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Kalarace V8

Kalarace Electric Scooter User Manual

Model: V8 (8.5Inch-22 Miles)

Brand: Kalarace

1. INTRODUCTION

Welcome to the Kalarace Electric Scooter user manual. This guide 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.

1.1 Safety Guidelines

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

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Perform a pre-ride check: ensure brakes are functional, tires are in good condition, and all parts are securely fastened.
- Do not ride in heavy rain, snow, or on slippery surfaces.
- Avoid riding under the influence of alcohol or drugs.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not exceed the maximum weight limit of 264 pounds.
- Children under 14 years of age should not operate this scooter.

2. PRODUCT OVERVIEW

The Kalarace Electric Scooter is designed for efficient and enjoyable urban commuting. It features a robust design and smart functionalities.

2.1 Key Features

- **Powerful Motor:** Equipped with a 350W motor for speeds up to 19 MPH and 15% uphill climbing capability.
- **Long-Range Battery:** 36V 10.5AH battery provides up to 21 miles of travel range on a single charge.
- **Efficient Braking System:** Features a reliable rear drum brake and EABS brake for enhanced safety and control.
- **Durable Tires:** Anti-flat 8.5-inch honeycomb tires require no maintenance and offer a comfortable ride.
- **Portable Design:** Quick 3-second folding system for easy storage and transport. Weighs approximately 23 pounds.
- **Smart Connectivity:** LED display and app control for monitoring speed, range, battery, and personalized settings.
- **Enhanced Visibility:** Equipped with bright front LED light and rear taillights for safe night riding.

2.2 Product Components

Below are visual representations of the scooter's key components and features.



Figure 2.1: Kalorace Electric Scooter (8.5-inch model)

Smart APP Digital Display

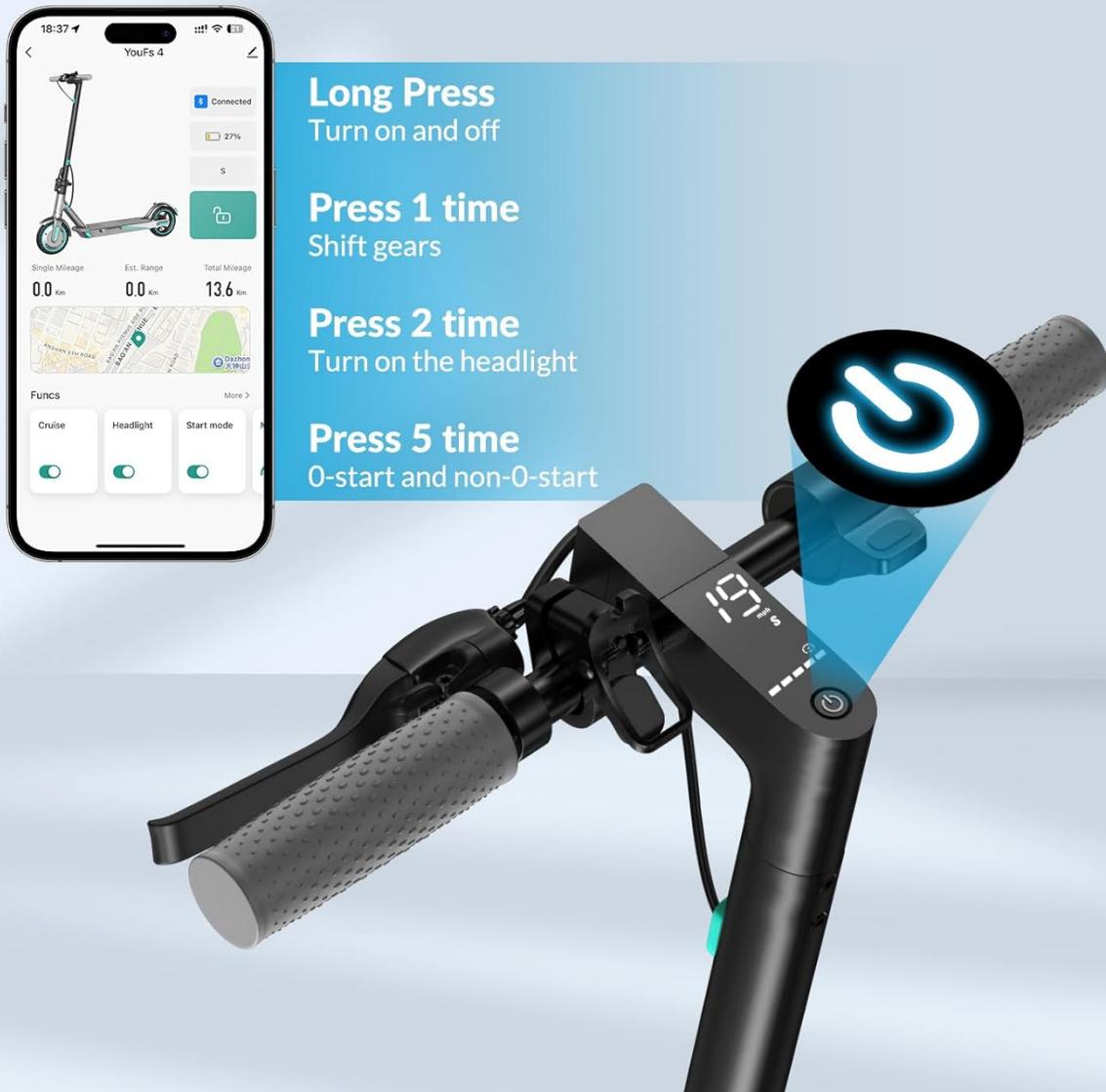


Figure 2.2: Smart APP Digital Display and Handlebar Controls. The display shows speed, range, and battery level. Controls include power, gear shift, and headlight activation.



