Please Read The Manual Carefully
Before Riding Electric Scooter

CAROMA

ELECTRIC SCOOTER

USER MANUAL

Model: C1

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FOR USERS IMPORTANT

Thank you for your purchase of the C1 Folding Electric Scooter by CAROMA!

To ensure your safety and the safety of others, please read and follow the guidelines in this user manual carefully and thoroughly before and during riding.

If you have any questions regarding the C1, please contact our service team by mail for further assistance.

team mailbox: **caromaservices@outlook.com**

Happy Riding!

The CAROMA Team

Warning!

REQUIRED CHECK BEFORE RIDING

Please check this manual carefully before using the product.

1. Check if the control panel turns on.
2. Ensure that the brakes are working properly.
3. Check that the brake pads are not damaged or need replacing.
4. Check that the horn is operating correctly.
5. Make sure the battery is within normal range.
6. Make sure the folding mechanism is in good condition and operational.
7. Please store the electric scooter indoor when not using it.
8. WARNING - To reduce the risk of injury, the user must read the instruction manual.
9. WARNING - Damage caused by natural disasters such as lightning strike, fire, flood are not covered under the warranty service.

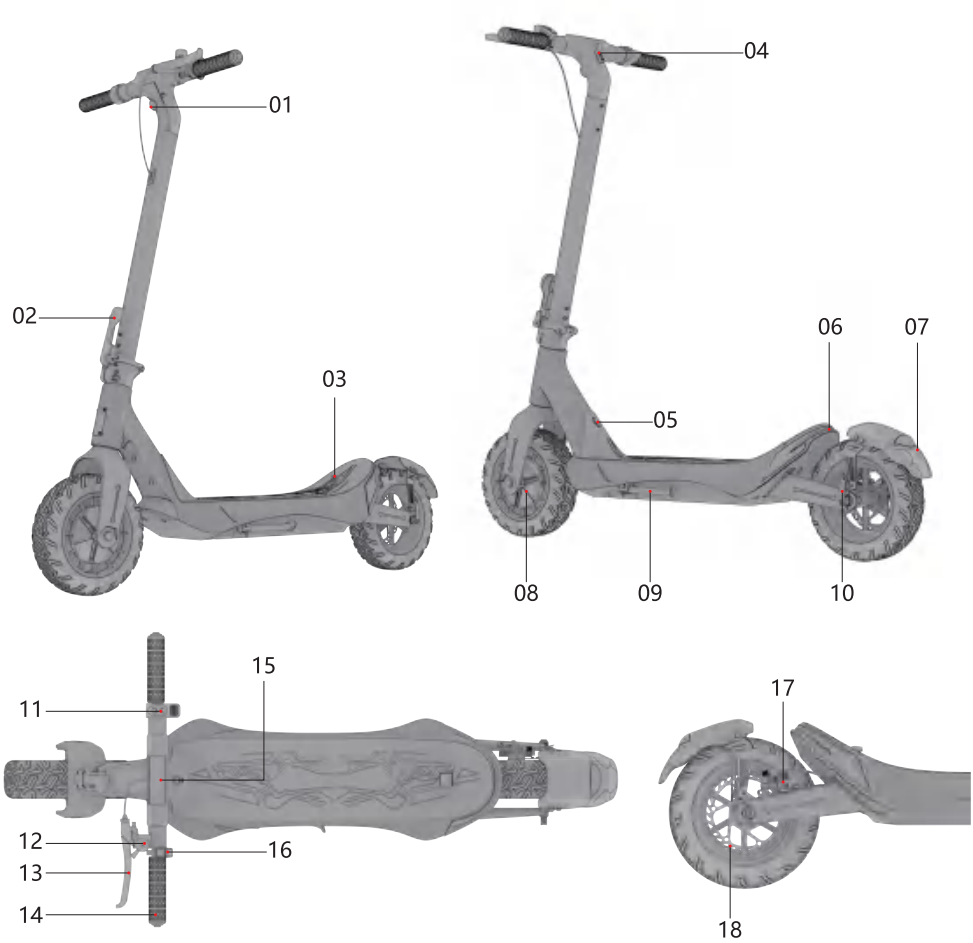
Safety Precautions

1. Always wear a helmet and knee and elbow pads when riding.
2. When initially riding the scooter, maintain a low speed and gradually increase speed as riding skills improve.
3. Do not ride the scooter in the rain, in the snow, or on roads that are wet, muddy, icy, or that are slippery for any reason.
4. Riders under the age of 18 years old should ride under adult supervision.
5. Adjust the handlebar to a suiatble and comfortable position.
6. When going downhill, ensure you are riding slowly to prevent accidents.
7. Please adhere to all applicable local laws and regulations while using this scooter. Do not ride where prohibited by local laws.
8. Make sure all screws are in condition and appropriately fastened.
9. Charging Instructions - Use only the specified charger as instructed.
