

CIRCOOTER Mate

CIRCOOTER Mate Off Road Electric Scooter User Manual

Model: Mate | Brand: CIRCOOTER

1. INTRODUCTION

Thank you for choosing the CIRCOOTER Mate Off Road 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 proper use and to maximize your riding experience. Keep this manual for future reference.



Image 1.1: The CIRCOOTER Mate Off Road Electric Scooter, showcasing its robust design and integrated lighting system.

2. SAFETY GUIDELINES

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

- **Wear Protective Gear:** Always wear a helmet, knee pads, elbow pads, and appropriate footwear while riding.
- **Check Local Laws:** Familiarize yourself with and obey all local laws and regulations regarding electric scooter usage.
- **Pre-Ride Inspection:** Before each ride, check tire pressure, brake functionality, and ensure all fasteners are tight.
- **Weight Limit:** Do not exceed the maximum load capacity of 150 kg (330 lbs).
- **Weather Conditions:** Avoid riding in heavy rain, snow, or icy conditions. The scooter is not waterproof.
- **Visibility:** Utilize the 360° lighting system, especially during low-light conditions. Consider wearing reflective clothing.
- **Avoid Distractions:** Do not use mobile phones or wear headphones while riding.
- **Age Restriction:** This scooter is intended for adults.

3. PACKAGE CONTENTS

Upon unpacking your CIRCOOTER Mate, please verify that all the following items are included:

- CIRCOOTER Mate Electric Scooter
- E Scooter Charger
- Installation Tool Kit
- User Manual (this document)
- Storage Bag

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your electric scooter.



Image 4.1: Close-up of the scooter's front suspension and 10-inch off-road tire, highlighting the comfortable riding experience.

Key Components:

- **Handlebars:** For steering and control. Features grips, brake levers, throttle, and display.
- **LCD Display:** Shows speed, battery level, riding mode, and other vital information.
- **Throttle:** Controls acceleration.
- **Brake Levers:** Activates the dual disc brakes and EABS system.
- **Headlight & Tail Light:** Essential for visibility and safety.
- **Side Moonlights & Turn Signals:** Enhance 360° visibility.
- **Deck:** Standing platform for the rider.
- **10-inch Pneumatic Off-Road Tires:** Provide traction and shock absorption.
- **Dual Suspension System:** Front swing arm and rear double thick spring shock absorbers for a smooth ride.
- **800W Brushless Motor:** Provides power for acceleration and climbing.
- **Folding Mechanism:** Allows for compact storage and transport.

- **Charging Port:** For connecting the charger.

5. SETUP AND FIRST USE

5.1 Unpacking and Assembly

1. Carefully remove all components from the packaging.
2. Unfold the scooter by releasing the folding mechanism. Ensure it locks securely into place.
3. Attach the handlebars to the stem, if not already pre-assembled. Use the provided installation tool kit to tighten all bolts securely.
4. Adjust the handlebar height to a comfortable position and secure it.

5.2 Initial Charging

Before your first ride, fully charge the scooter's 48V 12.5Ah battery.

- Locate the charging port, usually covered by a rubber flap.
- Connect the charger to the scooter, then plug it into a power outlet.
- The indicator light on the charger will typically turn red during charging and green when fully charged.
- Do not overcharge the battery. Disconnect the charger once charging is complete.

40 KM

Long Range

48V 12.5AH

Upgraded Battery

SYSTEM

Battery
Management



Image 5.1: Illustration of the 48V 12.5Ah battery system, providing up to 40 KM range.

5.3 Tire Pressure Check

Ensure the 10-inch pneumatic off-road tires are inflated to the recommended pressure for optimal performance and safety. Refer to the tire sidewall for specific pressure recommendations.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on, press and hold the power button on the display until it illuminates.
- To power off, press and hold the power button again until the display turns off.

6.2 Riding Modes and Speed Control

The scooter features multiple riding modes (gears) to adjust speed and power output. Use the mode button on the handlebars to cycle through available modes (e.g., 16km/h, 28km/h, 45km/h). The 800W motor allows for speeds up to 45 KM/H and a 20% climb grade.



Image 6.1: Detailed view of the 800W brushless motor, capable of reaching 45 KM/H and handling 20% inclines.

6.3 Braking System

The scooter is equipped with dual disc brakes and an EABS (Electronic Anti-lock Braking System) for effective stopping power. Apply both brake levers gently and evenly for controlled deceleration.

6.4 Lighting System

Activate the 360° lighting system for enhanced visibility. This includes a bright headlight, dual side moonlights, front and rear turn signals, and a tail light. Use turn signals to indicate your intentions to others.

Sextuple Fight Cool Light System



Image 6.2: The scooter's comprehensive 360° lighting system, including headlight, side lights, and tail light, for improved safety.

6.5 Smart APP Control

Download the CIRCOOTER app to unlock additional features and control your scooter remotely.

- **Lock/Unlock:** Secure your scooter.
- **Light Control:** Manage the lighting system.
- **Gears/Start Mode:** Adjust riding parameters.
- **Customize Settings:** Set max speed, cruise control, etc.
- **Diagnostics:** Monitor scooter health and riding data.



Image 6.3: A user interacting with the CIRCOOTER app to control scooter functions like locking, cruise control, and custom riding modes.

6.6 Folding and Unfolding

To fold the scooter for storage or transport, engage the folding mechanism as instructed in the assembly section. Ensure it is securely latched when folded and unfolded.

