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WERHY H1LPRO

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Model: H1LPRO

1. INTRODUCTION

Thank you for choosing the WERHY H1LPRO Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

WERHY **H1L&H1LPro** Electric Scooter With Seat



Figure 1: WERHY H1LPRO Electric Scooter Overview

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- **Wear Protective Gear:** Always wear a helmet, knee pads, and elbow pads when riding.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations regarding electric scooters.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tire pressure, battery level, and ensure all components are securely fastened.
- **Weather Conditions:** Avoid riding in heavy rain, snow, or icy conditions. Wet surfaces can reduce traction and braking effectiveness.
- **Weight Limit:** Do not exceed the maximum load capacity of 265 lbs (120 kg).
- **Avoid Impairment:** Never operate the scooter under the influence of alcohol or drugs.

- **Single Rider:** This scooter is designed for a single rider. Do not carry passengers.
- **Safe Riding Environment:** Ride in open, safe areas away from heavy traffic. Be aware of pedestrians and other vehicles.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- WERHY H1LPRO Electric Scooter
- Charger
- User Manual (this document)
- Assembly Tools (if required for minor assembly)
- Removable Rear Seat Box
- Cable Lock (with combination)
- Detachable Phone Holder

4. SETUP AND INITIAL PREPARATION

4.1 Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Locate the folding mechanism latch near the base of the handlebar stem.
3. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure it is securely locked.

Foldable & Portable



*Folds 3s. After folding only 47*23 inch*

Figure 2: Folding and Portability

4.2 Handlebar and Seat Adjustment

The handlebar and seat height are adjustable to suit different rider heights.

- **Handlebar:** Loosen the quick-release clamp on the handlebar stem, adjust to your desired height, and securely tighten the clamp.
- **Seat:** Loosen the quick-release clamp on the seat post, adjust the seat to a comfortable height, and securely tighten the clamp.

4.3 Initial Charging

Before first use, fully charge the scooter's battery. Connect the charger to the charging port on the scooter and then to a power outlet. The charging indicator on the charger will change (e.g., from red to green) when fully charged. Charging typically takes approximately 4 hours.



Figure 3: Battery Specifications and Charging

4.4 Tire Pressure Check

The scooter is equipped with 14-inch pneumatic tires. Ensure tires are inflated to the recommended pressure (check tire sidewall for specific PSI) before each ride for optimal performance and safety.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button on the digital display to turn the scooter on or off.

5.2 Digital Display and Speed Modes

The digital display shows current speed, battery level, and selected speed mode. The scooter features three speed modes:

- **E (Eco Mode):** Approximately 8 mph, for extended range and casual riding.
- **D (Drive Mode):** Approximately 13 mph, a balanced mode for daily commuting.
- **S (Sport Mode):** Up to 22 mph, for maximum performance.

Press the mode button on the display to cycle through the speed modes.



Figure 4: Digital Display and Control

5.3 Acceleration and Braking

- **Acceleration:** Use the thumb throttle on the right handlebar to accelerate.
- **Braking:** The scooter is equipped with an EABS (Electronic Anti-lock Braking System) which combines mechanical and electronic braking for effective stopping power. Use the brake levers on the handlebars to engage the brakes.

5.4 Lighting System

The scooter features an adjustable front headlight with a 100-ft lighting range and an eye-catching taillight with integrated brake lighting for enhanced visibility and safety, especially during nighttime rides.

Safe & Enjoy Riding Experience



EABS system

Mechanical brake & electronic brake

Figure 5: Lighting System and Safety Features

5.5 Cruise Control

The scooter is equipped with a cruise control function. To activate, maintain a consistent speed for a few seconds. The scooter will then hold that speed. To deactivate, simply press the brake lever or apply the throttle.

5.6 Rear Seat Box and Wide Pedal

The scooter includes a removable rear seat box (11*8.5*6.5 inches) for carrying personal belongings and a wide 21*9 inch pedal with a non-slip mat for comfortable foot placement.

Large Usable Space



Figure 6: Storage and Footboard Design

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your WERHY H1LPRO Electric Scooter.

- **Battery Care:**

- Charge the battery fully after each use.
- Avoid completely draining the battery.
- If storing for an extended period, charge the battery to 50-70% and recharge every 30-60 days.

- **Tire Maintenance:**

- Regularly check tire pressure and inflate to the recommended PSI.
- Inspect tires for wear, punctures, or damage.

- **Brake Inspection:**

- Check brake levers and cables for proper function and tension.
- Ensure brake pads are not excessively worn.
- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **General Checks:** Periodically check all bolts, screws, and connections to ensure they are tight and secure.
- **Suspension:** The scooter features dual suspension. Inspect the suspension components for any visible damage or unusual play.



Figure 7: Dual Suspension System

7. TROUBLESHOOTING

If you encounter issues with your scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connection; Faulty power button	Charge battery; Check all connections; Contact support if issue persists.
Reduced range or speed	Low tire pressure; Overload; Battery degradation; Riding uphill frequently	Inflate tires to correct PSI; Ensure rider weight is within limits; Charge battery fully; Adjust riding style.
Brakes not responsive	Loose brake cable; Worn brake pads; Contaminated brake surface	Adjust brake cable tension; Inspect and replace brake pads if worn; Clean brake components.
Unusual noises during operation	Loose components; Debris in wheels; Motor issue	Check all fasteners; Inspect wheels for obstructions; Contact support.

For issues not listed above or if troubleshooting steps do not resolve the problem, please contact WERHY customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	WERHY
Model Name	H1LPRO
Motor Power	500W
Max Speed	22 mph
Max Climbing Angle	20°
Battery Capacity	48V 10.4Ah & 22.5Ah (1080Wh)
Max Range	27-49 Miles (depending on battery option/riding conditions)
Charging Time	Approx. 4-5 hours
Tire Size	14 Inches
Tire Type	Pneumatic
Suspension Type	Dual Suspension (Front & Rear)
Brake Style	EABS (Mechanical & Electronic Brake)
Max Load	265 Pounds (120 kg)
Frame Material	Aluminum
Special Features	Digital Display, Cruise Control, Adjustable Handlebar/Seat, Removable Rear Seat Box
Folded Dimensions	Approx. 47 x 23 inches



Figure 8: Motor and Performance Details

9. WARRANTY AND SUPPORT

WERHY provides a limited warranty for the H1LPRO Electric Scooter:

- **Scooter and Parts:** One-year warranty.
- **Battery and Motor:** Six-month warranty.

This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

For warranty claims, technical support, or any questions regarding your scooter, please contact WERHY customer service through the retailer where you purchased the product or visit the official WERHY website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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