10. Max Slope: 30°.
11. The range of the environment temperature when riding or charging: 0-40℃.
12. Store in a cool, dry and well-ventilated place when not in use.
13. Do not throw it away arbitrarily when it is broken.

Product Specifications

Model	C1
Scooter Size(cm)	120*57*114
Fold Size(cm)	120*57*54
Battery Spec	48V 10.4A
Battery Cell	18650
Max Speed(mph)	25
Charging time	6H
Brake System	Disc
Gear	3
Foldable	Y
Weight	21KG
Climbing performance	20
Material	Magnesium Aluminum Alloy
Tyre Spec	10Inch Rubber Wheel
Water and Dust Resistance	IP64
Battery protection	Y
Controller Protection	Y
Speed limit configuration	Y

Product Components



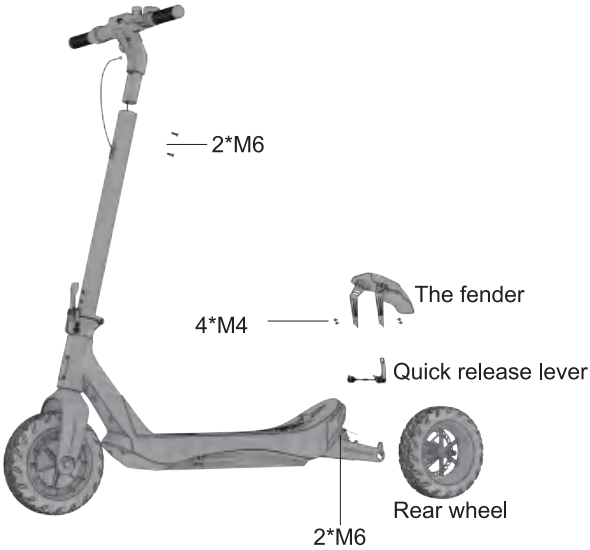
01-Head light
02-Folding handle
03-Folding hook (down)
04-Folding hook (up)
05-Charging port
06-Taillight
07-Rear fender
08-Front motor
09-Kickstand
10-Quick release lever
11-Throttle
12-Bell
13-Rear braking
14-Handle bar
15-Display
16-Turn signal switch
17-Brake calliper
18-Brake disc

SAFETY GUIDELINES BEFORE RIDING

Check The Following Parts Of The Product After Unboxing

- 1. Check if there is a set of tools in the box.
- 2. Check if there is a charger.
- 3. Ensure all nuts and screws are tight.
- 4. Ensure the brakes are operating appropriately.

Packing List



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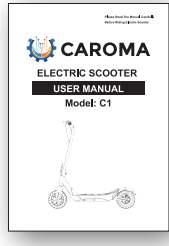

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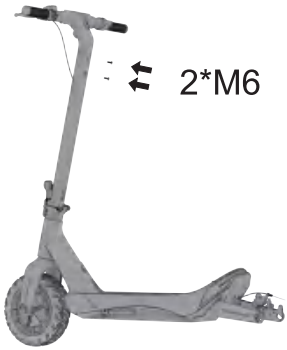
Installation Of Handlebar

1.Pull the handlebar in the direction indicated by the arrow.

2.Insert the handlebar in the direction indicated by the arrow.



3.Tighten the two screws at the arrow position.

4.Handlebar installation completed.

Installation Of Rear Wheel

1.Install the rear wheel into the rear fork.

Make sure the brake disc is placed between the brake pads.

2.Install the spring ❶ to the fast release rod.

3.The quick release lever passes through the rear axle.

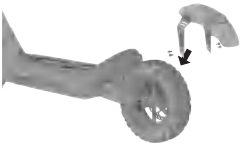
4.Install the spring and the fast disconnecting nut on the fast -removing rod.

5.Tighten the quick release lever nuts.

6.Press the snap lever handle.The installation is complete.

