

**LEOOUT**

# **User Manual**

**LEOOUT ELECTRIC SCOOTER**

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# Product Introduction

## Product Overview



# Main Part Introduction

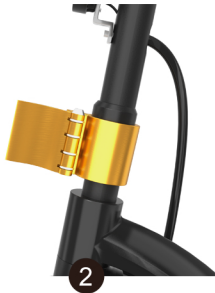
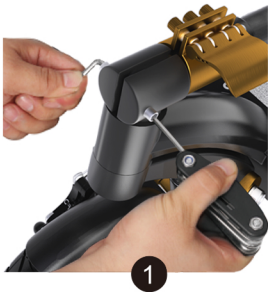
- 1 Front light button
- 2 Horn button
- 3 LCD display (with USB port)
- 4 Accelerator
- 5 Speed limit button
- 6 Single / Dual engine button





# Installation Instructions

- 1 Install the front pole, insert the fixed shaft and tighten the screw
- 2 Lower and lock the fastener
- 3 Install the handlebar and tighten the screws
- 4 Install the headlight
- 5 Tighten the screw
- 6 Done



# Folding Instructions

- 1 Unlock the fastener
- 2 Lift the fastener
- 3 Fold the pole
- 4 Done



# Charge Your Scooter



Open the rubber flap



Plug the power adapter into the charging port



When charging is completed, put back the rubber flap

## Safety Instructions

This manual has been created to help you understand the safe use and maintenance of LEOOUT SX10 electric scooter.

- Persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities should not use this product.

# Display Manual



## ON/OFF:

Long press “Power” Button for 3 seconds to start or shut down the scooter.

Auto OFF: After five minutes of non-using any function, the scooter will be automatically power off.

## Display content switch:

In power on condition, short press “Power” Button to switch TRIP/ODO/VOL on the LCD display.

Note: TRIP is Single mileage, ODO is cumulative mileage, VOL is battery voltage.

Speed Mode Switch: In power on condition, short press “Mode” Button to switch speed mode.

# Settings

P01: Brightness of backlight, 1 level is the darkest, 3 levels are the brightest;

//This function has been blocked, the default is the brightest.

P02: Mileage unit, 0: KM; 1: MILE;

P03: Voltage level: 36V, 48V, 52, 60V default 52V;

P04: Dormant time: 0, no dormant; other numbers are dormant time, range: 1-60; unit minutes; default 1

P06: wheel diameter: unit, inch; precision: 0.1; default 10

P07: Speed measuring magnet number: range: 1-100; default 30

P08: Speed Limit Maximum motor speed; Default 100

P09: Zero start, non-zero start setting, 0: zero start; 1: non-zero start;

P10: drive mode setting 0 boost drive 1 electric drive 2 boost drive electric drive coexistence

P11: Boost sensitivity setting 1-24

P12: Starting torque: range: 0-5, 0 weakest, 5 strongest;


P13: booster disk magnet type setting 5 8 12


P14: Controller current limit value setting Default 12A Range: 1-20A; (controller software support required)


P15: Motor drive signal percentage setting Default 100





Scooter factory setting: value p2-0 p3-52 p4-1 p5-3 p6-10 p7-30 p8-100 p9-0 p10-2 p11-2 p12-2 p13-5 p14-12 p15-100 p16-0

## Introduction of buttons and interfaces





1. When it is shutdown, long-time pressing  to turn on the power. When it is power on, It can change interface between the ODO, TRIP, VOL, by pressing

 for short time.


2. When it is power on, long-time pressing  to turn off.

3. Long-time pressing  and  can get into the menu to change the interface, in the setting interface, short-time pressing  can change gear. Short press  to change the speed status, the gear is switched from 0 to the highest gear. The default gear is 6 gears, the motor does not run in 0 gear, and the highest speed is in 5 gear.

