Electric Bike

User manual book

assembly video on YouTube:AairskEbike

Model:X5

youtube's website

aairsk.com

support@aairsk.com

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Thank you for choosing Aairsk

Before using your Aairsk e-bike/scooter, please read this manual carefully. If there is anything you do not understand completely, please contact us.

Please observe traffic regulations, and do not lend your e-bike/ scooter to anyone who is unfamiliar with it.

We recommend your e-bike/scooter only be used by a person aged 16 years or older, always supervise children until they are competent riders.

When using any e-bike/scooter, it is important that you stay within safe limits; if you feel as if you are travelling too quickly, you probably are.

Always test your brakes prior to using the e-bike/scooter, and remember the ebike/scooter will not stop as quickly in the wet as it would in the dry!

Always be careful of using the front brake when turning or on slippery surfaces as locking of the front wheel can be dangerous and result in falling off.

Before you use the e-bike/scooter for the first time, please make absolutely certain that it has been correctly assembled. In particular, you must make sure that the pedals, saddle, handle bars and any self assembled items have been fitted correctly and tightened.

Avoid consuming alcohol before you ride your e-bike/scooter.
If you need to replace your battery, please dispose of it properly.
Above all, enjoy your Aairsk journey, happy cycling!

Inspection Before Riding

1. Saddle seat post (whether it does not cross the limit line or is locked tight).

2. Bell (Does it ring well?)

3. Handle bar or Stem (Is it not over the limit line, is it locked tightly?)

4. Front and rear brakes (whether the work is normal, whether the wire is rusted, is the lever fixed?)

5. Fender (whether it hits the tire).

6. Battery(lights on or off).

7. Front brake and rear brake(if works weii, sound good or not.).d

8.Spokes(no crack and no losse spokes).

9. Front and rear hub(check if fixed on the wheels).

10. Rear Carrier(check if tightened well).

11. Battery (if correctly installed and fixed).

12. Pedal crank (No rattling).

13. Chain (Do not idle, whether pebbles are not jammed, tooth skipping, play is appropriate).

14. Wheels (rattling, spokes, hub rattling, bending, no deformation or tire pressure is appropriate).

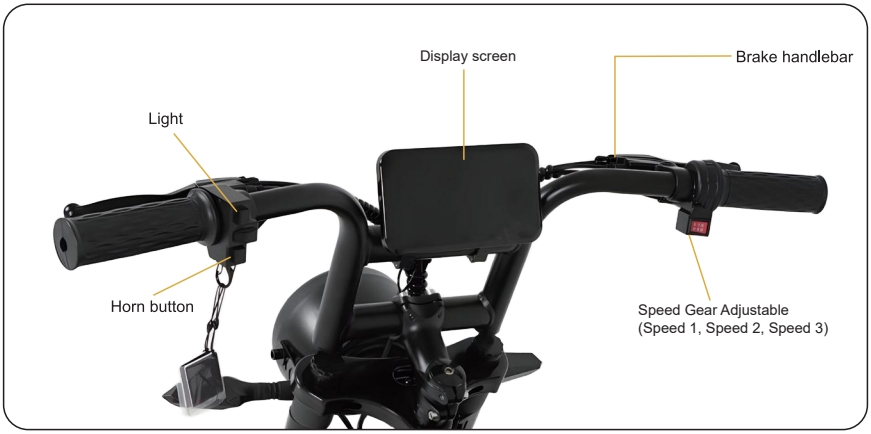
15. Motor (There is no loose attachment, does the chain rise and fall smoothly?).

NOTICE

Keep your keys/cards and spare keys/cards in a safe place.
Lost keys/cards are difficult to copy.

Note: When replacing the charger, it should match the battery model; The battery pack must be charged using a dedicated charger provided by our company, and no other charger must be used to charge the battery pack.

Schematic diagram of the name of the whole vehicle parts



Display operation

Shenzhen Shenlong Zhantuo Electronics Co., Ltd.

Brief description of SL-P8NFC Instrument Panel

1. Power ON: Hold the Cardkey on the display until you see the display light up.

Power Off: Touch the dispaly with the Cardkey again to power off the display.

The dispaly will automatically power off aftera period of inactivity (default 10 minutes).

How-to guide

1. Power on and off: Press and hold the power button on the handlebar, the screen lights up to indicate that the power is turned on successfully; Long press the power button again, and the screen turns off means it is powered off.

2. Power assist mode selection: Through the display or buttons, you can switch between different power assist modes (such as economy mode, standard mode, sports mode, etc.). The economy mode provides a weaker boost and is suitable for flat sections; Standard mode provides moderate assistance and is suitable for daily commuting; Sport mode provides strong assistance and is suitable for uphill climbs or situations that require rapid acceleration.