7. MAINTENANCE

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

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals.
- **Tire Care:** Regularly check tire pressure and inspect for wear or damage. Replace tires if necessary.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store the scooter in a cool, dry place. Avoid fully discharging the battery.

- **Brake Inspection:** Periodically check brake pads and cables for wear and proper adjustment.
- **Fastener Check:** Ensure all bolts and screws are tight before each ride.

8. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections	Charge the battery; Check all cable connections.
Reduced range or power	Low tire pressure; Battery degradation; Overload	Inflate tires to recommended pressure; Ensure battery is fully charged; Do not exceed weight limit.
Brakes feel weak	Worn brake pads; Loose brake cable	Inspect and replace brake pads; Adjust brake cable tension.
Unusual noises	Loose components; Debris in wheels	Check all fasteners; Inspect wheels and motor for obstructions.

If you encounter issues not listed here or require further assistance, please contact CIRCOOTER customer support.

9. SPECIFICATIONS

Technical specifications for the CIRCOOTER Mate Electric Scooter:

Feature	Detail
Model Name	Mate
Motor Power	800W Brushless Motor
Max Speed	Up to 45 KM/H
Max Range	Up to 40 KM
Battery	48V 12.5Ah
Tires	10-inch Pneumatic Off Road Tires
Suspension	Dual Suspension (Front Swing Arm, Rear Double Spring)
Braking System	Dual Disc Brakes + EABS
Lighting System	360° Lighting (Headlight, Side Moonlights, Turn Signals, Tail Light)

Feature	Detail
Max Load	150 Kilograms (330 LBS)
Frame Material	Aluminum
Product Dimensions (Unfolded)	52L x 24W x 120H Centimetres
Item Weight	24 Kilograms
Special Features	10" Pneumatic Off Road Tires, 330 LBS Max Load, 360° Lighting & Smart APP Support, Adjustable Handlebar Height, Dual Suspensions



Image 9.1: Dimensions of the CIRCOOTER Mate Electric Scooter in both unfolded and folded states.

10. WARRANTY AND SUPPORT

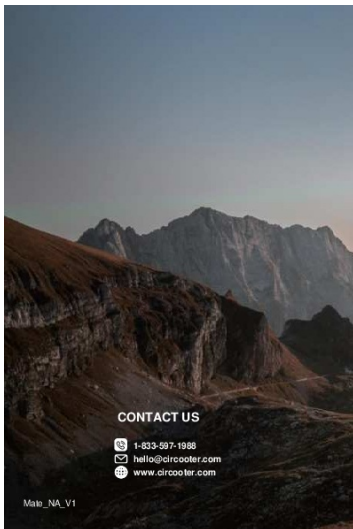
CIRCOOTER stands by the quality of its products. Your CIRCOOTER Mate Electric Scooter comes with the following warranty:

- **Standard Warranty:** 1-year warranty on the entire scooter.
- **Key Components Warranty:** 6-month warranty specifically for the motor and battery.

For warranty claims, technical support, or any inquiries, please contact CIRCOOTER customer service through the official website or your purchase platform. Please have your purchase receipt and scooter model information ready.

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Documents - CIRCOOTER – Mate



[Circooter Mate Electric Scooter: Quick Start Guide and User Manual](#)

A comprehensive guide for the Circooter Mate electric scooter, covering setup, operation, safety, maintenance, specifications, troubleshooting, and warranty information.

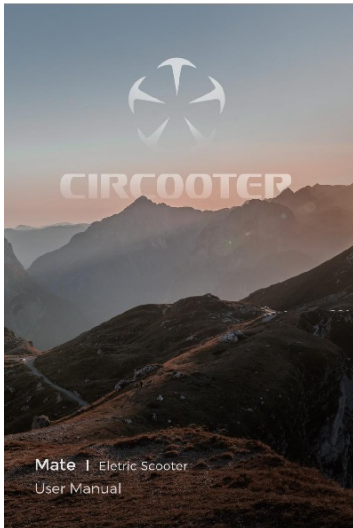
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[Manual de Usuario Circooter Mate: Guía Completa de Uso y Seguridad](#)

Explore el manual de usuario del patinete eléctrico Circooter Mate. Encuentre información esencial sobre seguridad, especificaciones técnicas, mantenimiento, uso de la aplicación y solución de problemas para una experiencia de conducción óptima.

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[CIRCOOTER Mate Electric Scooter User Manual - Safety, Operation, and Maintenance](#)

Comprehensive user manual for the CIRCOOTER Mate electric scooter, covering setup, operation, safety guidelines, maintenance, troubleshooting, and warranty information.

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[Circooter Mate Electric Scooter User Manual](#)

User manual for the Circooter Mate electric scooter, covering safety, specifications, display functions, assembly, riding basics, maintenance, and troubleshooting.

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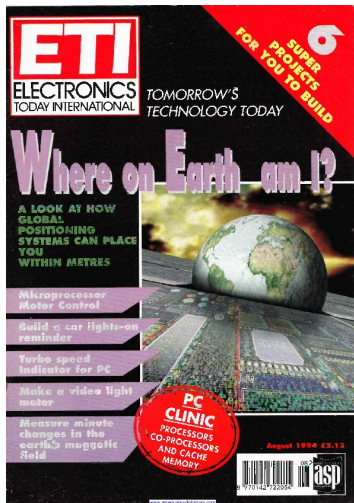


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