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Mankeel Silver Wings

Mankeel Electric Scooter User Manual

Model: Silver Wings

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Mankeel Electric Scooter. Please read this manual thoroughly before first use and retain it for future reference. Adherence to these instructions will ensure optimal performance and longevity of your scooter.

KEY FEATURES

- **Powerful 500W Motor:** Provides high torque for speeds up to 17 mph (27 km/h) and a maximum climbing angle of 18 degrees, supporting riders up to 260 lbs (118 kg).
- **10-inch Pneumatic Tires:** Large air-filled rubber tires designed to absorb shock, providing a smooth and comfortable riding experience.
- **Long-Life 36V/7.8AH Battery:** Offers a range of up to 22 miles (35 km) on a single charge, with a full charge achieved in 3-4 hours.
- **Smart LCD HD Display:** Features a high-definition dashboard display with three adjustable speed modes: Energy-Saving, Normal, and Sports mode.
- **Comprehensive Lighting System:** Includes a bright headlight for forward visibility, a taillight for rear warning, and stylish body lights for enhanced night riding safety and visibility.
- **Foldable Design:** Lightweight at only 31 lbs (14 kg) with a 3-second fast-folding mechanism, making it easy to carry and store.



Image: The Mankeel Electric Scooter showcasing its sleek design, integrated display, and compact folded form.

SETUP

Upon unboxing, some minor assembly is required. Typically, this involves attaching the handlebar to the main stem and securing it with four screws. The process is straightforward and usually takes approximately 5 minutes to complete before the scooter is ready for its initial use.

OPERATING THE SCOOTER

Controls & Display

The scooter features an intuitive control layout. The main power button is located on the stem, allowing you to turn the scooter on/off and switch between riding modes. The accelerator is on the right handlebar, and the brake lever is on the left. The integrated LCD display provides real-time information including current speed, battery level, and active riding mode.



Image: A detailed view of the scooter's smart LCD HD display showing different speed modes (Energy-Saving, Normal, Sports) and the power switch button.

Starting and Riding

For safety, the scooter requires a manual kick-start before the accelerator becomes active. Push off with your foot to gain initial momentum, then engage the accelerator. This prevents accidental acceleration from a standstill.

Speed Modes

The scooter offers three distinct speed modes, which primarily adjust the maximum achievable speed:

- **Energy-Saving Mode:** Limits top speed to conserve battery.
- **Normal Mode:** Provides a balanced speed for everyday use.
- **Sports Mode:** Allows the scooter to reach its maximum speed of 17 mph (27 km/h).

PERFORMANCE

Motor & Power

Equipped with a 500W motor, the Mankeel Electric Scooter delivers robust performance for urban commuting and outdoor travel. It can handle inclines up to 18 degrees, though performance on steep hills may vary based on rider weight and battery level.



Image: A rider on the Mankeel Electric Scooter, with an overlay highlighting key performance metrics such as 500W motor, 35 km travel distance, 17 mph max speed, 18° max slope, and 265 lbs loading capacity.

Battery & Range

The scooter is powered by a 36V/7.8AH battery, offering a maximum range of 22 miles (35 km). Charging from empty to full takes approximately 3-4 hours. Actual range may vary depending on rider weight, terrain, speed, and environmental conditions.