3. Riding and braking: When riding, just press the pedal like a normal bike. When it's time to brake, gently press the brake lever to slow down or stop.

4. Charging and maintenance: When the power is low, please use the on-board charger for charging.

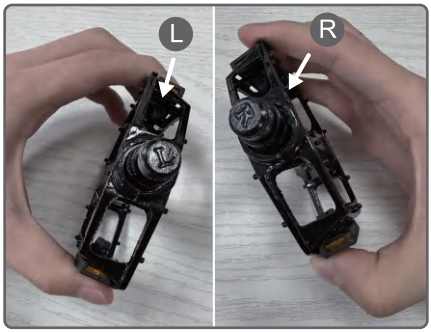
When the gauge level is shown in yellow, it must be charged before riding. Charging steps: Open the lid of the charging port, insert the power cord into the charging port, then insert the plug into the power socket (the red indicator light is on), and disconnect the power supply in time after 5-6 hours (the charging time varies with the ambient temperature, etc.) after being fully charged (the green indicator light is on).

Charging port

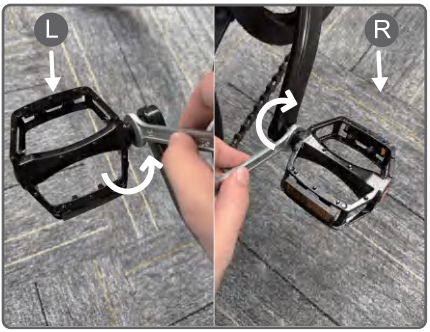
When fully charged, the charger LED light is green

How-to guide

Foot pedal mounting



1 By finding the "R" right foot pedal and "L" left foot pedal marks on the pedal, and then preparing the corresponding will be installed on both sides of the ebike.



2 Bicycle pedal, R for clockwise installed on the right side, L for counterclockwise installed on the left side.

3 Use a pedal wrench or opening wrench to completely tighten the pedal

Battery maintenance and charging

Battery Charging

You must connect the charger to the battery first and then plug the charger into wall socket otherwise it may cause damage to the charger.

The optimal usage environment is 10°C/50F - 45°C/113F.

In low temperatures, the available capacity of the lithium battery will experience varying degrees of attenuation. The specific reference valuesd are as follows:

The available capacity at-10°C/14F is approximately 60%. At 0°C/32F it is 85%. At 25°C/77F , it is about 100%.

The 2nd year's capacity may drop to 80% to 95% of the original capacity.

To ensure the safety of transportation, the battery power in the battery plant is approximately 50-85%. Due to power consumption during transportation and storage, the battery power may be low or depleted during the first use.
This is a normal occurrence, so please do not worry.

Battery & Controller Protection Guidelines

Avoid exposing the battery and controller of the bicycle directly to rainwater or high-pressure water jets to prevent water ingress and potential short circuits.

Battery protection: Remove and dry thoroughly if submerged, ensuring 48+ hours of air-drying ina ventilated area.

Controller care: Despite some, prolonged immersion risks damage.
For post-flooding:
Wipe battery contacts with a dry cloth.
Clean mud from wiring harnesses and controller gaps.
Seek professional inspection for water-damaged components.
Note: Never attempt to charge or power on a wet system, as this may trigger hazardous short circuits.

NOTICE

The battery is not a component that can be repaired by users. If any abnormal phenomena occur, please contact the after-sales department for maintenance. Unauthorized dismantling of the battery will void the three-pack policy and may result in battery heating, smoking, fire, or explosion.

Battery Maintainence

Proper use, charging, and maintenance of the ebike's lithium-ion battery are essential to safety. Improper handling can lead to a risk of fire. Never use a charger other than the one provided with your Tomofree ebike. Always charge the battery in a wellventilated area, away from flammable materials.

If the battery is placed in the ebike UNUSED, it will slowly consume the power. The ebike can be kept unused for up to two months. After long time of no use, the meter may show that the battery power drops than it used to be, which is normal.

When the battery is not used for a long period (more than one month), please be sure to remove it from the ebike and charge the battery to a half-full and full state (after discharging the battery. use the charger for 1.5-2 hours). Then, store it in a cool and dry room (the ideal temperature is 5°C/41F-25°C/77F) and charge it to about 80% every two months.

Batteries and chargers should be stored in a clean, dry, ventilated place, away from contact with corrosive substances, fire, and heat sources (must be at least 2 meters away). Keep them away from flammable substances, and disconnect the charger from the battery.

