

Y3

USER MANUAL



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Thank you for choosing the electric off-road vehicle developed and designed by our company. The product is with an excellent structure, a cool appearance and with high-quality materials for production. This product is recommended for children aged 7+ for entertainment and competitive activities use. This product works with excellent DC permanent magnet motor which make it easy and fast to operate, bringing you more comfortable and enjoyable driving experience! This manual introduces the basic structure, safe driving, operating instructions, maintenance, and main technical parameters of this vehicle. Please read it carefully. Following the regulations and requirements in this manual will make your vehicle durable and extend its service life.

Attention

- Please carefully read the warning information before using this product, otherwise it may cause injury or death.
- Before the first use of the vehicle, it should be fully charged (refer to charging precautions for battery usage and charging)
- No riding with another person or carrying a child. It is suitable for children aged 7 and above. Overloading may cause the vehicle to lose control and be damaged.
- Use the vehicle in a flat and open area without potholes, and should not be ridden in areas with water, ice, or oil pollution to avoid damaging the vehicle and causing unnecessary harm due to vehicle loss of control.
- Wear protective equipment such as helmets, goggles, and protective clothing when riding.
- Do not ride after taking alcohol or medication.

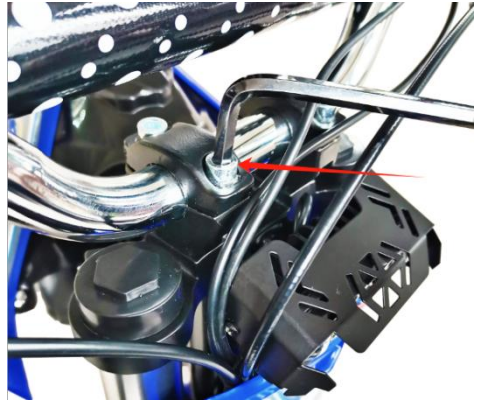


- The vehicle must be inspected before riding.
- No riding on any public road or traffic thoroughfare. Comply with local laws and regulations to avoid safety accidents, traffic accidents and unnecessary injuries.
- Failure to follow this practical manual may result in accidents or damage to the vehicle and its components.
- Please do not use or lend the vehicle to anyone who can not operate it independently until fully understanding its performance.
- When cleaning vehicles, it is strictly forbidden using water pipes to flush directly to avoid short circuits or burning of various electrical equipment!
- This user manual is an integral part of the vehicle and should be attached when the vehicle is handed over to others for use.
- To meet the needs of users, our company will continuously improve the vehicles we produce. We reserve the right to make any changes without prior notice.
- The copyright of this user manual belongs to our company. Without our authorization, it is not allowed to be reprinted or copied, and we reserve the right to pursue legal action.

1 Safe driving rules

- The product is a children's electric off-road motorcycle with a maximum load of 60Kg. Due to limited power, it cannot be used for extreme off-road driving, otherwise it may cause damage to the motor, controller or frame, and may also result in personal injury or death.
- Driving the vehicle must comply with local laws and regulations as well as other management regulations;
- The driver riding the vehicle should be accompanied by an adult aged 18 or above and under the guardianship;
- Before use, the vehicle's tire pressure, braking system, transmission system, and various electrical controls must be inspected carefully;

7 Vehicle Assembly

NO.	Assembly instructions	Demonstration diagram
1	Open the master carton and lift out the entire vehicle. Place the vehicle on a flat surface and open the Foot Stand to make it stand steadily and prevent it from tipping over	
2	Take out the installation block of the directional handle from the tool kit. Press the steering handlebar into the slot, install the screw in, then use an S6 hex wrench to tighten the screw appropriately. Adjust the angle of the steering handlebar to the comfortable position, and then tighten the four screws well to complete the assembly	

