

NANROBOT

D4+ MAX

This manual contains important information to help you use your product more safely.

USER MANUAL



NANROBOT[®]

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CONTENTS

General Guidelines	2
Safety Guidelines	3
Product Specifications	4
Safety Guidelines Before Riding	5
Handlebar Unfolding	6
Handlebar Folding	7
Handle Height Adjustment	8
Charging & Range	9
Handlebar Controls	10
Control Panel	11
Parameter Settings	12-13
Maintenance & FAQ	14
Support	15
Warranty	16



REQUIRED CHECK BEFORE RIDING



WARNING!

Please read this manual carefully before using the product.

CHECK THE SCOOTER BEFORE RIDING

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1. Check that 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. Make sure the seat is stable and secure.
5. Check that the horn is operating correctly.
6. Make sure the voltage value is within the normal range of 43V-58.8V.
7. Make sure the folding mechanism is in good condition and operational.
8. Prolonged exposure to uv rays, rain and the elements may damage the enclosure materials, store indoors when not in use.
9. WARNING-To reduce the risk of injury, user must read instruction manual.
10. WARNING-Damage caused by natural disasters such as lightning strikes, fire, floods are not covered by the warranty service.



SAFETY GUIDELINES

SAFETY PRECAUTIONS

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 on flooded roads, 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 suitable and comfortable position.
6. When going downhill, ensure you are driving 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 good condition and properly tightened.
9. Charging instructions - use only the specified charger as instructed.
10. The slope for riding: $<30^{\circ}$.
11. Store the scooter in a cool, dry, and well-ventilated place when not in use.

**PRODUCT SPECIFICATIONS**

ELECTRIC SCOOTER SPECS	
MODEL	D4+ MAX
NET WEIGHT	59.5 LBS
SIZE	48*44.9*22.5 INCH
CHARGING TIME	10-12H
WHEEL DIAMETER	10 INCH
RANGE	34-40 MILES
MAXIMUM SPEED	42 MPH
MAX LOAD	120KG
INPUT	58.8V 2A
LITHIUM BATTERY	52V 23.4AH
MOTOR	1200W*2
SUITABLE FOR AGE	>AGE 18

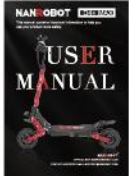


SAFETY GUIDELINES BEFORE RIDING

CHECK THE FOLLOWING PARTS OF THE
PRODUCT AFTER UNBOXING

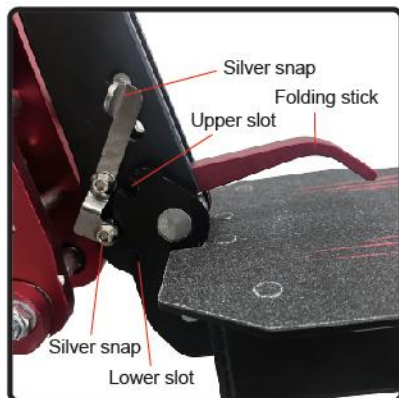
1. Check if there is a tool kit.
2. Check if there is a charger and check if it works.
3. Check if there is a voltage lock key.
4. All nuts and screws should be tightened.
5. Seat (if available).
6. Test the brakes.

PACKING LIST

 X 1	 X 1	 X 2
	 X 1	 X 1

FOLDING OPERATION

POLE FOLDING OPERATION



1. Cognitive folding unit.



2. Press the silver snap in the direction of the arrow so that the silver snap completely leaves the lower slot and pull the red folding stick in the direction of the arrow.



3. Lower the pole in the direction of the arrow.



4. When the silver snap is catching 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 silver snap from the upper slot.



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



3. After the silver snap 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.



HANDLE HEIGHT ADJUSTMENT

HANDLE HEIGHT ADJUSTMENT



1. Loosen the buckle in the direction of the arrow.



2. Release the clamp 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 clamp the height hole, tighten the fastening buckle and turn it back in the direction of the arrow.



CHARGING & RANGE

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 cover when driving or storing except when charging. Use only genuine chargers.

