DYNAMO DYNAMO X1

DYNAMO X1 Electric Scooter User Manual

Model: DYNAMO X1

1. Safety Information

Read all instructions carefully before operating the DYNAMO X1 Electric Scooter. Failure to follow safety guidelines may result in injury or damage to the scooter.

- Always wear a helmet and appropriate safety gear (gloves, knee pads, elbow pads) when riding.
- Ensure all components are securely fastened before each ride.
- Do not operate the scooter under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Avoid riding in heavy rain, snow, or icy conditions.
- Maintain a safe distance from other vehicles and pedestrians.
- The maximum load capacity is 200 kg. Do not exceed this limit.

2. Setup and Initial Preparation

2.1 Unpacking

Carefully remove all packaging materials. Inspect the scooter for any signs of damage during transit. Keep packaging for future transport or storage.

2.2 Handlebar and Mirror Assembly

Attach the handlebars and mirrors as per the included hardware. Ensure all bolts are tightened securely. Refer to the visual guide below for typical assembly points.



Image: Side view of the DYNAMO X1 Electric Scooter, showing the handlebar and seat. This image illustrates the overall structure for assembly reference.

2.3 Initial Battery Charge

Before first use, fully charge the scooter's battery. Connect the charger to the scooter's charging port and then to a standard power outlet. The charging indicator will show the charging status. A full charge typically takes 3-4 hours.

2.4 Tire Pressure Check

Verify that the tire pressure is at the recommended level. Proper tire pressure is crucial for safety, performance, and battery range. Consult the tire sidewall for recommended PSI.

3. Operating Instructions

3.1 Starting the Scooter

Insert the key into the ignition and turn it to the 'ON' position. The LED speedometer will illuminate, indicating the scooter is ready for operation.



Image: Front view of the DYNAMO X1 Electric Scooter, highlighting the LED headlight and speedometer area. This view is relevant for understanding the control panel.

3.2 Anti-Theft Alarm and Motor Locking

The DYNAMO X1 is equipped with an anti-theft alarm and motor locking system. To activate, use the remote control provided. When activated, any unauthorized movement will trigger the alarm and lock the motor, preventing the scooter from being ridden.

3.3 LED Speedometer Functions

The digital LED speedometer displays current speed, battery level, and other essential riding information. Familiarize yourself with the display before riding.

3.4 Reverse Parking Feature

To engage the reverse parking feature, press the designated reverse button (usually located on the handlebar controls). The scooter will move backward at a slow speed, assisting with parking maneuvers.

3.5 Riding and Braking

- **Acceleration:** Gently twist the throttle on the right handlebar to accelerate.
- **Braking:** Use the brake levers on both handlebars for controlled stopping. The scooter features reliable braking systems for safety.
- **Lights:** Turn on the headlights and taillights for visibility, especially during low-light conditions or night rides.

4. Charging and Battery Care

4.1 Charging Procedure

Always use the original charger provided with your DYNAMO X1 scooter. Connect the charger to the scooter's charging port, then plug it into a power outlet. Disconnect the charger once the battery is fully charged to prevent overcharging.

4.2 Battery Maintenance

- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place when not in use, and ensure the battery is partially charged (around 50-70%) if storing for extended periods.
- Do not expose the battery to extreme temperatures.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your DYNAMO X1 Electric Scooter.

5.1 Cleaning

Clean the scooter regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components. Do not use abrasive cleaners.

5.2 Tire Maintenance

Regularly check tire pressure and inspect tires for wear, punctures, or damage. Replace worn tires promptly.

5.3 Brake Inspection

Periodically inspect the brake pads and cables for wear and proper function. Adjust or replace components as needed to ensure effective braking.

5.4 General Inspection

Check all bolts, nuts, and fasteners for tightness. Ensure all lights are functioning correctly. Lubricate moving parts as recommended by the manufacturer.



Image: Rear view of the DYNAMO X1 Electric Scooter, showing the taillights and rear wheel. This view is useful for brake and tire inspection.

6. Troubleshooting

This section addresses common issues you might encounter with your DYNAMO X1 Electric Scooter.

- **Scooter not starting:** Check if the key is fully inserted and turned to 'ON'. Ensure the battery has sufficient charge. Verify all connections are secure.
- **Reduced range:** This could be due to low tire pressure, riding in cold weather, carrying heavy loads, or an aging battery. Check tire pressure and ensure proper charging.
- **Alarm issues:** If the anti-theft alarm is not functioning correctly, check the remote control battery or consult customer support.
- **Brake noise:** Inspect brake pads for wear. Clean brake components if dirt or debris is present.

For issues not listed here or if problems persist, contact DYNAMO customer support.

7. Specifications

Key technical specifications for the DYNAMO X1 Electric Scooter.

Feature	Specification
Brand	DYNAMO
Model	DYNAMO X1
Manufacturer	Dynamo Electric Private Limited
Product Dimensions	188 x 69 x 120 cm
Item Weight	90 kg
Motor Wattage	1000 Watt (BLDC Waterproof Motor)
Battery Capacity	1.8 kWh (Heavy Duty)
Voltage	60 Volts (AC)
Charging Time	3-4 hours
Range per Charge	90-100 km (approx.)
Maximum Load	200 kg
Special Features	Anti-Theft Alarm, Motor Locking, Reverse Parking, Digital LED Speedometer

8. Warranty and Support

For warranty information, service, or technical support, please contact Dynamo Electric Private Limited. Keep your purchase receipt as proof of purchase.

- **Manufacturer:** Dynamo Electric Private Limited
- **Email:** info@dynamoindia.com

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Example: How do I reset this device or fix this error?

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