The indicator light of the charger remains red for a long time, but the battery still cannot be charged	1.The charger is damaged; 2.The battery has reached its service life limit	1. Replace the charger 2. Replace the battery
When driving a vehicle, it moves very slowly	1.The gear is in the lowest gear 2.The battery level has reached its limit; 3. Loose wires; 4. The controller or throttle is damaged;	1.Connect to the charger for charging 2.Check the condition of each circuit 3. Replace the controller or throttle
Sudden stop during vehicle operation	1.The vehicle fuse is damaged 2. Loose or broken wires 3. The controller or brake system is damaged	1. Replace the controller 2. Check each circuit 3. Replace the controller or brake system
The vehicle smells a burnt odor	1. Motor or controller damage caused by vehicle overload 2. Burnt wires or connectors	1. Replace the controller or motor 2. Check the circuit
Wheel noise	1.The chain is too loose or too tight 2.Severe wear of chain disc or chain 3. Damaged rear bearing 4. The tire is flat	1. Adjust the chain tightness 2.Replace the chain disc or chain 3. Replace the bearing 4.Inflation or tire repair

- Do not riding in narrow and enclosed areas to avoid danger;
- No wearing loose clothing when riding;
- Do not approach other vehicles closely, and it is strictly prohibited to occupy the driving road;
- Speeding and illegal driving are the causes of accidents. Strictly control the speed and distance according to the road conditions;
- Do not ride the vehicle on a slope. When riding in dangerous areas such as crossing, parking entrances/exits, get off the vehicle and push to pass;
- When riding, grasp the handle tightly and control the direction to avoid any safety accidents;
- During driving, keep the knees together, step on the pedals as much as possible, and maintain a certain position between your left hand and the rear brake. Hold the throttle with your right hand to accelerate, decelerate and brake correctly;
- For your safety, you must wear safety helmets, goggles, protective clothing and other protective equipment when riding.



- A、 It is forbidden to switch the speed of gear 1/2/3 during driving;
- B、 During riding, please hold the steering handle tightly and slow down when turning to avoid the overturning due to center's gravity deviation;
- C、 When emergency braking is required, grasp the handle tightly, keep the center of gravity and press the brake;
- D 、 When the vehicle is not in use, Clean the vehicle and apply rust resistant oil to the parts. If necessary, disassemble the vehicle and store it in the original packaging box. Keep storage against the fire, moisture, sun, rain, collision, etc;

2 Vehicle modification/loading

- Self modification of vehicles is not allowed.
- Good suggestions for improving the vehicle, please contact with us.
- It is not allowed to load any goods when riding to avoid property damage, unnecessary injury or even death.

3 Vehicle structure description

The vehicle structure and main components are shown as below:



<Figure 1>

6 Maintenance

- 1) The vehicle is mainly composed of steel parts, electrical components, etc. Do not rinse directly with water. If water is accidentally spilled on the vehicle, it should be wiped dry immediately. If water enters the battery box, controller, operation button and other electrical switch positions, please do not turn on the power.
- 2) If there is any abnormality in the vehicle, it is not recommended to disassemble, analyze and solve it on your own. It is recommended to a professional repair shops for repair;
- 3) If the electronic control system is damaged or needs to be replaced, it should be replaced or repaired by a professional repair shop. It is not allowed to purchase or install batteries on your own to avoid the possible damage to the vehicle, personal injury or property loss caused by the installation of defective batteries;
- 4) The chain should be maintained with lubricating oil every month which can prolong its service life;
- 5) The tire is made of rubber material. If they are contaminated with acid, alkali, oil, etc, Please cleaned immediately to avoid oxidation, cracks or other factors that may affect its service life.

Fault diagnosis:

Malfunction	Cause analysis	Solution
The charger indicator light changes from red to green during charging	1. The battery is fully charged; 2. The battery fuse is damaged; 3.The connection between the charger socket and the battery is disconnected 4.Unplug the charger, and the battery indicator remains low;	1. Please charge for 6-8 hours fully for first time charging. 2. Replace the battery fuse; 3. Check the connection between the charger and the socket; 4. Replace the charger

certain service life. If the brakes still cannot achieve a satisfied braking effect after adjustment, please contact a local authorized agent for repair, adjustment, or replace of parts.

5 Charging precautions

Battery Safety:

The vehicle uses a lithium battery pack with 18650 cells as its electrical energy. Conditions such as Heat sources, punctures, short circuits overcharging, high-temperature, etc., may cause the battery to self ignite or explode. Severe vibrations may also lead to adverse consequences.



