

Amped A20 Pro User Manual





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Cautions &Warning

1. Note: the product pictures are for illustration purpose only. These pictures may not reflect the exact out looking of actual product. Specifications may change.

Before using the Bike, please read the manual carefully and inspect whether the parts are in good condition to ensure children and riding safety. If there is any problem, please contact the dealer immediately. Also check the bike is set on the correct speed setting for the rider before allowing them to ride.

2. Children are required to use the bike under the supervision of parents or adults.

3.The Bike should be parked in a dry and ventilated place. Do not rinse the bike with water. It is recommended to wipe it with a cloth.

4. Please comply with local laws or regulations. Avoid public roads, pavements and pathways. Please slow down and increase the braking distance in rainy/snowy day or slippery road, to sure the safety.

5. Non-professional maintenance persons are prohibited from disassembling and replacing parts.

6. The bike is forbidden to do stunt riding,

7. Please inspect and sure all screws are tight before riding.

8. The controller is equipped with an overload protection function. It will cut off the power automatically once overloaded.

And when the power turns to normal, the power will turn on.

9. When the bike is with electricity but cannot drive, please turn off the power in time in case of electric components damage.

10. Please turn off the power when you get down from the bike or you are pushing it, in case that when riders push the



throttle unintentionally, the Bike starts suddenly and get hurt.

11. Do not allow hands, feet, body, clothing or other similar items to come into contact with any rotating or moving parts.

Warning! Assembly by an adult.

Warning! Not suitable for children under 36 months. Small parts. Choking hazard

Warning! This toy is unsuitable for children under 3 years due to its maximum speed. It is always at the discretion of parent or person supervising as to the age of the rider.

Warning! Always wear a helmet and safety gear so to avoid falling and injury during the driving learning,

Warning! Always Ride or use only under parent or person supervising

Warning! Protective equipment should be worn. Not to be used in traffic

Warning! Only use this Vehicle in closed-off areas away from public road traffic. like Off-road track, closed track
a reminder that the toy should be used with caution since skill is required to avoid falls or collisions causing injury to the user or third parties.



Specification

Bike style(20 inch)	20 pro cross
Motor(hub motor)	800w brushless
Battery	36V 5.0AH/10AH
Frame	Aluminium 6061
Fork	Hydraulic adjustable
Stem	Aluminium
Brake	F/R Hydraulic Disc brake
Speed mode	3 speed, button+LED display
Handle bar	Alloy
Grip	Rubber 22mm
Tire	20"/20" Kenda 2.60
Rim	Alloy spoked type
Transmission	Motor driving
Distance	Up to 1 hour riding
Speed	12/30/45KM/h
N.W./G.W.	18/23kgs
Rated Load	100 kgs
Carton size	1220x270x640mm

Vehicle structure

Take 20 inch brushless HUB motor for example (3 SPEED)



- 1.Front Wheel 2. Front Tire 3.Front Fork 4.Stem 5.Frame 6.Seat Saddle 7.Seat Post 8.Rear Tire
9.Rear Wheel 10.Side Cover 11.Controller 12.Battery 13.Seat Post Release 14.Throttle Grip 15.Handlebar
16.Left Brake System 17.Left Grip 18.Speed Button 19.Power Switch 20.LED Speed Display 21.Braking Cable

22.Right Brake System 23. Front Disc Plate 24.Front Brake Calliper 25.Rear Disc Brake Bracket
26. Rear Brake Calliper 27. Rear Brake Plate Guard

Electric Balance Bike Assembly

1.Please take out the Electric balance bike from carton, remove the packing and fix the handlebar on the stem tightly with a hex wrench.



2. installation requirements:

2.1 Handlebar needs to be symmetrical



2.2 Correct the horizontal angle, the brake level is about 45° horizontally

2.3 install the front wheel and tighten the screws.



How to use

1. Please wear personal protective equipment, helmet, protective glass, sneaker, glove, elbow pad, knee pad etc.
2. Throttle/Display instruction



- 2-1) Press power switch button, battery indicator light is on;
Press power switch button, battery indicator light is off;
- 2-2). Use the hand to twist throttle control the power

2-3). In order to protect the safety of children, after the power switch is turned on, the display shows that the power is on.

3. Speed switch instructions

In order to protect beginners kids control bike speed and prevent the riding speed from being too fast the Bike has three speed settings:

Low: Bike speed is 12KM/h.

Middle: Bike speed is 30KM/h.

High: Bike speed is 45KM/h.

The figure below shows 3 speed settings:

1. first tighten the brake



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Please physically check the speed mode is correct by operating the Bike before letting the child ride the Bike.