Figure 2.3: Illustration of the 36V 10.5AH battery pack, providing long range and fast charging capabilities.



Figure 2.4: Visual representation of the 350W motor and its performance, including max speed and uphill climbing ability.

Drum Brak and Bright Lights Make Your Ride Safer!



Figure 2.5: Close-up of the drum brake system and the bright front and rear lights for improved safety.

Portable and 3S Folding Design



Figure 2.6: Demonstration of the scooter's quick folding mechanism, allowing for easy storage in a car trunk.



Figure 2.7: Detailed dimensions of the scooter in both unfolded and folded states, highlighting its compact design.

2.3 Official Product Video

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Video 2.1: An overview of the Kalorace factory and product strength, showcasing the brand's commitment to quality.

3. SETUP

3.1 Unboxing and Initial Assembly

Your Kalorace Electric Scooter comes largely pre-assembled. Follow these steps for final setup:

1. Carefully remove the scooter from its packaging.
2. Unfold the scooter by releasing the folding mechanism. Ensure it locks securely into place.

3. Attach the handlebars to the stem. Typically, this involves aligning the handlebars and securing them with four screws (tools may be included).
4. Check all connections and ensure all screws are tightened before first use.

3.2 Initial Charging

Before your first ride, fully charge the scooter's battery. The charging time is approximately 4 hours.

- Locate the charging port on the scooter.
- Connect the charger to the scooter, then plug the charger into a standard power outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
- Always use the original charger provided with your scooter.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Riding Modes

- **Power On/Off:** Long press the power button on the display to turn the scooter on or off.
- **Shift Gears:** Press the power button once to cycle through the speed modes.
 - **Eco Mode:** Approximately 9 MPH (for energy saving).
 - **Slow Mode:** Approximately 12 MPH (for comfortable cruising).
 - **Sport Mode:** Approximately 19 MPH (for maximum performance).
- **Headlight:** Press the power button twice to turn the headlight on or off.
- **Start Mode (0-start/non-0-start):** Press the power button five times to switch between push-start (0-start) and immediate-start (non-0-start) modes.

4.2 Riding Your Scooter

1. Place one foot firmly on the deck and push off with the other foot.
2. Once you gain a little speed, gently press the accelerator lever.
3. Place your other foot on the deck.
4. To slow down or stop, gently apply the brake lever.
5. Maintain balance and keep both hands on the handlebars at all times.

4.3 App Control

The Kalorace Electric Scooter can be connected to a mobile application for enhanced control and monitoring. Refer to the app's instructions for pairing and features, which typically include:

- Viewing riding status (speed, mileage, battery).
- Firmware updates.
- Locking and unlocking the scooter.
- Personalized settings (e.g., cruise control, start mode).
- Access to service and tutorials.

350W POWERFUL MOTOR



15% Uphill Climbing



Max Speed 19MPH



Figure 4.1: Example of the mobile application interface for scooter control and monitoring.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

5.1 Battery Care

- Regularly check the condition of the battery and charging device.
- Ensure that the matching battery is used and the correct charging method is applied.
- Avoid charging in unventilated or flammable environments.
- Do not overcharge the battery. Disconnect the charger once fully charged.
- If storing the scooter for an extended period, charge the battery to about 50-70% and recharge every 1-2 months.

5.2 Tire Maintenance

The 8.5-inch honeycomb tires are designed to be anti-flat and require no maintenance or repair. However, regularly inspect them for any signs of damage or excessive wear.

5.3 General Cleaning and Storage

- Clean the scooter with a damp cloth. Do not use high-pressure water jets or corrosive cleaners.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- When storing, ensure the scooter is folded properly to save space.

6. TROUBLESHOOTING

If you encounter issues with your scooter, try the following basic troubleshooting steps:

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose connections.	Charge the battery fully. Check all cable connections.
Reduced range or speed.	Undercharged battery; riding conditions (uphill, heavy load); battery degradation.	Ensure battery is fully charged. Consider riding conditions. If persistent, contact support.
Brakes not responsive.	Brake cable adjustment needed; worn brake pads.	Inspect brake cables and pads. Adjust if necessary. If unsure, seek professional assistance.
App connectivity issues.	Bluetooth off; app outdated; scooter not in pairing mode.	Ensure Bluetooth is enabled on your device. Update the app. Restart scooter and try pairing again.

For more complex issues or if the problem persists, please contact Kalorace customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Kalorace
Model Name	V8
Color	8.5Inch-22 Miles (variant)
Age Range (Description)	14-50
Special Feature	Digital Display, Foldable, Rechargeable, Water-Resistant
Weight Limit	264 Pounds
Product Dimensions (LxWxH)	42.5"L x 18.9"W x 43.3"H
Number of Wheels	2
Wheel Material	Rubber
Frame Material	Aluminum
Item Weight	23 Pounds
Wheel Size	8.5 Inches
Wheel Type	Solid (Honeycomb)
Brake Style	Front Braking (Drum Brake and EABS)

Feature	Detail
Charging Time	4 Hours
Battery Capacity	36V 10.5AH
Max Speed	Up to 19 MPH
Max Range	Up to 21 Miles

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Kalorace offers a **1-year warranty** for the electric scooter, or a **180-day warranty** for specific components. Please retain your proof of purchase for warranty claims.

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

8.2 Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Kalorace customer support. We aim to respond within 24 hours.

For the most up-to-date contact information, please visit the official Kalorace website or refer to the contact details provided with your purchase documentation.