

NANROBOT X4

PLEASE READ THIS INSTRUCTION CAREFULLY
AND USE THE MACHINE CORRECTLY!



USER MANUAL V2.0

NANROBOT®

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NANROBOT



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INSPECTION BEFORE RIDING



WARNING!

Inspection before riding should be carried out.

CHECK THE SCOOTER BEFORE RIDING

CHECK THE SCOOTER BEFORE RIDING

1. Make sure the control panel can be turned on.
2. Make sure the brake handle working properly.
3. Make sure the front of the scooter is stable.
4. Make sure the seat is stable.
5. Make sure the horn working properly.
6. Make sure the brake working properly.
7. Make sure the voltage value is within the normal voltage range (41.5V-54.6V).
8. Make sure the folding mechanism normal.



SAFETY PRECAUTIONS

SAFETY PRECAUTIONS

1. Be sure wear helmet, knee pads and elbow pads when riding.
2. The first ride uses low speed, then slowly to high speed after skilled use.
3. It is not allowed to ride on rainy days.
4. Do not allow to ride into the puddle.
5. Children under the age of 16 are prohibited from riding.
6. Check if the brake are normal.
7. Please drive at low speed when going downhill.
8. Obey the traffic rules.
9. The handlebar adjusted to an appropriate position.
10. Check if the screws are loose and fasten.



PARAMETER

ELECTRIC SCOOTER PARAMETER

NANROBOT X4 PARAMETER	
NET WEIGHT	33LBS
SIZE	37.4*21.3*46.8 INCH
CHARGING TIME	6-8H
WHEEL DIAMETER	8INCH
RANGE	23-25 MILES
MAXIMUM SPEED	23-25 MPH
LOAD CAPACITY	MAX 264LBS
LITHIUM BATTERY	48V 10.4AH
MOTOR	500W



SCOOTER COMPONENTS

ELECTRIC SCOOTER COMPONENTS





CHECK EACH PART AFTER UNPACKING

CHECK THE VARIOUS PARTS OF THE SCOOTER AFTER UNPACKING

SCOOTER AFTER UNPACKING
CHECK THE VARIOUS PARTS OF THE

1. Check if there is a tool kit.
2. Check if there is a charger.
3. Check if there is a voltage lock key.
4. Check if the meter is locked.
5. Seat installation (if available).
6. Make sure the brake normal.

PACKING LIST





UNPACKING INSPECTION

UNPACKING INSPECTION

Inspection Of Each Component After Unboxing



Check whether the LCD control panel is locked and fasten as the picture show



Check whether the voltage lock is locked and fasten as the picture show



Check whether the brake handlebar is locked and fasten as the picture show

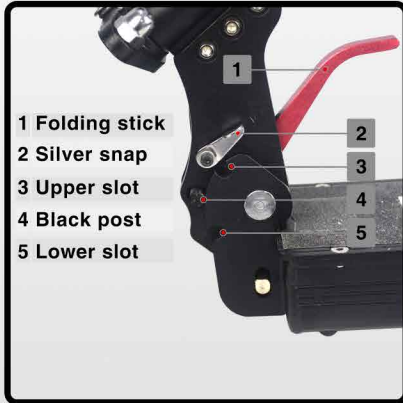


Check whether Light/Horn Button is locked and fasten as the picture show



FOIDING OPERATION

POLE FOLDING OPERATION



Cognitive folding unit



① Pull the red folding stick in the direction of the arrow



② Press the silver snap in the direction of the arrow so that the black post completely leaves the lower slot and lower the pole in the direction of the arrow



③ When the black post is caught in the upper slot, the folding is completed.



UNFOLDING OPERATION

POLE UNFOLDING OPERATION



① Press the silver snap in the direction of the arrow to completely remove the black post from the upper slot



② Keep pressing the silver snap and push the lever in the direction of the arrow



③ After the black post clasps the lower slot, push back the red folding stick in the direction of the arrow



④ Push back the red folding stick and restore the pole

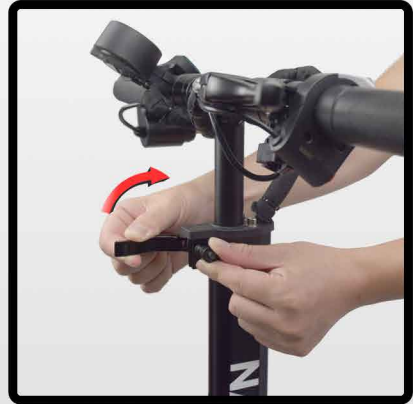


ROD HIGH TELESCOPIC OPERATION

ROD HIGH TELESCOPIC OPERATION



① Push the fastening buckle in the direction of the arrow



② Loosen the fastening clip in the direction of the arrow



③ Press the silver buckle and adjust the pole up or down as you wish (there are three heights to choose from)