7. Start-up process: sit, push, push the throttle, brake, practice (Please wear personal protective equipment in the open air or safe place under the supervision of an adult)

Unpowered training:

7.1. Turn off the power.

7.2. Adjust the seat cushion position according to the height of the rider.

7.3. Use your feet on the ground to promote learning and balance.

7.4. Practice gliding and practice to control the turn.

7.5. Use the brakes to safely stop while maintaining balance.

Electric mode:

7.6. Turn on the power switch.

7.7. Turn the display to normal.

7.8. Place your feet on the ground, let the rider slowly move forward and practice twisting the throttle and slowly accelerate.

7.9. Let the rider practice opening and closing the throttle and safely control the brake to stop.

7.10. When the rider is skillful in controlling the throttle and brake skills, place your feet on the pedals.

7.11. Please keep a safe distance between the rider and the obstacles. Pay attention to avoiding pedestrians and pay attention to controlling the speed.

7.12 Pay attention to the Bike and then turn off the power before you can get off.

Daily maintenance

1. Chain Tension: Loosen axle nuts and the bolt that holds the rear drum brake to the frame. Turn the chain adjuster nut on each side of the bike to adjust the chain. If you are just taking some slack from the chain ensure you turn the nut the same amount on both sides of the axle to ensure the front and rear sprocket stay aligned. After adjusted tighten axle nuts whilst holding the chain tight. Tighten the rear drum brake bolt.

2. After riding the Bike for a period of time, if there is a wheel lock or wobble, please fine-tune the wheel lock nut



Or fine-tune the brake nut on braking lever.



fine-tune the brake nut



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3. Charging battery: Please remove the battery, plug the charger DC head into charging port and then fit the plug to the power supply.



36V 5.0AH



36V 10.0AH



Charger safety information

Input: 100-240VAC, 50/60Hz, 0.5A

Output: 29.4V /42V, 1500MA/2000MA/3000MA

- Keep the charger dry at all time
- For your own safety never use this device with wet or damp hands due to the possibility of electrocution
- Only use a soft clean dry cloth to clean the surface of this plug. Do not use water or chemicals to clean
- Do not drop or knock the charger, this may result in damage. Rough handling can break the internal circuit boards and mechanics.
- Keep away from dust, extreme humidity and direct sunlight
- Keep away from fire.
- Never attempt to dismantle parts of this device.
- Never leave chargers unattended for long periods of time
- Dispose of this product safely!
- All products are tested comprehensively to ensure quality. If heat discoloration or transformation are found during usage or storage stop use immediately and contact dealer
- Only use the genuine charger that has been supplied with the bike! Never use a different charger! If you need a replacement charger please contact bike manufacturer or an authorized dealer.

4. Adjusting the saddle height: The seat post is prohibited from exceeding the security line.





5. Lubrication is an important part of the maintenance of electric Balance bike. The front axle, rear axle, and sprocket should be greased every six months.

Maintenance Item	Maintenance cycle	Tools and Remark
Head set parts	One year	Grease
Front and rear axles	One year	Grease
Chain	Six months	Lubricating oil
battery	Two months	Recharge the battery every two months if the bike is not used.
Tyre pressure	One month	The tires should be inflated if the air pressure is low

5.1. Do not drain the battery completely every time. Please charge the battery when the display shows red light, which can increase the cycle life of the battery,

5.2 Please clean the bike regularly, to ensure the safety riding of children and also to keep the bike in the best state.

5.3 Please always check the performance of the brakes and ensure it's good.



5.4 After each riding, please charge the battery to keep it in the best condition,

5.5 The front and rear wheels should adjust the lock nut regularly to prevent the wheels from locking or wobbling.

Warranty Information

Bike limited warranty

The manufacturer warranties this product to be free of manufacturing defects for a period of 6 months from the date of purchase! This limited warranty does not cover normal wear and tear parts, bearings, tires, tubes, chains, sprockets, cables or any damage, failure or loss caused by improper assembly, maintenance, storage or use of the product.

This limited warranty will be void if this product is ever:

- Used in a manner other than for recreation and transportation.

- Modified in anyway.

- Rented.

Our warranty is a parts only warranty! If the Bike needs to be repaired by us or authorized dealer the Bike needs to be returned to base/place of purchase at the customers cost.

This advised to keep your original box and packaging throughout your bikes warranty period in case the bike needs to be returned to base.



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Manufacturer does not offer an extended warranty. If you have purchased an extended warranty it must be honored by the company who the product was purchased from.

For your records save your original sales receipt with this manual

www.dualways.com

The manufacturer reserves the right to make changes to the product
And update this manual at any time