

NANROBOT D6+

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

USER MANUAL



NANROBOT®

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NANROBOT



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**REQUIRED CHECK BEFORE RIDING****WARNING!**

Please read this manual carefully before using the product.

CHECK THE SCOOTER BEFORE RIDING**CHECK THE SCOOTER BEFORE RIDING**

1. Check that the control panel turns on.
2. Ensure that the brake handle is working properly.
3. Check that the brake pads are not damaged or need replacing.
4. Make sure the front of the scooter is stable.
5. Make sure the seat is stable and secure.
6. Check that the horn is operating correctly.
7. Ensure the switch for Eco and Turbo mode switch are working normally.
8. Make sure the voltage value is within the normal range of 43V-58.8V.
9. Make sure the folding mechanism is in good condition and operational.



SAFETY GUIDELINES

SAFETY PRECAUTIONS

1. Always wear a helmet and knee and elbow pads when riding.
2. When first riding the scooter maintain a low speed and slowly increase speed as riding skills improve.
3. Do not ride the scooter on rainy days.
4. Riding through puddles is not allowed.
5. Children under the age of 16 are prohibited from riding.
6. The handlebar should be adjusted to an appropriate and comfortable position.
7. When going downhill, ensure you are driving slowly to avoid accidents.
8. Obey all traffic rules.
9. Ensure all screws are in condition and appropriately fastened.


PRODUCT SPECIFICATIONS

NANROBOT D6+ SPECS

NET WEIGHT	79.4LBS
SIZE	52*52.4*10.4 INCH
CHARGING TIME	10-12H
WHEEL DIAMETER	10 INCH
RANGE	40-45 MILES
MAXIMUM SPEED	34-40 MPH
LOAD CAPACITY	MAX 330LBS
LITHIUM BATTERY	52V 26AH
MOTOR	2000W



PRODUCT COMPONENTS

NANROBOT D6+



1-Control panel
2-Front brake lever

3-Power lock
4-Light/Horn buttons
5-Grip
6-Rear brake lever

7-Folding knob
8-Head light

17-Rear shock absorber
18-Rear fender
19-Brake calliper

10-Front fender
11-Brake calliper

9-Front shock absorber

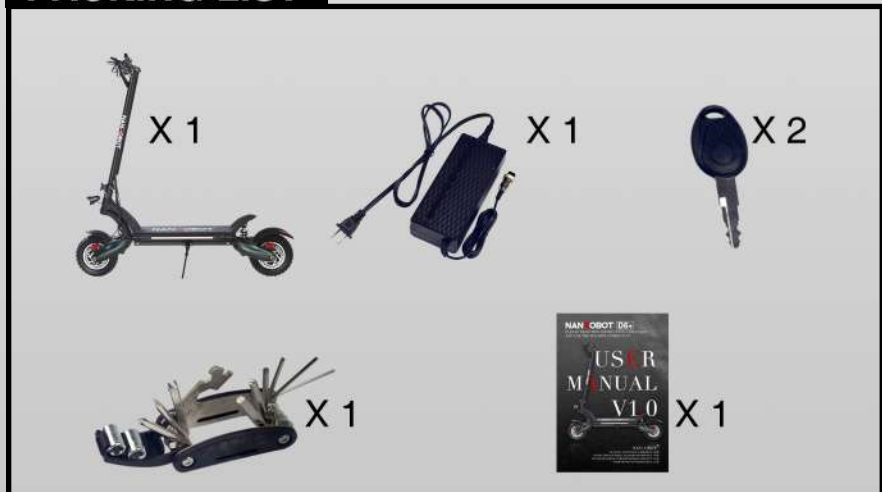
12-Front motor
13-Brake disc

14-Fisheye light
15-Charging port
16-Kickstand

20-Brake disc
21-Rear motor
22-Taillight

**SAFETY GUIDELINES BEFORE RIDING****CHECK THE FOLLOWING PARTS OF THE PRODUCT AFTER UNBOXING**

1. Check if there is a tool kit.
2. Check for a charger.
3. Check if there is a voltage lock key.
4. All nuts and screws should be tight.
5. Seat (if available).
6. Make sure the brakes operate normally.

PACKING LIST



UNBOXING

IMPORTANT CHECKLIST



Check whether the LCD control panel screws are tightened.



Make sure the voltage lock and light button screws are tightened.



Check whether the brake lever screws are tightened.



Check whether the SINGLE/DUAL button screws are tightened.



UNBOXING

HANDLEBAR ASSEMBLY



① Loosen the screws on the handle mount with a 4mm hex wrench, which is included in the basic tool kit.



② After aligning the handlebar with the center mount, replace the cover mount, and tighten the fixing bolt.



③ Progressively tighten the bolts in sequential order (1 to 4), ensuring equal tension balance between the mount and handlebar.



④ Installation complete.



SCOOTER UNFOLDING

HANDLEBAR UNFOLDING



① Push the handlebar in the direction of the arrow.



② Align the **J**-shaped buckle with the grooves, then tighten the folding knob.



③ Make sure to perfectly align the **J**-shaped buckle.



④ Unfolding complete.

 SCOOTER FOLDING

HANDLEBAR FOLDING



① Loosen the knob in the direction of the arrow.



② Keep loosening the folding knob until the J-shaped buckle completely leaves the grooves



③ Lower the handlebar



④ Folding complete.



CHARGING

When charging, connect the charging cable in this order:

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

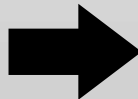
NOTE: When connected to the charger, the red light indicates that the scooter is charging. The light will turn green when fully charged.