④ The silver fixing buckle clasps the height hole, tighten the fastening buckle and turn it back in the direction of the arrow



HANDLE BAR FOLDING OPERATION

HANDLE BAR FOLDING OPERATION



① Find the two folding sleeves on the handlebar



② Push the folding sleeve in the direction of the arrow



③ Fold the handle in the direction of the arrow



④ Complete the folding



CHARGING

CHARGING

1. First insert aviation head to the charging port
2. Insert in socket

NOTE: Be sure to charge as the picture show, otherwise it may cause a short circuit in the charging port.



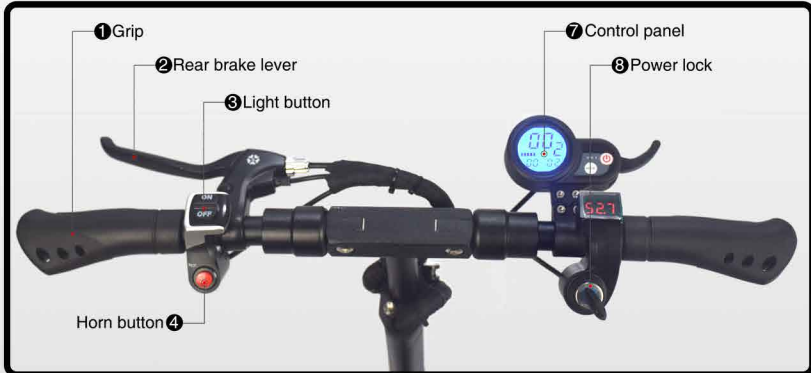
POWER TURN ON/OFF

- ① Insert the key into the voltage lock and open the working mode.
- ② Press power button for 3 seconds until the power is turned on. Turn the voltage lock off directly, or turn it off by pressing the meter power 3 seconds.



 **HANDLEBAR SECTION**

INTRODUCTION OF HANDLEBAR SECTION



Lcd Control Panel



Horn Button



Light Button



Voltage Lock





CONTROL PANEL INSTRUCTIONS

CONTROL PANEL INSTRUCTIONS



Power: power button (long press for 3 seconds)

Gear: current gear speed(gear:1, 2, 3)

Switch Gears:Short press the power ()the current gear will flash then short press the ()key to change the gear position, 1 is slow speed, 2 is medium speed, and 3 is high speed.

Speed:current speed

Speed Unit:metric unit / imperial unit



Battery Voltage: current battery capacity

Riding Time: current duration of riding time

MODE: setting parameter button

Accelerator: E-gas

NOTE

- 1.After the instrument is turned on, if there is no signal input for a long time (3 minutes), the meter will automatically turn off the power.
- 2.Short press the POWER()button to change the display content of the instrument. TRIP, ODO, VOL, etc. appear respectively. When 00:00 is displayed, the time is displayed. When TRIP is displayed, it indicates a single mileage. When ODO is displayed, it indicates the accumulated mileage. When the VOL is displayed, the battery is displayed.
- 3.Long press the MODE()key to clear the single mileage (under the TRIP interface).



PARAMETER SETTINGS

PARAMETER SETTINGS

Press and hold both POWER()and MODE() at the same time to access to the settings. Short press MODE to change parameter items and short press POWER to select the parameter item you want to change. Then press MODE to advance(1) or press POWER to decrease(0). Desired setting will be set after about 3 seconds.

Note: Please keep the default values of the parameter settings, please do not change them at will. (P9 is an electronic brake can be adjusted, 0 is no electronic brake, 1 is weaker for electronic brakes, 2 is stronger for electronic brakes)

FOR EXAMPLE

How to unale EBS (Electric Braking System)



Press and hold both POWER()and MODE()at the same time to access to the settings,and short press MODE till it is P9 .Then short press POWER to select P9,then short press POWER or MODE TO change it to 0. so it's no EBS.

