



User Manual

ES11 Electric Scooter

Contents

Product Introduction	1
Installation Instructions	3
Folding Instructions	4
Charge You Scooter	5
Safety Instructions	6
Display Manual	7
Parameter Settings	8
Specification	9
Maintenance	11
Contact Us	13

Product Introduction

Product Overview



Main Part Introduction

- ❶ Front light button
- ❷ Turn light button
- ❸ Horn button
- ❹ USB charging port
- ❺ Compass
- ❻ LED display
- ❼ Accelerator
- ❽ Speed limit button
- ❾ Single / Dual engine button



2

Installation Instructions

- ❶ Install the handlebar and tighten the screws
- ❷ Unfold the handle
- ❸ Tighten the outer ring of the handle
- ❹ Install the fixed shafts and tighten the screws
- ❺ Install the turn lights
- ❻ Install the mudguard
- ❼ Install the kickstand
- ❽ Done



3

Folding Instructions

- 1 Rotate the outer ring of the handle
- 2 Fold the handle
- 3 Pull out the black rod
- 4 Press the red rod to lower the scooter
- 5 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 LAOTIE E11 electric scooter.

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

·The user of this product assumes ALL risks associated with its use. To minimize these RISKS, the user must wear safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.

·Riding the electric scooter can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric products, the scooter can and is intended to move and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and other precautions. RIDE AT YOUR OWN RISK AND USE COMMON SENSE.

·This manual contains important safety information. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety. We're not liable for incidental damages or consequential damages due directly or indirectly to the use of this product.

Always follow the local laws and regulations.

- Understand your local laws permitting the use of Electric scooters.
- Never ride your scooter in conditions of poor visibility.
- Do not do stunts, wheelies or jumps. They will increase your chances of injury and damage your LAOTIE E11.
- Never carry passengers.

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.

Parameters Settings

Enter/Exit Settings Interface: Long press Mode Button & Power Button together for 3 seconds.

P00-P09 Switch: Short press Mode Button to switch code number.

Value Adjustment: Short press Mode Button or Power Button to adjust.

Code Number	Meaning	Detail
P00	Wheel diameter setting	Programmed by the controller, not available.
P01	Under-voltage setting	The standard parameter should be 43.0 for the LAOTIE E11 electric scooter. Not recommend to change.
P02	Number of pole pairs setting	Programmed by the controller, not available.
P03	Speed signal selection setting	Programmed by the controller, not available.
P04	KM/ Mile selection setting	0 is Km, and 1 is Mile.
P05	Non-zero and zero start selection	Programmed by the controller, not available.
P06	Cruise and Non-cruise selection	0 is Non-cruise, and 1 is Cruise.

P07	Soft start and hard start selection	This P07 setting has been programmed by the controller, not changeable.
P08	Speed limit adjustment	If we want to reduce the top speed, we can press Power Button or Mode Button to Decrease or increase the percentage number. (For example, if we want 50% of the top speed, we can reduce the percentage number to be 50%)
P09	EBS brake strength adjustment	Programmed by the controller, not available.

Specification

Items	Specifications
Brand	LAOTIE
Model	E11
Motor	Dual 1200W (Peak Power) Motors

Battery	52V/28.8A 21700 Lithium Battery
Tire	10*3.54-Inch Tubeless Tires
Controller	28A Controller * 2
Brake	Front and Rear Oil Brake
Light	LED Front Light Strips, Dual Ultra-Bright Headlights, LED Ambient Light, Turn Lights, Taillight
Top Speed	70km/h
Max Range	100km
Climbing Angle	45°
Max Load	150KG
Net/Gross Weight	47KG
Body Size	118x128x61.5cm
Folding Size	121x72x40cm
Package Size	120×29×55cm

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 is 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 is 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 E11 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

Technical Support Team: Support@Laotie.zone

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



Official Store

Scan the code to discover the latest from LAOTIE

CE RoHS FC MSDS UN38.3