The most suitable storage capacity for the battery is 50%. If the batterv is below 10% or above 90% long-term storage will lead tol irreversible capacity degradation of the battery.

Avoid placing the battery in a risky location where a drop could cause uncontrollable damage to the battery, leading to leakage, heat. smoke, fire, or explosion.

Fault inspection and trouble shooting methods

serial number	Description of the fault symptom	Fault cause analysis	Troubleshooting methods
1	The speed regulation is out of order or the speed is less than 10 km/h	1. The battery voltage is too low 2. The speed control handle is faulty 3. Transmission group failure	1. Fully charge the battery 2. Send it to the maintenance station for repair
2	The motor hub does not work	1. The battery wiring is loose 2. The motor wiring plug is loose and detached 3. The speed control handle is faulty	1. Take out the battery box and reinstall it 2. Tighten the wiring plug 3. Send it to the maintenance station for repair
3	The mileage is insufficient after charging	1. Insufficient tire pressure 2. Insufficient charging or charger failure 3. The battery is aging or damaged 4. There are many uphills, upwind heads, heavy loads, poor road surfaces, and low temperatures	1. Sufficient gas 2. Sufficient power or check the charger 3. Replace the battery 4. It is recommended to use foot pedal assistance
4	The charger does not charge	1. The plug is not plugged in 2. Charger fuse blowing · 3. The fuse of the battery pack is blown out.	1. Tighten the socket 2. Send it to the maintenance station for replacement 3. Replace the fuse
5	The battery is sufficient, but there is no voltage display, and the electric hub is difficult to start	1. When starting the electric hub, the voltage is lower than 30V 2. The battery switch line falls off 3. The monitor connector is loose 4. Controller failure	1. Replace the battery with a new one 2. Reconnecttighten 3. Send it to the maintenance station for repair
6	After opening the electric door lock, it was found that the signal part was normal and the drive part was abnormal	1. Battery undervoltage; 2. The left and right brake levers are damaged 3. The controller or motor is damaged 4. The line is abnormal 5. The speed control handle is damaged or the line is abnormal	1. Replace the speed control handle and overhaul the line 2. Charge in time 3. Replace the left and right brake handles
7	Zero start mode abnormality (switch left and right positions)	1. The start mode switch or speed control handle is damaged 2. The line is abnormal:	Replacement of damaged parts/service lines
8	Non-zero start mode exception (switch in the middle)	1. The start mode switch or speed control handle is damaged 2. The line is abnormal:	Check switch position/replace booster/service line

⚠ Note: When encountering faults that cannot be eliminated by yourself or faults that cannot be determined,such as internal damage to the motor, controller charger, battery pack, etc,please send the vehicle to the place of purchase or the company's special maintenance station for inspection and repair. During the warranty period,please do not open important parts without authorization, otherwise the company will not warrant it.

Warranty Policy

Part Name	Warranty Period
Battery	6 months
Motor	6 months
Controller	6 months
Meter / Front Fork / Handlebars Ring/Handlebar /Crank Gear / Charger	6 months
Handlebars / Front Axle / Rear Axle / Freewheel /Chain	6 months
Front & Rear Lights / Pedals / Tires / Brakes / Consumables	1 month

Service Content:

All parts listed above are covered within the specified warranty period, starting from the date of receipt.
Free repair or replacement is provided for non-human damages.

After-Sales Service Commitment

To protect your rights and interests, we provide the following after-sales services for this product:

1.Replacement of Spare Parts

Within the warranty period, if any parts are found to have quality issues, we will provide free replacement parts. Please provide:

A description of the issue and photos;

For battery, motor, or charger issues, please provide the serial number/code.

Upon receiving the information, we will review and respond within 3 working days. If the issue is confirmed as a quality problem, replacement parts will be shipped within 5 working days, with shipping costs covered by us. Please check the parts promptly upon receipt and keep the relevant documents.

2.Return & Exchange Policy

Returns and refunds for functional quality issues can only be processed after confirmation by us. In such cases, round-trip shipping costs will be covered by us. For non-quality issues (such as refusal to accept the goods or returns without reason), we will not bear the related costs.

3.Handling of Transportation Damage

Please check whether the outer packaging is intact before signing for the goods. If any damage is found during transportation, please take photos immediately as evidence and file a claim with the logistics company. We will assist by providing the necessary supporting documents.

Kindly keep the packaging in case you need to return the product.

CONTACT YOUR DIRECT SELLER of your purchase for after-sale service

YouTube Instructions on assembly,
replacement of accessories, etc.

Email: support@aairsk.com
YouTube:AairskEbike