Press MODE to move on to the next setting from P0 to P9

P0	Wheel diameter in inches,do not change it at will.	Default=10
P1	Voltage cut off.When the voltage drops to 41.5V,undervoltage protection will be started and the power supply will be cut off automatically.	Default=415
P2	Magnetic poles in hub motor. do not change it at will.	Default=10
P3	Speed sensor function. do not change it at will.	Default=0
P4	Speedometer in kilometer or mile.	0=Km/h 1=M/h Default=0



PARAMETER SETTINGS

P5	Non-kick start / Kick start	0=Non-kick start 1=Kick Start Default=0
P6	Turn on / off constant speed cruise	0=Non-cruising 1=Cruising Default=0
P7	Power start / Normal start	0=Power start 1=Normal start Default=0
P8	Power adjustment percent. 100mean full power.	From 0-100 Default=100
P9	Electronic brake strength value.	0 is no electronic brake. 1 is weaker for electronic brakes.2 is stronger for electronic brakes. Default=0.
P10	Function to be determined.	Reserved function

COMMON FAULTS AND SOLUTIONS

Symptom: The light can be on, the speaker can sound and scooter cannot be turned on. Generally it is a control panel problem, you can replace a control panel.

Symptom: The scooter can't not be charged ,please check the charging port.If the charging port was burning out , replace the charging port on the scooter.If not, and the indicator light of the charger always shows green, Generally the charger is damaged. Replace the charger.



MAINTENANCE

1. It should be regularly maintained and checked the screws that need to be tightened. The emphasis on the folding mechanism, brake system, motor where the screws need to be checked is tightened.
 - (1) Tighten the screws in the folding mechanism
 - (2) Tighten the screws in front bars
 - (3) Tighten the screws in front shock absorber
 - (4) Tighten the screws in front motor
2. Brake: Check the drum brake regularly, if the drum brake is found to be loose, please tighten it in time.
3. Motor: Check whether the motor wire is bare, Wrap all the exposed wires with electrical tape until the wires are safely covered.
4. Tires
 - (1) Do not inflate above normal air pressure
 - (2) The tires will slide and move easily on the wet situation. After it dries, you can lubricate the axle.
 - (3) Do not lubricate the tires and rims.
 - (4) After using the tire for a long time, please replace the tire, which will prolong the use of the scooter.



AFTER SALE

AFTER SALE

ABOUT ASSEMBLY

95% of scooter manufactured by NANROBOT are assembled, some of the parts may require assemble by our customers. For safe drive, please check and test everything before you go on a trip departure. After inspection and adjustment .If there is any issue, please contact your seller.If you don't have experience in assembly, the nanrobot scooter could help you do it.

DAMAGE AND SCRATCHES

To avoid damage, NANROBOT manufactures packed all electric scooter in foam and cardboard. If there is something broken,please take some photoes of these parts and send the person who is in charge of your purchase, they will offer you the solution. If you have scratches, apply paint.

ADJUSTMENT OF LCD CONTROL PANEL

Although the lcd control panel was installed, it may also be damaged during shipping. Please send picture to us for new replacements. Summer season may lead to flat tire. Please be careful. It is necessary to check the tires before putting the air in the tire.

- (1) Please push the tire and check the condition of the air.
- (2) Because of high temperature, there is thermal expansion, tire will tend to flat regardless of quality.

About Configurations

Due to mass production and different batches, please understand that the item may not be the same as the pictures in the brochure, but we guarantee that the changed parts will be updated.

MAN-MADE DAMAGE

If it is man-made damage, you can buy replacement at www.nanrobot.com, or you can buy the replacement at the distributor you buy, or you can send the scooter to the after sale address for repair, the cost of repair is borne by the buyer.If there are other after-sales problems, you can send an email to support@nanrobot.com.

**WARRANTY GUARANTEE****! WARRANTY GUARANTEE**

We have warranty and provide after-sale customer service for our products. If the product have any quality issue, please feel free to contact us, we will offer professional instructions and solutions timely.

For the entire scooter, vulnerable parts like tires, brake discs, horn, dash board, light etc. are within the warranty of 90 days. Battery and controllers are within the range of 180 days. The frame is within 365 days repair warranty. If the problem is caused by non-human factors, we will provide new replacements for free.

We are not responsible for wrong return and refund loss, the buyer should be responsible for more than 20% return charge, and double-way transportation charge.

The scooter which we sell are brand new products, all parts are the same as the original parts.

Customized orders may not be returned unless it has big issues that are cause by our company. Customers returning goods are responsible for freight charges. If the returned goods affect the second sale, our company charge a certain amount of fees.

EXCHANGES (IF APPLICABLE)

We only replace items if they are defective or damaged. If you need to exchange it for the same item, send us an email at support@nanrobot.com.

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