Installation Of Fenders

1.Take the 4 M4 screws out of the fork from the back fork.



2.Install the fender bracket on the rear fork.

3.Tighten the screws on both sides separately, totaling 4 screws.

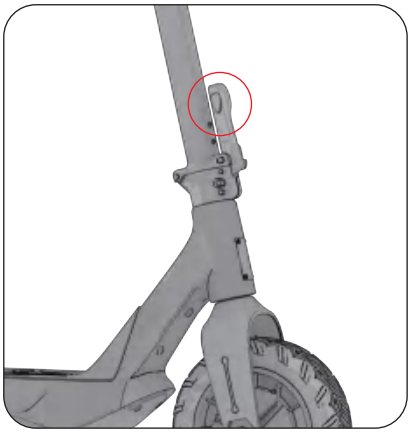
4.installation complete.

SCOOTER UNFOLDING

Handlebar Unfolding

1.Pull the handlebar in the direction indicated by the arrow.

2.Close the folding handle in the direction indicated by the arrow.

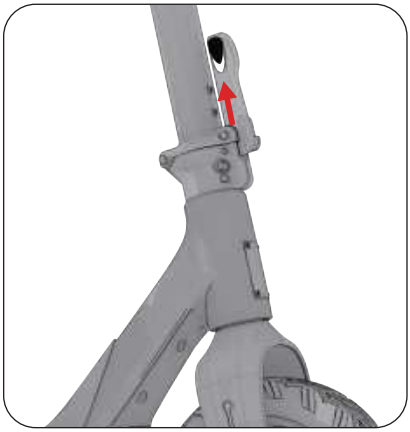


3.The safety latch closes automatically.

4.Unfolding complete.

SCOOTER FOLDING

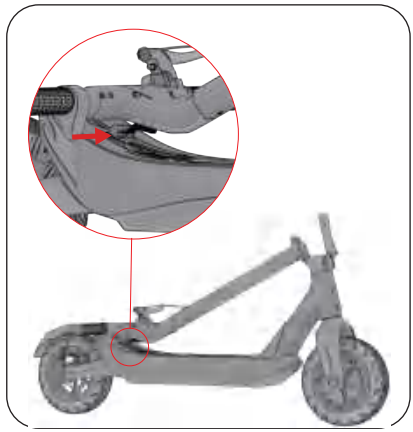
Handlebar Folding



1.Slide the safety latch in the direction indicated by the arrow.

2.Open the Folding part in the direction indicated by the arrow.

3.Push the handlebar in the direction indicated by the arrow.



4.Gently move the handlebar to the left, then fasten the hook. Folding complete.

CHARGING & RANGE

When charging, connect the charging cable in this order:

- 1. FIRST to scooter’s charging port
- 2. THEN to the power outlet

NOTE: When connected to the charger, the red light indicates that the scooter is charging. The light will turn green when fully charged.

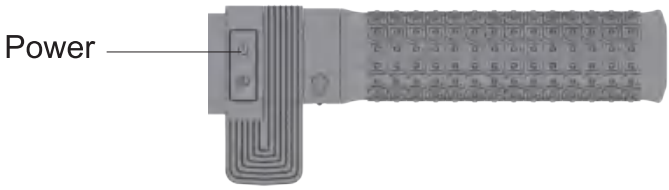
Be sure to close the charging port cap when driving or storing.

Use only Nanrobot official chargers.

The range of the scooter depends on many factors:
road conditions (off-road, uphill), weather, rider's weight, frequency of braking and acceleration, selection of gears etc.

Power Turn On/off

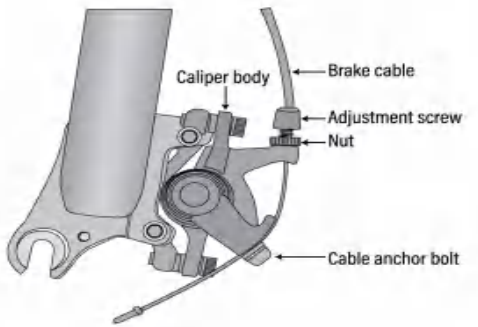
Long press the POWER button to turn on the power.