<Figure5>

Charging steps:

The charging port of the vehicle is located on the upper right side of the battery box (as shown in Figure 3-20)

- A. Please turn off the vehicle power before charging;
- B. Remove the charging port cover and prepare to insert it with the charger socket, making sure to align it with the socket (as shown in Figure 5).
- C. Insert the charger socket into the charging port. When the red indicator light of the charger lights up, it indicates that it is charging;
- D. The charging time of this vehicle is 4-6 hours.



- It is strictly prohibited to disassemble lithium batteries, as they may be flammable and explosive due to impact, compression, etc.
- When charging, make sure to place the vehicle in an open area and keep away from any flammable and explosive materials. It is recommended that charging under necessary guard;
- When the vehicle is not in use for a long time, it is recommended to charge at least once every 30 days.



<Figure 2>

1	Front fender	11	DC motor
2	Front license plate	12	Battery box
3	Front headlights	13	Front Shocking
4	Throttle	14	Front wheel
5	Hand grip	15	Headlight switch
6	Seat	16	Horn button
7	Rear shocking	17	Hand brake
8	Rear brake system	18	Power display
9	Rear wheel	19	Power On/Off button
10	Foot stand		

4 Operating instructions :

4.1 Vehicle power start:

Long Press the power on/off button (as shown in Figure 2-19) for 3 seconds. The power indicator light will light up, with a full charge state of "H" and a short charge state of "L" (as shown in Figure 2).

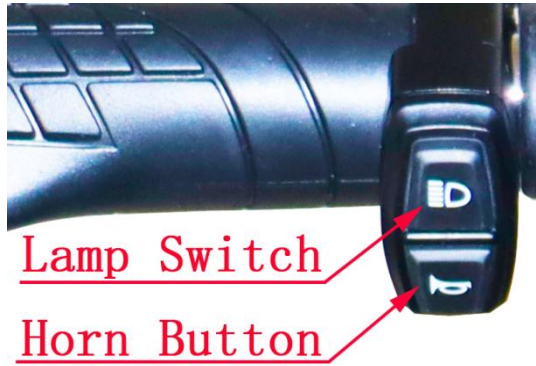
4.2 Vehicle gear change:

The gear Switch is on the right side of the battery box. (as shown in Figure 3)
The speed of gears as 1, 2, and 3 can be switched according to the age of the child and the needs of safe riding.
Attention: Do not make gear switch during riding to avoid falling, unnecessary

injury or even death caused by one hand operation of the vehicle.



<Figure3>



<Figure4>

4.3 Light switch and horn button:

Turn on/off lights with the lamp switch button

Use horn when necessary by pressing horn button

They are located on the left side of steering handle. (As shown in Figure 4)

4.4 Parking precautions:

- Parking should be done in a flat and non sloping area, in a cool and dry place to avoid damage to paint, batteries, rubber, plastics, etc. due to wind and sun exposure;
- Before parking, the power of the vehicle should be turned off.
- The Foot Stand is located on the left side of the vehicle. please gently pull the Foot Stand down to the ground.



- During Riding, the Foot Stand must be in a retracted status;
- When Parking, Make sure that the vehicle is with a stable stop before leaving to avoid the vehicle's tipping over;
- After parking: The Foot Stand of the vehicle has limited loading capacity and it can only support the parking inclination angle. The exceed loading may cause the vehicle to overturn or causing unnecessary personnel injury

and property damage;

- Maintenance: If the Foot Stand is damaged, please go to a authorized agent for repair or replacement to avoid unnecessary damage to your riding and parking!
- Park the vehicle within a safe and controlled visible range to avoid loss.

4.5 Chain adjustment:

The chain of this vehicle adopts a tensioning wheel structure which generally does not require adjustment.

Attention: If there is abnormal noise or detachment of the chain, please go to a authorized agent to repair, adjust or replace the parts.

4.6. Brake adjustment:

The vehicle is with a mechanical brake. the brake system is located on the left side of the rear wheel.



If Brake too loose: Use a 10mm wrench to loosen the screw appropriately (as shown in A in the above figure), press the brake rocker arm forward with force, and pull out the brake cable as much as possible (Pliers can also be used), then tighten it with force, and then perform a cycling test.

Attention: The brakes have been adjusted before delivery and have a