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

Use only genuine charger.

POWER TURN ON/OFF

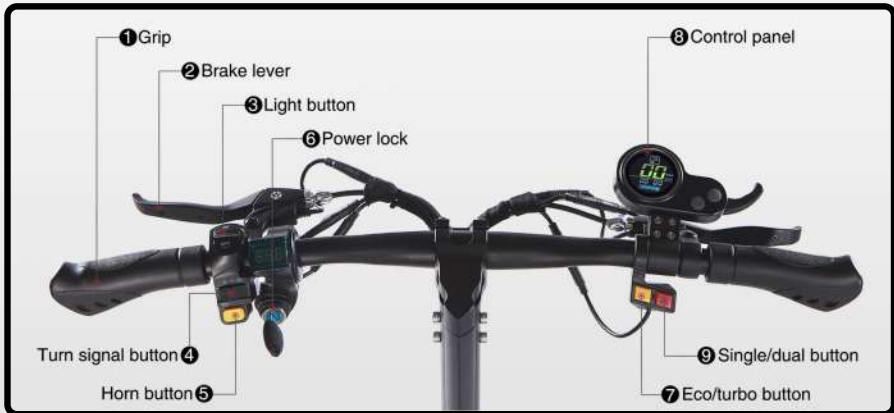
- 1 Insert the key into the power lock and turn to unlock your scooter.
- 2 Press the POWER key for 3 seconds to turn on.



You can turn off power either directly via the power lock or turn it off by pressing and holding the POWER key on the control panel for 3 seconds.



HANDLEBAR CONTROLS



Lcd Control Panel



Horn Button



Light Button



Turn Signal Button



Power Lock





Single/Dual Drive Switch





CONTROL PANEL INSTRUCTIONS



CONTROL PANEL



- POWER: long presses will either start or shut down the scooter)
- MODE: parameter setting key
- Gear: current gear (gears: 1, 2, 3)
- Switch Gears: Pressing the key () allows you to change gears, shifting from level 1 (slowest) to level 3 (fastest).
- Short press the key () to switch between: TIME, TRIP, ODO, VOL.
- N-Soft: A hard start requires greater momentum to start the scooter into motion.
- Speed Unit: MPH, KMH.
- Battery Indicator: current battery capacity.

1. The panel will automatically turn off after three minutes of inactivity.
2. A short press of the POWER key () allows the user to change the display content of the instrument (TIME, TRIP, ODO, VOL, etc.) When 00:00 is displayed, the panel is indicating current run time (TIME display). When TRIP is displayed, it indicates the mileage for that particular trip. When ODO is displayed, the total mileage of all trips is shown. The VOL display indicates the battery voltage.
3. A long press of the MODE key () will clear the TRIP mileage (under the TRIP interface).



PARAMETER SETTINGS

Press and hold both POWER () and MODE () keys at the same time to enter the mode settings menu. Short pressing either MODE (+1) or POWER (-1) will change parameter items. Once at the desired parameter, holding MODE will change the value to flashing and all for that parameter to be modified. A short press to the POWER key will decrease the value, and a short press on MODE increases the value. After the modification is completed, hold the MODE key down to set and save the value, the flashing will also stop.

Note: Please keep the default values of the parameter settings; please do not change these values.

FOR EXAMPLE

How to disable EBS (Electric Braking System)

Press and hold both the POWER () and MODE () key simultaneously to enter the settings, and short press MODE (or POWER) until P9 is displayed. Then hold MODE to select P9, short press POWER or MODE to change it to 0. Then long press MODE to save the changes.



Parameter settings and definition

P00	Wheel diameter: Unit:inch; Precision: 0.1	Default=10
P01	Voltage cut off. When the voltage drops to 43.0V, undervoltage protection will be started and the power supply will be cut off automatically.	Default=43.0
P02	Magnetic poles in hub motor. Do not change it .	Default=15
P03	Speed sensor function. Do not change it.	Default=1
P04	Speed units: 0=Kmh 1=Mph	Default=0



PARAMETER SETTINGS

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=1
P08	Max output (max speed) 1-100%	Default=100
P09	EBS brake settings: 0 = EBS off 1 =weak EBS 2 = strongest EBS	Default=0
P10	—	Reserved function

COMMON ISSUES AND SOLUTIONS

Issue 1: Both the light and horn are not working. Generally, this will happen when the display is defective and is solved by replacing the display.

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.



MAINTENANCE

The screws should be regularly maintained, inspected and tightened. Especially the screws on the folding mechanism, brake system and motor.

- (1) Tighten the screws in the folding mechanism
- (2) Tighten the screws in the handlebar
- (3) Tighten the screws in the front shock absorber
- (4) Tighten the screws in the rear shock absorber
- (5) Tighten the screws in the front motor
- (6) Tighten the screws in the rear motor

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.



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 your inspection finds an issue with the scooter, please contact your seller. You can also contact your seller if you need assistance with any of the assembly

SHIPPING

To avoid damage during transport, we have safely packed all of the electric scooter components in foam and cardboard. If there is something broken upon arrival, please take photos of the damaged parts and contact the seller, they will be able to offer you a solution.

MECHANICAL DAMAGE OR MODIFICATIONS

If your scooter is damaged due to an accident or misuse, you can buy replacement parts nanrobot.com, the distributor or seller you made your purchase from, or you can send the scooter to be repaired. The buyer bears all repair costs. If there are other after-sale problems or questions, please send an e-mail to us at support@nanrobot.com.

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