Range: 34-40 miles. The range of the scooter depends on many factors: road conditions (off-road, uphill), weather, rider's bodyweight, frequent braking and acceleration, single/dual drive, gears 1/2/3 etc.

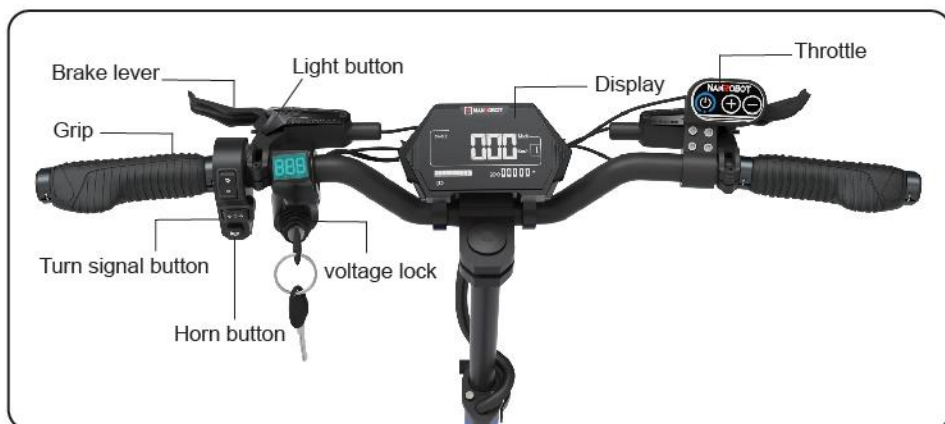
POWER TURN ON/OFF

- ❶ Insert the key into the voltage lock and turn to unlock your scooter.
- ❷ Press the POWER button for 3 seconds to turn on.



You can turn off power either directly via the voltage lock or turn it off by pressing and holding the POWER button on the throttle for 3 sec.

HANDLEBAR CONTROLS



Display



Horn Button



Light Button



Turn Signal
Button



Voltage Lock



Throttle

CONTROL PANEL INSTRUCTIONS

CONTROL PANEL



- **POWER:** long presses will either start or shut down the scooter).
- **MODE:** parameter setting button.
- **Gear:** current gear (gears: 1, 2, 3).
- **Switch Gears:** Pressing the button () allows you to change gears, shifting from level 1 (slowest) to level 3 (fastest).
- **Short press the button** () to switch between: TRIP, ODO.
- **Double-click the power switch button** to display the current voltage.
- **Drive:** Long-press the "+" button to switch between single and dual drives.
- **Speed Limit:** Long-press the "-" button, "KM/H" or "MPH" flashes, the scooter will limit the speed to 25 kilometers. Repeat the operation to remove the speed limit.
- **N-Soft:** A hard start requires greater momentum to start the scooter into motion.
- **Speed Unit:** MPH, KM/H.
- **Battery Indicator:** current battery capacity.

*The panel will automatically turn off after five minutes of inactivity.



PARAMETER SETTINGS

- Press and hold both the "⊕" and "⊖" buttons at the same time to enter the mode settings menu. A short press of either the "⊕" or "⊖" button will change the parameter items.
- Press and hold the "⊕" and "⊖" buttons again on the settings interface to save the parameters and exit.

FOR EXAMPLE

FOR EXAMPLE

How to change EBS(Electric Braking System)

- 1.Press and hold both the "⊕" and "⊖" button at the same time to enter the settings, and short press "⏻" until P9 is displayed.
- 2.Short press "⊕" or "⊖" to change it to "1" or "2".
- 3.Long press "⊕" and "⊖" to save the changes.

Return to the main interface; the settings are complete.

