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## Kalarace V10pro-48 km

# Kalarace V10pro-48 km Electric Scooter User Manual

Model: V10pro-48 km

## 1. SAFETY INFORMATION

Please read this manual carefully before operating your Kalarace V10pro-48 km electric scooter. Failure to follow the instructions and safety warnings may result in serious injury or damage to the scooter. Keep this manual for future reference.

### General Safety Guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Do not ride in wet conditions, heavy rain, or through puddles.
- Avoid riding on uneven surfaces, potholes, or obstacles.
- Observe all local traffic laws and regulations.
- Do not allow children under 16 years old to ride the scooter.
- Do not exceed the maximum weight limit of 120 kg.
- Maintain a safe distance from other vehicles and pedestrians.
- Regularly check the brakes, tires, and all components before each ride.

## 2. PRODUCT OVERVIEW

The Kalarace V10pro-48 km electric scooter is designed for efficient and comfortable urban commuting. It features a powerful motor, long-range battery, and a convenient folding mechanism.

### Key Features:

- Powerful Motor:** 400W motor for speeds up to 25 km/h.
- Extended Range Battery:** 36V 15AH battery offering up to 48 km range.
- Comfortable Ride:** 10-inch shock-absorbing pneumatic tires.
- Smart Connectivity:** Intuitive LED display and remote control app compatibility.
- Enhanced Safety:** Dual braking system (front electronic brake and rear drum brake).
- Portable Design:** Quick 3-second one-touch folding system.



Figure 2.1: Kalorace V10pro-48 km Electric Scooter.



Figure 2.2: Overview of Kalorace V10pro-48 km Electric Scooter with highlighted features.

# Powerful Motor



Top Speed



10INCH  
Air Tire



Motor



15%  
Uphill



Figure 2.3: Illustration of the powerful 400W motor and 10-inch pneumatic tire.

# Dual Braking System

Electronic Brake



Drum Brake & Warning Light



LED Head Lamp



Foldable



Figure 2.4: Details of the dual braking system, LED headlamp, and folding mechanism.

