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Ausom L2 Max

Ausom L2 Max Electric Scooter User Manual

Model: L2 Max

INTRODUCTION

Thank you for choosing the Ausom L2 Max 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 to ensure optimal performance and safety.



The Ausom L2 Max Electric Scooter, shown in both its upright riding configuration and folded for storage or transport.

SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate protective gear (knee pads, elbow pads, gloves) when riding. Familiarize yourself with local laws and regulations regarding electric scooter use.

- Always check the scooter before each ride, including brakes, tires, and battery level.
- Do not ride in heavy rain, snow, or icy conditions.
- Avoid riding on slippery surfaces, loose gravel, or excessively bumpy terrain.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not perform stunts or ride recklessly.

- Ensure all lights are functional, especially when riding at night.

SETUP

Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Release the folding mechanism latch, typically located near the base of the handlebar stem.
3. Carefully lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.
4. Adjust the handlebar height if applicable and secure it.

Initial Charging

Before first use, fully charge the scooter's battery. The Ausom L2 Max features dual charging ports for faster charging.

- Locate the charging ports on the scooter's deck.
- Connect the charger(s) to the ports and then to a power outlet.
- The charging indicator on the charger will typically turn green when fully charged. A full charge takes approximately 7 hours with dual chargers.
- Disconnect the charger(s) once charging is complete.

Power Your Devices

USB and Type-C Outputs



Dual Charging Ports

Faster Charging of Your Scooter

The scooter's handlebars showing the smart LCD display and a phone charging via USB, alongside a detailed view of the dual charging ports on the deck.

OPERATING THE SCOOTER

Powering On/Off and Speed Modes

Press and hold the power button on the LCD display to turn the scooter on or off. The L2 Max offers 6 speed modes, allowing you to adjust your ride from a maximum of 31 Mph.



Detailed view of the Smart LCD Control panel, highlighting the brake levers, horn, turn signal light switch, throttle, power switch, and buttons for speed/light control.

Acceleration and Braking

Use the thumb throttle to accelerate. The scooter is equipped with an Anti-Lock Braking System (E-ABS) and dual hydraulic disc brakes for responsive and safe stopping.

Dual Braking System

***E-ABS**

(Anti-Lock Braking System)

***Dual Disc Brakes**



A rider on the Ausom L2 Max scooter, illustrating the effectiveness of the dual braking system (E-ABS and dual disc brakes) on varied terrain.

Lighting System

The L2 Max features an all-round lighting system for enhanced visibility and safety, including headlights, rear brake lights, ambient lights, and joystick-controlled turn signals.

Safer and Stylish Night Tours

All-round lighting system makes your ride
brighter and safer!



The Ausom L2 Max scooter illuminated at night, showcasing its headlights, ambient lights, rear brake lights, and turn signal lights for improved safety and visibility.

Security Features

The scooter includes advanced security features such as passcode locking, NFC security lock, and a hidden AirTag mount for tracking.



Illustration of the NFC Security Lock feature, allowing the scooter to be unlocked using a smartphone or NFC card.



Diagram showing the discreetly integrated hidden AirTag slot within the scooter's frame for enhanced tracking and security.

MAINTENANCE

Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

Tire Maintenance

The L2 Max is equipped with 10-inch off-road tubeless tires.

- Regularly inspect tires for wear, punctures, or damage.
- Maintain recommended tire pressure for optimal performance and range.



10-Inch Off-Road Tubeless Tires

The thickened tubeless off-road tires ensure outstanding stability and smoothness while riding over diverse terrain.

A close-up view of the 10-inch off-road tubeless tire and disc brake system on the Ausom L2 Max scooter, designed for stability and smooth riding on diverse terrain.

Brake Inspection

- Check brake levers for proper tension and responsiveness.
- Inspect brake pads for wear and replace if necessary.

General Cleaning and Storage

- Clean the scooter with a damp cloth. Avoid using high-pressure water or harsh chemicals.
- Store the scooter in a dry, secure location when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Faulty power button	Charge battery; Check all cable connections; Contact support if issue persists.
Acceleration disengages randomly	Overheating (motor/controller); Low battery voltage; Loose motor connection	Allow scooter to cool down; Ensure battery is fully charged; Check motor connections; Contact Ausom support for diagnosis.
Brakes feel weak or spongy	Worn brake pads; Air in hydraulic system; Misaligned calipers	Inspect and replace brake pads; Consult a professional for hydraulic system bleeding or caliper adjustment.
Lights not working	Loose wiring; Blown bulb/LED; Electrical fault	Check wiring connections; Contact support for electrical issues.

SPECIFICATIONS

Feature	Detail
Brand	Ausom
Model Name	L2 Max
Motor Power	1000W Brushless (2000W Peak)
Top Speed	Up to 31 Mph (adjustable)
Max Range	Up to 56 Miles
Battery	48V/20.8AH (998.4WH)
Charging Time	Approx. 7 hours (with dual chargers)
Tires	10-inch Off-Road Tubeless
Braking System	Anti-Lock Braking (E-ABS) & Dual Hydraulic Disc Brakes
Suspension	Dual Rugged Swingarm Suspension
Climbing Angle	Up to 46% (20°)
Weight Limit	287 Pounds
Product Dimensions (LxWxH)	50.4"L x 27.1"W x 56.4"H
Frame Material	Aluminum
Special Features	Folding, All-Round Lighting, Smart LCD Control, Passcode Locking, NFC Security Lock, Hidden AirTag Mount

Detailed dimensions of the Ausom L2 Max Electric Scooter in both unfolded and folded states, including height, length, and width measurements.

WARRANTY AND SUPPORT







The Ausom L2 Max Electric Scooter comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Ausom website.

For technical support, troubleshooting assistance, or warranty claims, please contact Ausom customer service. You can often find contact information on the product packaging or the brand's official online store.

Visit the [Ausom Store on Amazon](#) for more information and support resources.

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Related Documents - L2 Max

	DT2 Pro Electric Scooter User Manual Comprehensive user manual for the Ausom DT2 Pro electric scooter, covering operation, safety guidelines, assembly, maintenance, troubleshooting, specifications, and compliance information.
	Ausom L2 Max Electric Scooter User Manual Comprehensive user manual for the Ausom L2 Max electric scooter, covering specifications, assembly, operation, maintenance, troubleshooting, and warranty information.
	Ausom Leopard Off-Road Electric Scooter User Manual V1.5 Comprehensive user manual for the Ausom Leopard Off-Road Electric Scooter (Model V1.5), covering safety, operation, maintenance, and specifications.
	Ausom Leopard Electric Scooter User Manual Comprehensive user manual for the Ausom Leopard electric scooter, covering assembly, operation, maintenance, troubleshooting, and warranty information provided by Shenzhen Magic Wheel Technology Co., Ltd.
	Ausom DT1 PRO Electric Scooter User Manual Comprehensive user manual for the Ausom DT1 PRO electric scooter, covering assembly, operation, maintenance, troubleshooting, specifications, and warranty information.
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