Parameter settings and definition		
P00	Wheel diameter: Unit:inch; Precision: 0.1	Default=10
P01	Voltage cut off. When the voltage drops to 52.0V,undervoltage protection will be started and the power supply will be cut off automatically.	Default=52.0
P02	Magnetic poles in hub motor. Do not change it.	Default=30
P03	Speed signal:restore factory defaults. In this interface, press and hold the + button to restore the factory settings of the display.	—
P04	Speed units: 0=km/h 1=mile/h	Default=0

P05	Non-kick start / Kick start 0=Non-kick start 1=Kick Start	Default=0
P06	Turn on /off cruise control 0=Non-cruising 1=Cruising	Default=0
P07	Start: 0=Slow start 1=Power start	Default=0
P08	Max output (max speed) 1-100%	Default=100
P09	Ebs(electric brake system) break settings: 0~2 (0: weak ebs 1: normal ebs 2: strongest ebs)	Default=0

COMMON ISSUES AND SOLUTIONS

Issue 1: Both the light and horn are not working. This happens when the headlight is defective and is solved by replacing the headlight.

Issue 2: The scooter is not charging. The issue may be with the charging port. If the charging port is burned out, it will require replacing. The other may be that the charger is damaged. In either case, please contact customer service via e-mail to receive a solution.

Issue 3: The brake pads produce abnormal sounds. Generally, this is due to malposition. Please use the tool kit and adjust to the correct place.

COMMON PROBLEMS AND TROUBLESHOOTING METHODS		
ERROR	CAUSES	SOLUTIONS
E01	MOTOR MALFUNCTION	PLEASE CONTACT WITH AFTER-SALE SERVICES
E02	THROTTLE MALFUNCTION	PLEASE CONTACT WITH AFTER-SALE SERVICES
E03	CONTROLLER MALFUNCTION	PLEASE CONTACT WITH AFTER-SALE SERVICES
E05	LOW BATTERY VOLTAGE	CHARGE THE SCOOTER IN TIME
E06	DISPLAY RECEPTION FAILURE	PLEASE CONTACT WITH AFTER-SALE SERVICES
E07	CONTROLLER RECEPTION FAILURE	PLEASE CONTACT WITH AFTER-SALE SERVICES



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, front & rear shock absorbers, 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 discs 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. Avoid rain, snow, icy road, wet dirt road, water, 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.
Will stop working when it gets too hot. Please wait about 0.5-2 hours to cool down the scooter or use gear 1 to continue riding after 5-10 minutes.
6. Adjustable speed limit: please go to p8 and then press both the "+" and "-" button for 1 minute until your go back to the main menu.



CUSTOMER SUPPORT

Scooters manufactured by nanrobot are pre-assembled, though some of the parts may require assembly by our customers. To help ensure the safety of your scooter and driving, please check and test everything before using your scooter. If you find any issues with the scooter, please contact the seller. You can also contact your seller

If you need assistance with any of the assembly steps.

SHIPPING

To prevent damage during transportation, we have securely packaged all electric scooter parts with foam and cardboard. If any parts are damaged upon arrival, please take photos of the damaged components and contact the seller. They will provide you with the optimal solution.

MECHANICAL DAMAGE OR MODIFICATIONS

If your scooter is damaged due to an accident or misuse, you can buy replacement parts from www.Nanrobot.com.

The distributor or seller you made your purchase from, or you can send the scooter for repairs.

Please note that the buyer is responsible for all repair costs.

If you have any other after-sale problems or questions, please feel free to contact us via email at: support@nanrobot.com.



WARRANTY GUARANTEE



WARRANTY GUARANTEE

If you encounter any quality issues with our products, we are committed to providing you with warranty coverage and excellent customer service. You can easily reach out to us, and we will promptly offer professional guidance and effective solutions. Our warranty covers the entire scooter, including vulnerable parts such as brake discs, horns, dashboards, headlights, and controllers, warranty are 90 days. The warranty period for batteries is 180 days.

In case of any non-human factors cause problems, we will provide free replacement parts. However, please note that we can not be held responsible for losses resulting from incorrect returns and refunds. The buyer is required to bear more than 20% of the return cost and round-trip transportation costs.

EXCHANGES (IF APPLICABLE)

We gladly offer exchanges for defective or damaged goods. However, please note that we do not accept items sent back to us without a prior request for return. If you have any further inquiries, please feel free to email us at support@nanrobot.com.