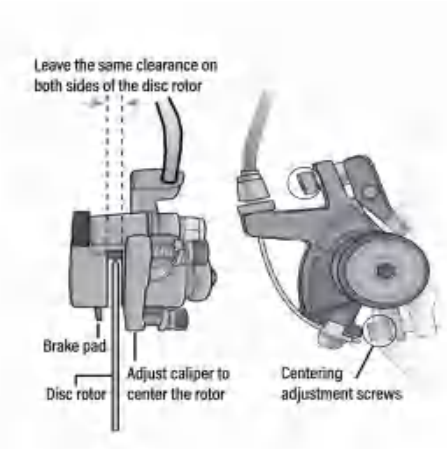


Press and hold the POWER button to turn off the power.

Adjustment of Brake

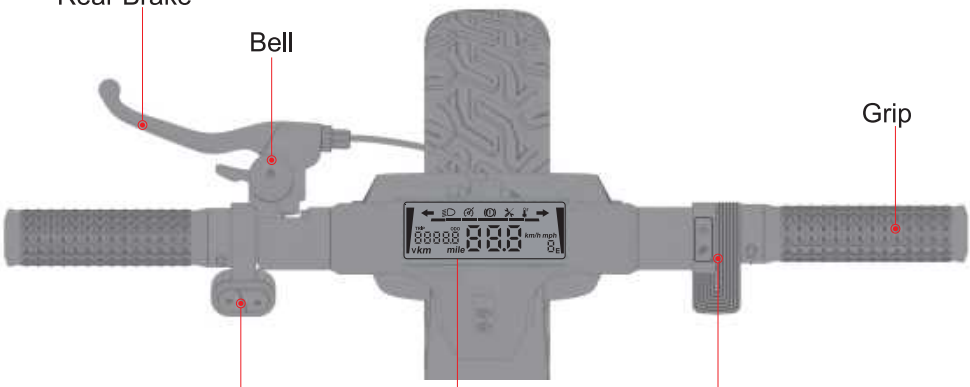
Before aligning the mechanical disc brake, make sure that the brake cable is properly inserted into the lock lever. If the disc rotor is bent or damaged, replace the rotor first. If the brake is not flexible, loosen the fixing bolt of the brake cable, shorten the braking distance of the brake cable, and then tighten the bolt.
Alternatively, when the brake is too sensitive, increase the distance of brake cable.





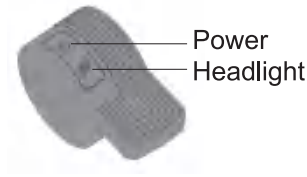
If the rotor is always rubbing against the brake pad or has excessive clearance, loosen the two centering adjustment screws, but do not remove them. Turn the wheel slowly and check the space between the rotor and the brake pad; adjust the position of the brake pad and rotor to avoid friction between the rotor and pad. After adjustment, tighten the screws.

Handlebar Controls



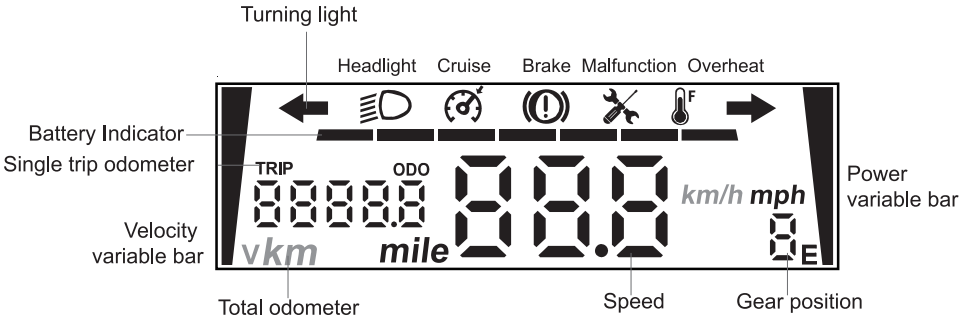
Rear braking and Bell

Turning signal switch



Throttle

Control Panel



- **Power:** Long press will start or turn off the scooter.
- **Headlight:** Headlight switch.
- **Gear position:** current gear position (gear position: 1, 2, 3).
- **Switch Gears:** Press the power button to switch gears. Transition from Level 1 (slowest) to Level 3 (fastest).
- **Speed Unit:** mph.
- **Battery Indicator:** indicates the current battery capacity.
- **Cruise Mode:** Double-click the headlight switch, the cruise icon ( ) blinks to start the cruise mode, and the icon is steady on to enter the cruise mode.
- **Non-zero Start:** Press the headlight switch three times and the gear icon flashes, that is, enter the non-zero start mode. 3 hits again to cancel the non - zero start.
- **ODO/TRIP Switch:** Double click the power button.
- **Speed Limiting Mode:** Press the power button three times and the speed unit (**mph**) icon blinks to enter speed limiting mode.
- **Switch KM/Mile:** Long press the headlight button( ).

