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> BOGIST M5 Elite Electric Scooter User Manual

## Bogist M5 Elite

# BOGIST M5 Elite Electric Scooter User Manual

Model: M5 Elite

Brand: Bogist

## 1. INTRODUCTION

The BOGIST M5 Elite Electric Scooter is designed for efficient and enjoyable urban commuting and recreational use. It features a powerful motor, long-range battery, and a portable, foldable design for convenience. This manual will guide you through its setup, operation, maintenance, and troubleshooting.



Figure 1.1: BOGIST M5 Elite Electric Scooter in use.

This image shows the BOGIST M5 Elite Electric Scooter with an adult male rider, highlighting its design and intended use for personal transportation.

## Key Features:

- **Powerful Performance:** Equipped with a 500W (800W Peak) high torque geared hub motor and a 48V 13Ah removable battery, offering a top speed of 25mph and a range of up to 45km on a single charge.
- **Portable and Lightweight:** Weighing only 55 lbs, its compact folding handlebar design allows for easy carrying, storage, or transport on public transportation.
- **Safety and Convenience:** Features rear wheel drum brakes and front wheel mechanical disc brake for reliable stopping power, along with integrated front and rear LED lights for enhanced visibility.
- **All-Terrain Capability:** 14-inch air-filled tires with front suspension ensure a smooth ride across various surfaces including streets, sidewalks, and trails.
- **Easy-to-Use Display:** An intuitive LCD screen clearly displays current speed, battery level, light functions, and riding modes.

## 2. SETUP

### 2.1 Unfolding the Scooter

1. Place the scooter on a flat, stable surface.
2. Locate the main folding latch on the frame. Release the latch carefully.
3. Gently lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.
4. Unfold the handlebars and secure them in place if they are folded separately.
5. Adjust the handlebar height to a comfortable riding position using the quick-release clamp.
6. Attach the included basket to the rear of the scooter as per the basket's specific instructions.

# Easily Foldable



Figure 2.1: The BOGIST M5 Elite Electric Scooter in its easily foldable state.

This image illustrates the scooter's compact design when folded, emphasizing its portability for storage or transport.

## 2.2 Initial Battery Charge

Before first use, fully charge the scooter's battery. This ensures optimal battery life and performance.

- Ensure the scooter is powered off.
- Locate the charging port, typically near the battery compartment.
- Connect the charger to the charging port, then plug the charger into a standard wall outlet.
- The charger indicator light will typically turn red during charging and green when fully charged.
- Charging time may vary, but an initial full charge can take several hours. Refer to the specifications for exact times.

## 3. OPERATING THE SCOOTER

### 3.1 Power On/Off

- To power on: Press and hold the power button on the display for a few seconds until the screen illuminates.
- To power off: Press and hold the power button again until the display turns off.

### 3.2 Riding Modes and Speed Control

The scooter features multiple riding modes to adjust speed and power output.

- Use the mode button on the display to cycle through available speed modes (e.g., Eco, Standard, Sport).
- The current speed and selected mode will be shown on the LCD display.
- To accelerate, gently press the throttle lever. Release the throttle to slow down.



Figure 3.1: The BOGIST M5 Elite Electric Scooter highlighting its speed of 40km/h.

This image emphasizes the scooter's performance capabilities, including its maximum speed, which is displayed on the screen.

### 3.3 Braking

- The scooter is equipped with rear wheel drum brakes and front wheel mechanical disc brakes.

- To brake, gently squeeze the brake levers on the handlebars. Apply both brakes simultaneously for optimal stopping power.
- Avoid sudden or harsh braking, especially at high speeds, to prevent loss of control.

### **3.4 Lights and Horn**

- The integrated front and rear LED lights can be activated via the display controls.
- Use the lights during low-light conditions or at night for visibility.
- The horn button is located on the handlebar. Use it to alert pedestrians or other riders.

## **4. MAINTENANCE**

### **4.1 Battery Care**

- Always use the original charger provided with the scooter.
- Do not overcharge the battery. Disconnect the charger once the indicator light turns green.
- Store the scooter and battery in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the battery to approximately 50-70% every 2-3 months.

### **4.2 Tire Pressure**

Regularly check and maintain the correct tire pressure for optimal ride quality and safety.

- Refer to the tire sidewall for the recommended PSI (Pounds per Square Inch).
- Use a standard bicycle pump with a pressure gauge to inflate the tires.



Figure 4.1: Detail of the 14-inch tires.

This image highlights the scooter's large, air-filled tires, which contribute to its all-terrain capability and smooth ride.

### 4.3 Cleaning and Storage

- Clean the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals.
- Ensure all components are dry before storing.
- Store the scooter in a dry, secure location, preferably indoors, to protect it from weather elements.

## 5. TROUBLESHOOTING

This section covers common issues and their potential solutions. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Scooter won't turn on	Low battery; Loose connections; Faulty power button	Charge battery; Check all connections; Contact support
Short battery range	Under-inflated tires; Heavy load; Riding uphill frequently; Old battery	Inflate tires to recommended PSI; Reduce load; Avoid steep inclines; Consider battery replacement
Brakes not effective	Worn brake pads; Loose brake cable; Contaminated brake disc	Inspect/replace brake pads; Adjust brake cable tension; Clean brake disc; Contact support
Unusual noises	Loose parts; Motor issue; Wheel bearing issue	Check for loose screws/bolts; Contact support for motor/bearing inspection

## 6. SPECIFICATIONS

Feature	Detail
Brand	Bogist
Model Name	M5 Elite
Color	Blue
Age Range (Description)	Adult
Special Feature	Adjustable Handlebar Height, Basket, Digital Display, Foldable, Seat
Weight Limit	265 Pounds
Product Dimensions (LxWxH)	19.68"L x 15.35"W x 47.24"H
Number of Wheels	2
Wheel Material	Alloy Steel
Frame Material	Aluminum
Item Weight	55 Pounds
Handlebar Type	Adjustable
Wheel Size	14 Inches
Wheel Type	Pneumatic
Suspension Type	Dual Suspension
Grip Type	Ergonomic

Feature	Detail
Brake Style	Disc
Recommended Uses For Product	Commuting, Recreational use
Maximum Distance Range	28 Miles
Manufacturer	Zhejiang Chihui Vehicle Co., Ltd.
Included Components	Basket

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The BOGIST M5 Elite Electric Scooter comes with a **1 Year Limited Warranty**. This warranty covers parts or issues due to manufacturer defects. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Bogist customer support. Refer to the product packaging or the official Bogist website for the most up-to-date contact information.