Parameter value modification:

Enter the parameter setting meeting, adjust the parameter you want to adjust, increase or decrease the parameter value through the  and the  . After confirming that the modification is completed, long press the  and the  to exit the parameter setting, and then turn off and restart the machine. Shutdown and reboot means that the modification of parameters is complete.

4. Rocker arm adjusts motor speed, toggle from top to bottom, motor speed increases; let go to return to zero position.

5. Gauges with headlight function, long-time pressing  to turn on the headlights.

ERRO 1: Motor failure

ERRO 2: turnbuckle fault

ERRO 3: Controller Failure

ERRO 4: Power failure brake

ERRO 5: Undervoltage protection

ERRO 6: Communication failure, the meter can not receive the output of the controller

ERRO 7: Communication failure, the controller can not receive the output of the meter

# Specification

Items	Specifications
Brand	LEOOUT
Model	SX10
Motor	Dual 1400W (Peek Power) Motors
Battery	52V25Ah 21700 Li-ion Battery
Tire	10-Inch Wide Tires
Controller	29A Controller * 2
Brake	Mechanical brake
Top Speed	65km/h
Max Range	70km
Climbing Angle	40°
Max Load	150KG
Net/Gross Weight	36.5KG
Body Size	116*62*120cm
Folding Size	116*62*48cm
Package Size	122*27*51.5cm

Battery	52V25Ah 21700 Li-ion Battery
Tire	10-Inch Wide Tires
Controller	29A Controller * 2
Brake	Mechanical brake
Top Speed	65km/h
Max Range	70km
Climbing Angle	40°
Max Load	150KG
Net/Gross Weight	40KG
Body Size	127*64.5*127cm
Folding Size	127*64.5*49cm
Package Size	131.5*27*51.5cm



# Maintenance

## Cleaning and storage

If you see stains on the scooter's body, wipe them off with a damp cloth. If the stains won't scrub off, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth. If you see scratches on plastic parts, use sandpaper or other abrasive materials to polish them.

Notes: do not clean the scooter with alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to prevent dire damage. Do not wash the scooter with a high-pressure water spray. During cleaning, make sure that the scooter's turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems. When the scooter's not in use, keep it indoors where it is dry and cool. Do not put it outdoors for long time. Excessive sunlight, overheating and overcooling accelerate tire aging and compromise the scooter and the battery pack's lifespan.

## Battery maintenance

1. Use original battery packs, use of other models or brands may bring about safety issues;
2. Do not touch the contacts. Do not dismantle or puncture the casing. Keep the contacts away from metal objects to prevent short circuit which may result in battery damage or even injuries and deaths;
3. Use original power adapter to avoid potential damage or fire;
4. Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries.

5. After every use, fully charge the battery to prolong its lifespan. Do not place the battery in an environment where the ambient temperature is higher than 50°C or lower than -20°C (e.g., do not leave the scooter or the battery pack in a car under direct sunlight for an extended time). Do not throw the battery pack into fire as it may lead to battery failure, battery overheating, and even another fire. If the scooter is expected to be left idle for more than 30 days, please fully charge the battery and place it in a dry and cool place. Keep in mind to recharge it every 60 days to protect the battery from potential damage which is beyond limited warranty.

6. Always charge before exhausting the battery to prolong the battery's lifespan. The battery pack performs better at normal temperature, and poor when it is below 0°C. For instance, when it is below -20°C, the riding range is only half or less at normal state. When the temperature rises, the riding range restores. Note: Fully charged SX10 Electric Scooter will last for 120-180 days. The built-in intelligent chip will keep a log of its charging and discharging records. The damage caused by prolonged no charge is irreversible and is beyond limited warranty. Once the damage is done, the battery can not be recharged (Non-professionals are forbidden to dismantle the battery pack, as it may cause electric shock, short circuit or even major safety accidents).

## Contact Us

If you have any inquires, please feel free to contact us, we will reply within 24 hours.



Video Tutorial



Technical Support

For more questions, please scan the QR code and ask

**CE RoHS FC MSDS UN38.3**