem clamp and tighten them to securely attach the

handlebar.

3.3 Attaching the Display

1. Place the display onto the handlebar.
2. Fasten the bottom of the display to secure it to the handlebars using the provided screws.

Video: Ausom E-Scooter Installation Instructions. This video demonstrates the assembly process for an Ausom electric scooter model, including unfolding, handlebar attachment, and display setup.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button on the display to turn the scooter on or off. The 4.5-inch LCD screen will illuminate, showing speed, battery level, and riding mode.



Image: The 4.5-inch LCD display provides clear information on speed, battery level, and current riding mode. It also highlights the NFC integrated unlock feature for enhanced security.

4.2 Riding Modes

The Ausom L1 offers multiple riding modes to suit different preferences and terrains:

- **ECO Mode:** For maximum range and energy efficiency.
- **SPORT Mode:** For a balanced performance of speed and power.
- **RACE Mode:** For maximum speed and acceleration.

Switch between modes using the dedicated button on the handlebar.

4.3 Braking System

The scooter is equipped with front and rear mechanical disc brakes and an E-ABS system for smooth and responsive braking. Apply the brake levers on the handlebar to slow down or stop. The brake light will activate automatically.



Image: Close-up view of the scooter's dual disc braking system, featuring mechanical disc brakes on both front and rear wheels, complemented by E-ABS for enhanced safety and control.

4.4 Lighting and Indicators

The Ausom L1 features a comprehensive LED lighting system for visibility and safety:

- Powerful front headlight.

- Rear taillight and brake light.
- Integrated turn signals.

Ensure all lights are functioning correctly before riding, especially in low-light conditions.



Image: The scooter is shown in a low-light environment, highlighting its integrated LED headlight, taillight, and turn signals, ensuring visibility from all angles for safe riding day and night.

Video: Ausom RS500 Electric Scooter Real Aspect. This video provides a detailed look at the scooter's design and features, including its lighting system and overall build quality.

5. FEATURES OVERVIEW

The Ausom L1 Electric Scooter is designed with advanced features for performance, safety, and comfort.

5.1 Powerful Motor and Long-Range Battery

- **Motor:** 800W powerful motor for quick acceleration and climbing slopes up to 25°.
- **Battery:** High-capacity 48V 15.6Ah lithium battery, providing up to 70 km of range on a single charge.



Image: The scooter's deck highlights the integrated 15.6Ah battery, emphasizing its capacity for long-distance travel up to 70km on a single charge.

5.2 All-Terrain Tires and Suspension

- **Tires:** 10-inch tubeless tires with deep tread for excellent grip and puncture resistance on asphalt, gravel, and light off-road surfaces.
- **Suspension:** Advanced swingarm suspension system absorbs shocks for a stable and comfortable ride.

Pneus Tubeless 10" pour Tous Terrains

Conçus pour les trajets quotidiens et les aventures tout-terrain légères, ces pneus tubeless à sculpture profonde et protection anti-crevaison adhèrent facilement à la boue, la neige et les graviers.



Image: Close-up of the scooter's 10-inch tubeless tire on a rocky surface, illustrating its robust design and deep tread suitable for various terrains, including mud, snow, and gravel.

Conduite Fluide grâce à la Suspension à Bras Oscillant

Une suspension à bras oscillant perfectionnée absorbe les chocs pour assurer une conduite stable et confortable.



Image: The scooter is shown with a rider navigating a small bump, highlighting the effectiveness of its advanced swingarm suspension in absorbing shocks for a fluid and comfortable riding experience.

5.3 Ergonomic Design and Portability

- **Adjustable Handlebar:** Accommodates riders from 140 to 200 cm (4'8"-6'7").
- **Max Load:** Supports up to 130 kg.
- **Folding Mechanism:** One-click folding for easy storage and transport.

Contrôle total, Accès sécurisé

Surveillez vitesse, puissance et paramètres de conduite d'un simple coup d'œil grâce à l'écran LCD 4,5 pouces. Le NFC intégré et le déverrouillage par mot de passe assurent à la fois praticité et sécurité renforcée.



Image: This image displays the Ausom L1 Electric Scooter in both its unfolded and folded states, with key dimensions highlighted to illustrate its compact design for storage and transport.

Video: Ausom RS500 Electric Scooter Driving Experience and Dimensions. This video showcases the scooter's performance during a ride and details its physical dimensions.

6. MAINTENANCE

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

6.1 General Care

- Clean the scooter regularly with a damp cloth. Avoid using high-pressure water jets.
- Store the scooter in a dry, cool place away from direct sunlight and extreme temperatures.

6.2 Tires and Brakes

- Check tire pressure regularly to ensure optimal performance and prevent punctures.
- Inspect brake levers and cables for proper function and wear. Adjust or replace as needed.

6.3 Battery Care

- Charge the battery fully before first use and after each ride.

- Do not leave the battery completely discharged for extended periods.
- Use only the original charger provided with the scooter.

7. TROUBLESHOOTING

If you encounter any issues with your Ausom L1 Electric Scooter, please refer to the following common troubleshooting tips:

- **Scooter not turning on:** Check battery charge level. Ensure all connections are secure.
- **Reduced range:** Verify tire pressure. Ensure battery is fully charged. Riding style and terrain can affect range.
- **Braking issues:** Inspect brake pads for wear. Check brake cable tension.

For persistent issues or error codes displayed on the screen, please contact the seller for assistance.

8. SPECIFICATIONS

Specification	Value
Model Name	L1
Brand	Ausom
Motor Power	800W
Battery	48V 15.6Ah
Max Range	Up to 70 km
Wheel Size	10 Inches
Tire Type	Tubeless
Brake Type	E-ABS + Front & Rear Disc Brakes
Frame Material	Aluminum
Max Weight Capacity	130 Kilograms
Color	Grey and Yellow

9. WARRANTY AND SUPPORT

For any questions, warranty claims, or technical support, please contact the seller directly. It is also important to be aware of and comply with all local laws and regulations regarding the use of electric scooters in your area.