COMMON ISSUES AND SOLUTIONS

Issue 1: Both headlights are not working. This situation occurs when the headlights are faulty. Replacing the headlights can solve the problem.

Issue 2: The scooter cannot be charged. The problem may come from the charging port. If the charging interface is burnt out, it needs to be replaced. Another issue could be that the charger is damaged. In either case, please contact the customer service department via email for a solution.

Issue 3: The brake pads make abnormal noises. Generally, this is caused by improper positioning. Please use the tool kit to adjust it to the correct position.

Error Code	Reason	Solutions
E01	Motor failure	Check the motor's connection line
E02	Throttle failure	Check the connection wire of the transfer handle
E03	Controller failure	Please contact After-sale services
E05	Low battery failure	Charge the scooter in time
E06	Controller communication failure	Check the bus
E07	Instrument transmission failure	Check instrument lines

APP Introduction

1.How to download the APP

IOS users: Please search for "E-Scooter Home" in the Apple Store or scan the QR code to download it.

Android users: Please download “Tencent Browser” first, and then scan the QR code below with Tencent browser to download it.

After the app is successfully downloaded, the APP icon will be displayed.

2.How to use the APP

1.Please turn on the scooter, at the same time, please tap the APP “E-Scooter Home” icon which had been downloaded on your phone.

2.Please tap the “+” icon and then tap the “Click Search”.

3.The scooter details will be displayed if the scooter is ready to connect. Then tap the “Link” icon to connect the scooter. Once the page shows “Connected”, you can tap the scooter icon to move to the home page.

The homepage is displayed as shown in the figure. For specific operations, click the relevant icon.

3.How to disconnect the APP

If you want to connect the scooter with another phone, you have to disconnect the phone which is already connected with the scooter. In order to disconnect the app from the scooter, please quickly press the “power button” of the scooter 10 times to disconnect the app from the scooter. And then you can connect the scooter with another phone. Note: Please make sure the new phone you want to connect with the scooter already has the "E-Scooter Home" downloaded.

Maintenance & FAQ

The screws should be regularly maintained, inspected and tightened. Especially the screws on the folding mechanism, brake system and motors (axle nuts).

• 1. Tighten the folding mechanism screws, handlebar, and front & rear wheel axle nuts.

• 2. Brakes: if you find rust or excessive wear on the brakes, which will occur with regular use over time, the brake pads and brake disc should be replaced.

• 3. Motor: Check the motor wires regularly. All exposed wires should be wrapped with electrical tape.

• 4. Tires:

(1) Do not inflate the tires beyond the recommended air pressure range.

(2) The tires will slide easily in wet conditions. It is best to avoid rain, snow, icy roads, damp dirt roads, water and areas with poor visibility.

(3) Replace the tires on your scooter once wear patterns become evident.This will prolong the use of the scooter.

• 5. Battery & overheat protection: the controllers and the battery has temperature sensors and the scooter stops working when it gets too hot. Please wait about 0.5-2 hours to cool down the scooter or use eco/1st gear to continue riding after 5-10 minutes.

Customer Support

We provide 12-month or 6-month warranty for different parts, please refer to the warranty or contact our service team by mail.

Category	Parts	Warranty Period
Dynamical system	Battery	12 months
	Motor	12 months
	Controller	12 months
Electnical system	Display	6 months
	Charger	6 months
	Governor	6 months
	Key switches	6 months
Wear parts	Tire	1 month

FCC STATEMENT :
This device complies with Part 15 of the FCC Rules. Operation is subject to the following
two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may
cause undesired operation.
Warning: Changes or modifications not expressly approved by the party responsible for
compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B
digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide
reasonable protection against harmful interference in a residential installation. This
equipment generates uses and can radiate radio frequency energy and, if not installed
and used in accordance with the instructions, may cause harmful interference to radio
communications. However, there is no guarantee that interference will not occur in a
particular installation. If this equipment does cause harmful interference to radio or
television reception, which can be determined by turning the equipment off and on, the
user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an
uncontrolled environment. This equipment should be installed and operated
with minimum distance 5cm between the radiator & your body.

Made in China