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WeHawk WX-07

WeHawk WX-07 Mini Electric Scooter User Manual

Model: WX-07

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and care of your WeHawk WX-07 Mini Electric Scooter. Please read this manual thoroughly before using the scooter to ensure proper handling and to prevent damage or injury. Keep this manual for future reference.

The WeHawk WX-07 Mini Electric Scooter combines practical mobility with comfort. It features a 1000W brushless motor and a 60V 20Ah lead-acid battery, offering a top speed of up to 32 km/h and a range of 35 to 60 km, depending on usage conditions. Designed for urban commutes and leisure, this electric scooter provides a quiet and emission-free transportation option.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- **Public Roads:** Avoid using the scooter on public roads where it may not be permitted or safe. Always check local regulations regarding electric scooter use.
- **Protective Gear:** Always wear a helmet, knee pads, elbow pads, and appropriate footwear when operating the scooter.
- **Age and Supervision:** This scooter is intended for adult use. Ensure the operator is mature enough to understand and follow all safety warnings and instructions.
- **Weight Limit:** Do not exceed the maximum weight capacity of the scooter.
- **Environmental Conditions:** Do not ride in wet conditions, heavy rain, or on slippery surfaces. Avoid riding at night or in low visibility conditions without proper lighting.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, and all fasteners to ensure they are in good working order.
- **Battery Safety:** Use only the charger provided by the manufacturer. Do not overcharge the battery. Keep the battery away from extreme temperatures and direct sunlight.

3. Product Features

- **Motor:** 1000W Brushless Motor with 60V controller for smooth acceleration.
- **Battery:** 60V 20Ah Lead-Acid Battery.
- **Speed:** Achieves speeds of up to 32 km/h.
- **Range:** Offers an autonomy of 35 to 60 km, depending on rider weight and terrain.
- **Seating:** Individual seat with backrest for comfort.
- **Tires:** 10-inch tires for stability.
- **Digital Panel:** Displays speed, battery charge level, and odometer.
- **Lighting:** LED illumination and turn indicators for increased visibility.
- **Brakes:** Front hydraulic brake and rear drum brake for reliable stopping power.
- **Suspension:** Equipped with shock absorbers for a smoother ride.
- **Security:** Includes an alarm with lock and a spare key.



Figure 3.1: Side view of the WeHawk WX-07 Mini Electric Scooter, showcasing its compact design and single seat.

4. Setup

The WeHawk WX-07 Mini Electric Scooter comes largely pre-assembled and does not require complex assembly. Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the scooter from its packaging. Retain all packaging materials for potential future transport or returns.
2. **Handlebar Adjustment:** Ensure the handlebars are securely fastened and aligned.
3. **Initial Charge:** Before the 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 on the charger will typically change color when fully charged. Refer to the charging section for more details.
4. **Tire Pressure Check:** Verify that the tires are inflated to the recommended pressure. Refer to the tire sidewall for the correct PSI/Bar.

5. **Brake Check:** Test both the front and rear brakes to ensure they are functioning correctly and provide adequate stopping power.

5. Operating Instructions

5.1 Starting the Scooter

1. Insert the key into the ignition and turn it to the 'ON' position.
2. The digital display will illuminate, showing battery level, speed (0 km/h), and odometer.
3. Place one foot on the footrest and push off gently with the other foot to gain initial momentum.
4. Slowly twist the throttle on the right handlebar to accelerate.

5.2 Digital Panel Usage



Figure 5.1: Close-up of the digital display on the WeHawk WX-07, showing speed, battery, and odometer readings.

The digital panel provides real-time information:

- **Speed:** Displays current riding speed in km/h.
- **Battery Charge:** Indicates the remaining battery level. Charge the scooter when the level is low.
- **Odometer:** Shows the total distance traveled.

5.3 Braking

To slow down or stop, gently squeeze the brake levers on both handlebars. The left lever controls the rear drum brake, and the right lever controls the front hydraulic brake. Apply both brakes smoothly and evenly for optimal stopping performance.



Figure 5.2: Front wheel of the WeHawk WX-07, highlighting the hydraulic disc brake system.

5.4 Turning and Signaling

Use the handlebars to steer. Activate the turn indicators (if equipped) before making turns to signal your intentions to others.

5.5 Parking and Security

When parking, ensure the scooter is on a stable, flat surface. Use the kickstand to support the scooter. Turn the key to the 'OFF' position and remove it. Engage the alarm system for added security.



Figure 5.3: Rear view of the WeHawk WX-07, showing the taillight and rear fender.

5.6 Charging the Battery

To charge the battery, ensure the scooter is turned off. Connect the charger to the charging port on the scooter, then plug the charger into a suitable power outlet. The charging time can vary, but typically takes several hours for a full charge. Do not leave the scooter charging unattended for extended periods. Disconnect the charger once the battery is fully charged.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your WeHawk WX-07 Mini Electric Scooter. The scooter is designed for simple maintenance and low cost.

- **Cleaning:** Clean the scooter regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Battery Care:** To maximize battery life, avoid completely draining the battery. Charge it regularly, even if not used frequently. Store the scooter in a cool, dry place when not in use.
- **Tire Maintenance:** Check tire pressure weekly and inflate to the recommended PSI/Bar. Inspect tires for wear, punctures, or damage.
- **Brake Inspection:** Periodically check the brake levers, cables, and pads for wear and proper function. Adjust or replace components as needed.
- **Fasteners:** Regularly check all screws, bolts, and nuts to ensure they are tight. Tighten any loose fasteners.
- **Storage:** If storing the scooter for an extended period, ensure the battery is partially charged (around 50-70%) and recharge it every few months to prevent deep discharge.

7. Troubleshooting

This section addresses common issues you might encounter with your WeHawk WX-07 Mini Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not turn on	Battery is discharged; Key not in 'ON' position; Loose battery connection	Charge the battery; Ensure key is turned to 'ON'; Check battery connections.
Reduced range or power	Low battery charge; Overloaded scooter; Low tire pressure; Battery degradation	Fully charge battery; Reduce load; Inflate tires to correct pressure; Consult service for battery check.
Brakes not effective	Worn brake pads; Loose brake cable; Air in hydraulic system (front brake)	Inspect and replace brake pads; Adjust brake cable tension; Consult a professional for hydraulic brake service.
Unusual noises during operation	Loose components; Debris in wheels/motor; Worn bearings	Inspect for loose parts and tighten; Clean wheels and motor area; Consult service if noise persists.

If you encounter a problem not listed here or if the suggested solutions do not resolve the issue, please contact WeHawk customer support.

8. Specifications

Feature	Specification
Brand	WeHawk

Feature	Specification
Model Number	WX-07
Motor Power	1000W Brushless
Battery Type	60V 20Ah Lead-Acid
Maximum Speed	Up to 32 km/h
Range	35 to 60 km (depending on conditions)
Tire Size	10 inches
Dimensions (L x W x H)	143 x 51 x 106 cm
Material	Steel Alloy
Assembly Required	No

9. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or visit the official WeHawk website. If you require technical assistance, have questions about operation, or need to report a defect, please contact WeHawk customer support. Ensure you have your model number (WX-07) and proof of purchase available when contacting support.

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