Super Equipment - Long Life Battery



36V/7.8AH



30-35KM



Fast Loading



3-5H

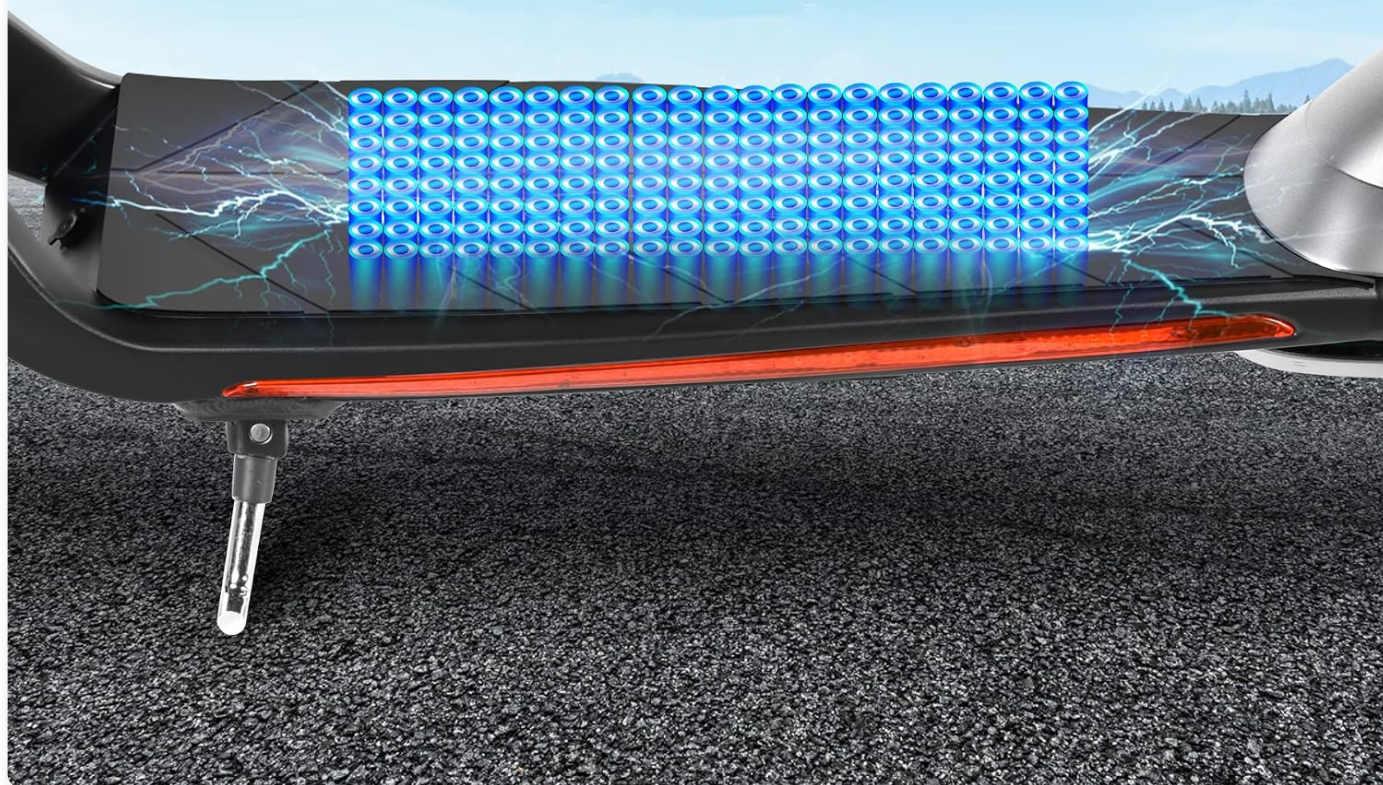


Image: An illustration depicting the scooter's battery pack (36V/7.8AH) and its fast charging capability, contributing to a long travel distance.

Tires & Ride Comfort

The 10-inch pneumatic (air-filled) tires are crucial for a comfortable ride, effectively absorbing shocks from uneven surfaces and bumps. While there is no dedicated front or rear suspension, the inflatable tires provide a smooth experience. Tire pressure can be adjusted to customize ride comfort.

Give You a Brisk Riding Experience

Large 10-inch Tires with Shock Absorption



Image: The scooter's large 10-inch pneumatic tire demonstrating its shock absorption capability over speed bumps, ensuring a brisk riding experience.

SAFETY FEATURES

Braking System

The scooter is equipped with a rear disc brake system, enhanced with E-ABS (Electronic Anti-lock Braking System). This feature helps prevent the rear wheel from locking up during hard braking, improving control and safety. While effective, some riders may prefer a dual braking system for added confidence.

Lighting

For enhanced visibility and safety, especially during low-light conditions, the scooter features a comprehensive lighting system:

- **Headlight:** Illuminates the path ahead, visible even in direct sunlight.
- **Taillight:** Acts as a warning light for vehicles behind, also functioning as a brake light that flashes when the brake lever is pressed.

- **Body Lights:** Stylish and functional lights along the body of the scooter increase overall visibility at night.

Travel Safely at Night



Image: Close-up views of the scooter's headlight, taillight, and double-row atmospheric side lights, emphasizing safety and style for night travel.

PORTABILITY & STORAGE

The Mankeel Electric Scooter is designed for convenience with its fast-folding mechanism. It weighs only 31 lbs (14 kg), making it one of the lighter scooters available. This allows for easy portability, whether you need to carry it up stairs, onto public transport, or store it in a car trunk or at home.



Take a Relaxing Journey!

- 3 Seconds Fast-Folding
- Weighs Only 31lbs (14kg)

Image: A person effortlessly holding the Mankeel Electric Scooter in its folded state, highlighting its lightweight (31 lbs / 14 kg) and compact design for easy transport.

MAINTENANCE

Regular maintenance is crucial for the performance and safety of your scooter. Key maintenance tasks include:

- **Tire Pressure:** Regularly check and maintain the correct tire pressure for optimal ride comfort and efficiency.
- **Cleaning:** Keep the scooter clean, especially after riding in wet or dusty conditions. Avoid using high-pressure water jets directly on electronic components.
- **Battery Care:** Avoid fully depleting the battery and store the scooter with a partial charge if not used for extended periods. Charge regularly to prolong battery life.
- **Brake Inspection:** Periodically check the rear disc brake for wear and ensure proper function.
- **General Inspection:** Regularly inspect all screws and connections to ensure they are tight and secure.

TROUBLESHOOTING

If you encounter issues with your Mankeel Electric Scooter, consider the following common troubleshooting steps:

- **Scooter not turning on:** Ensure the battery is charged and the power button is held down for a few seconds.
- **Reduced range/power:** Check tire pressure, ensure battery is fully charged, and consider rider weight and terrain. Battery performance can be affected by cold weather.
- **Squeaking/creaking noises:** These may occur from plastic components, especially on rough terrain. Ensure all parts are securely fastened.
- **Braking issues:** Inspect the disc brake for any obstructions or wear. Ensure the brake lever is functioning correctly.
- **Uphill performance:** For heavier riders, the 350W motor (as indicated on some units, despite 500W claims) may struggle on steeper inclines.

SPECIFICATIONS

Feature	Specification
Brand	Mankeel
Model Name	Silver Wings
Motor Power	500W (some units may indicate 350W)
Max Speed	17 MPH (27 km/h)
Battery	36V/7.8AH
Max Range	22 Miles (35 km)
Charging Time	3-4 hours
Tire Size	10 Inches
Tire Type	Pneumatic (Air-filled)
Brake Style	Rear Disc Braking with E-ABS
Max Load	260 lbs (118 kg)
Scooter Weight	31 lbs (14 kg)
Max Climbing Angle	18°
Foldable	Yes
First Available	July 30, 2021

WARRANTY AND SUPPORT

The Mankeel Electric Scooter comes with a limited warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty information provided with your product packaging or contact Mankeel customer support directly. For any technical assistance, spare parts, or service inquiries, please reach out to the official Mankeel support channels.

ASK A QUESTION ABOUT THIS MANUAL

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Question

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

Details

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

Submit question