# SMART LCD DISPLAY



Speed display



Cruise control



Battery life



3 Speed mode

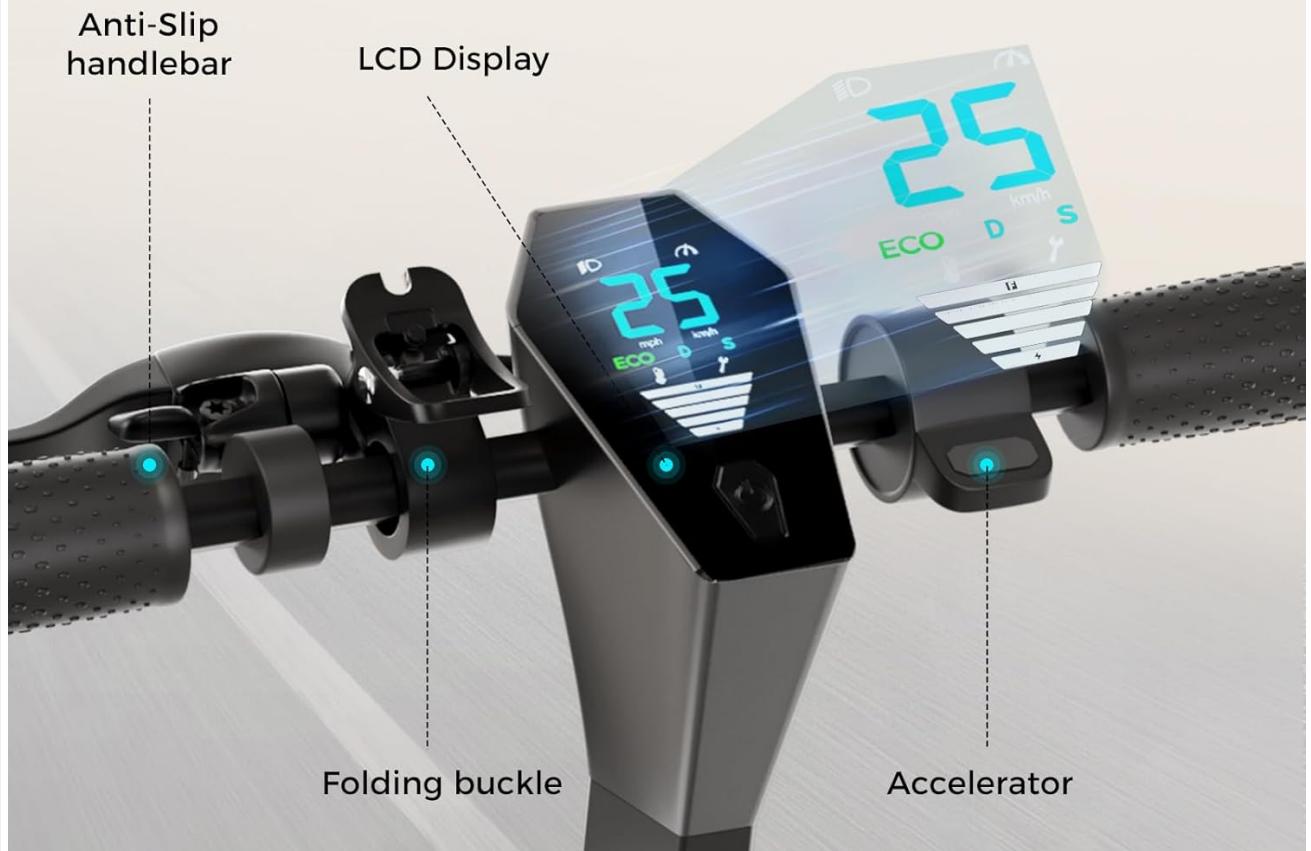


Figure 2.5: Smart LCD Display and handlebar controls.



**6-7Hours**  
Fast charging



**36-48 km**  
Range



**36V 15AH**  
Lithium Battery



Figure 2.6: The integrated 36V 15AH Lithium Battery.

# 1-Touch Folding System

Easy to Carry and Only 35lbs



Figure 2.7: The scooter demonstrating its one-touch folding system.

## Product Videos:

[REDACTED]  
Video 2.1: General overview of the Kalorace electric scooter's features and design.

[REDACTED]  
Video 2.2: Demonstration of the Kalorace electric scooter in use.

## 3. SETUP

### 3.1 Unboxing and Initial Inspection

- Carefully remove all components from the packaging.
- Check for any visible damage during transit. Contact customer support immediately if any damage is found.
- Ensure all accessories are present: charger, user manual, and any included tools.

### 3.2 Handlebar Assembly

1. Lift the stem of the scooter until it locks into place.
2. Attach the handlebar to the stem, ensuring the cables are not pinched.
3. Secure the handlebar using the provided screws and tools. Tighten firmly.

### 3.3 Initial Charging

- Before first use, fully charge the scooter's battery.
- Connect the charger to the charging port on the scooter, then plug it into a power outlet.
- The charging indicator on the charger will change (e.g., from red to green) when fully charged. Charging typically takes 6-7 hours.
- Do not overcharge the battery. Disconnect the charger once charging is complete.

### 3.4 Tire Pressure Check

- Check the tire pressure before your first ride and periodically thereafter.
- Refer to the tire sidewall for recommended pressure (usually 30-50 PSI).
- Proper tire pressure ensures optimal performance, range, and safety.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

- To power on: Press and hold the power button on the display for a few seconds. The LED display will light up.
- To power off: Press and hold the power button again until the display turns off.

### 4.2 Riding the Scooter

1. Place one foot firmly on the deck of the scooter.
2. Use your other foot to push off the ground to gain initial momentum (kick-start).
3. Once moving, gently press the accelerator lever with your thumb.
4. Place your second foot on the deck.
5. To slow down or stop, release the accelerator and gently apply the brake levers.

