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› Joyhis Electric Scooter User Manual

Joyhis JS01

Joyhis Electric Scooter User Manual

MODEL: JS01-16MPH

For Adults

Introduction

Thank you for choosing the Joyhis Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: Joyhis Electric Scooter and App Interface. This image shows the scooter in its upright position alongside a smartphone displaying the scooter's control application, highlighting its smart features.

Setup

1. Unboxing and Initial Assembly

Carefully remove all components from the packaging. The scooter comes largely pre-assembled. You will need to attach the handlebars and perform a few simple steps. All necessary tools are included.

1. Lift the stem to its upright position until it clicks into place.
2. Attach the handlebars to the stem using the provided screws. Ensure they are securely fastened.
3. Check all connections and ensure no wires are pinched.

2. Initial Charging

Before first use, fully charge the scooter's battery. This is crucial for prolonging the life and capacity of your battery. Connect the charger to the charging port on the scooter and then to a power outlet. The indicator light on the charger will change when charging is complete.

- **Charging Time:** Approximately 5 hours.
- Ensure the charging port is dry before connecting the charger.

Operating Instructions

1. Power On/Off

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

2. Riding Modes

The scooter features multiple speed modes to suit different riding conditions and preferences. These can be selected via the smart app or the scooter's display.

- **ECO Mode:** Approximately 3 MPH for energy saving.
- **Standard Mode:** Approximately 8 MPH for balanced performance.
- **Sport Mode:** Up to 16 MPH for maximum speed.



16MPH
Durable Body



350W
Motor



Long
Battery Life

Figure 2: Smart LCD Display. This image highlights the scooter's handlebar display, showing speed, battery level, and selected riding mode, indicating clear visibility for the rider.

3. Smart App Control

Enhance your riding experience by pairing the scooter with its dedicated smartphone application. The app allows you to:

- Select riding modes.
- Control the light system.
- Adjust speed levels.
- Activate cruise control.
- Monitor scooter status and battery level.

4. Braking System

The Joyhis Electric Scooter is equipped with a double braking system for enhanced safety:

- **Disc Braking:** Provides strong and reliable stopping power.
- **EABS Regenerative Anti-lock Braking:** Offers additional safety and helps recharge the battery during braking.



Figure 3: Dual Braking System. This image visually explains the scooter's front E-brake and rear drum brake, emphasizing the safety features for effective stopping.

5. Lighting

For visibility and safety, the scooter features ultra-bright headlights and warning taillights. The lights illuminate automatically when entering a dark environment and can also be turned on/off manually.

6. Folding Mechanism

The scooter features a one-step folding design for easy storage and transport. Simply engage the folding latch near the base of the stem to fold the scooter compactly.



Figure 4: Portable Folding Design. This image demonstrates the scooter's portability, showing a person easily carrying the folded scooter up a set of stairs, highlighting its lightweight and compact nature.

Maintenance

1. Battery Care

To maximize battery lifespan:

- Always fully charge the battery before its first use.
- 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 if storing for extended periods.

2. Tire Care

The scooter is equipped with 8.5-inch maintenance-free solid tires. These honeycomb solid tires do not require inflation,

reducing the hassle of punctures and pressure checks. Regularly inspect tires for any signs of wear or damage.

3. General Cleaning

Clean the scooter regularly with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water, as this can damage electronic components.

Troubleshooting

This section addresses common issues you might encounter with your scooter.

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connections; Power button malfunction	Charge the battery fully; Check all visible cable connections; Contact support if issue persists.
Reduced range or speed	Undercharged battery; Heavy load; Uphill riding; Extreme temperatures	Ensure battery is fully charged; Reduce load; Avoid steep inclines; Operate within recommended temperature range.
Brakes not responsive	Brake cable adjustment needed; Worn brake pads	Inspect brake cables and adjust tension; Check brake pads for wear and replace if necessary.

Specifications

Detailed technical specifications for your Joyhis Electric Scooter.

Feature	Detail
Brand	Joyhis
Model Name	JS01 electric scooter
Motor Power	350W
Max Speed	16mph
Max Distance Range	10-15 Miles (up to 22 Miles)
Weight Limit	264 Pounds
Item Weight	32 Pounds
Product Dimensions	42"L x 17"W x 44.49"H
Wheel Size	8.5 Inches
Wheel Type	Solid (Maintenance-free)
Frame Material	High-Carbon Steel / Aluminum
Brake Style	Front Braking, Rear Braking (Disc & EABS Regenerative Anti-lock)
Charging Time	5 Hours
Certifications	UL2272 Certified

Warranty and Support

Joyhis offers a comprehensive warranty for your electric scooter:

- **General Warranty:** 12-month limited warranty.
- **Specific Parts:** 180-day warranty for certain components.

For any issues or inquiries, please do not hesitate to contact our customer support team. We are committed to responding within 24 hours to assist you.

Important Safety Notice: When using the e-scooter, please take extra care and wear appropriate protective gear, including a helmet, knee pads, and elbow pads, to ensure your safety.