### 4.3 Speed Modes

The scooter typically offers multiple speed modes (e.g., Eco, Drive, Sport) to suit different riding conditions and preferences. Refer to the display for current mode.

- To change speed mode: Briefly press the power button while the scooter is on. The mode indicator on the display will change.

### 4.4 Braking System

The Kalorace V10pro-48 km is equipped with a dual braking system for optimal safety.

- **Electronic Front Brake:** Activated by the left brake lever. Provides smooth deceleration.
- **Rear Drum Brake:** Activated by the right brake lever. Provides strong stopping power.
- For emergency stops, apply both brakes simultaneously and shift your weight slightly backward.

### 4.5 Smart LED Display and App Control

The integrated LED display shows real-time information:

- Current Speed
- Battery Level
- Selected Speed Mode
- Distance Traveled
- Error Detection (if applicable)

The scooter can also connect to a dedicated mobile application for remote control and additional features. Download the app from your smartphone's app store and follow the in-app instructions for pairing.

## 4.6 Folding and Unfolding

- **To Fold:** Ensure the scooter is powered off. Locate the folding buckle/lever at the base of the stem. Release the locking mechanism and push the stem downwards until it clicks into the folded position.
- **To Unfold:** Release the locking mechanism from the folded position. Lift the stem upwards until it locks securely into the riding position. Ensure the locking mechanism is fully engaged before riding.

## 5. MAINTENANCE

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

### 5.1 Battery Care

- Charge the battery fully before its first use.
- Avoid completely draining the battery. Recharge it after each use, or at least once a month if not used regularly.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the original charger provided with the scooter.

### 5.2 Tire Maintenance

- Check tire pressure weekly and inflate to the recommended PSI.
- Inspect tires for wear, punctures, or damage. Replace worn tires promptly.

### 5.3 Brake Inspection

- Regularly check the functionality of both electronic and drum brakes.
- Ensure brake levers are responsive and provide adequate stopping power.
- If brakes feel loose or ineffective, have them inspected and adjusted by a qualified technician.

### 5.4 Cleaning and Storage

- Clean the scooter with a damp cloth. Do not use high-pressure water jets or harsh chemicals.
- Ensure the charging port cover is securely closed to prevent water ingress.
- Store the scooter indoors in a dry environment when not in use.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Power button malfunction	Charge the battery; Check all cable connections; Contact support if issue persists.
Reduced range or speed	Low tire pressure; Overload; Headwind; Battery degradation	Inflate tires to correct pressure; Ensure rider weight is within limits; Charge battery fully; Consider battery replacement if old.
Brakes feel weak	Brake cable adjustment needed; Worn brake pads	Adjust brake cables; Inspect and replace brake pads if worn; Seek professional service.
Display shows error code	System malfunction; Sensor issue	Refer to the mobile app for specific error code meanings; Restart the scooter; Contact customer support.

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

## 7. SPECIFICATIONS

The following are the technical specifications for the Kalorace V10pro-48 km Electric Scooter:

Feature	Detail
Product Name	V10pro-48 km
Brand	Kalorace
Item Model Number	V10
Motor Power	400 W
Battery	36V 15AH Lithium Battery
Max Speed	25 km/h
Max Range	Up to 48 km
Charging Time	6-7 Hours
Tire Size	10 inches (Pneumatic)
Braking System	Front Electronic Brake, Rear Drum Brake
Max Load	120 Kilograms
Item Weight	17 Kilograms
Product Dimensions (L x W x H)	110L x 46W x 115H centimeters (Unfolded)
Frame Material	Aluminum
Color	V10pro-48 km-yellow

## **8. WARRANTY AND SUPPORT**

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For warranty information, please refer to the documentation included with your purchase or contact the retailer where you purchased the Kalorace V10pro-48 km electric scooter. Warranty terms and conditions may vary by region and retailer.

### **Customer Support:**

If you have any questions, require technical assistance, or need to report a problem, please contact Kalorace customer support through their official website or the contact information provided by your retailer.