

Read the instructions carefully before you use Cxinwalk electric balance wheel and make sure you follow the right procedures while using it.

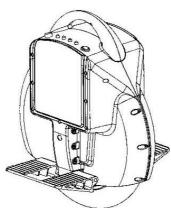
Packing box: Cxinwalk electric balance wheel

battery charger
The inflation mouth
usage manual
warranty card
Certificate of Quality
learning band
Training wheels

Catalogue:

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2.Safety
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1, synopsis of Cxinwalk electric balance wheel



Cxinwalk electric balance wheel is the latest high-tech means of transport adopting aerospace attitude control theory, fuzzy algorithm, and gyroscope system to achieve balance by forward and backward leaning. Users can control the vehicle to go forward, accelerate, decelerate, brake or others, by inclining forward or leaning backwards. The left and right balance is similar to the technique of riding a bicycle – achieved through slightly slanting left or right.

Cxinwalk electric balance wheel features as a green product that can be easily carried around on bus or subway, making it a helpful tool in commuting. It is light and small enough to put in your backpack, it is easy to ride, it is your life partner. You may just need one hour to learn how to control and ride it, one day to fall in love with it, enjoying your wheel! Riding it through square and mall, breezing around street and metro, catching people's eyes and jealousy, how fantabulous thing can you image in your life.

2. Safety

Any traveling devices exit potential risks, Cxinwalk electric balance wheel is not exceptional. So you must read this all safety issues carefully, and be cautious whenever you riding a Cxinwalk electric balance wheel.

Importance:

- 1) Do not accelerate and decelerate Cxinwalk electric balance wheel rapidly, do not over forward or backward your body, do not be speeding.
- 2) If there is a fall risk, please protect your safety first, don't mind the unicycle.

Cautions:

- 1) Please wear helmet, gauntlets, elbow and knee pads before riding
- 2) Do not riding on the roads or place with many cars and people.
- 3) Do not riding on the uneven road surface, such as dirt roads, stony roads.
- 4) Do not riding on the wet and slippery surface road, especially the frozen snow surface.
- 5) Do not riding on the ramps which angles more than 15°
- 6) Children under age 15 are not suggested to learn and ride the unicycle.
- 7) Do not riding in cold winter.

When you ride the unicycle, there may be exit any other unforeseen sudden dangers, so please be care for at any time. Any hurts and loose caused because not follow product usage manual, we don't undertake any responsibilities.

3.Specification			
Item	Specification	Content of parameter	illustration
Products property	Maximum speed	Approach 18km/h	
	Endurance	15-18 km	Up to operator's weight and the road environment
	Maximum uphill angle	15°	For the 60kg person, it can reach 18°
	Battery	132 Wh lithium battery (can be cycling charged 1800 times, can be replaced)	Japanese battery lithium battery
	Suitable temperature	-10°C-40°C	10°below zero-40° (The most suitable temperature: 10°-30°)
	Maximum load	120kg	
	Voltage of charging	AC 100 ~ 240V 50 ~ 60Hz	
appearance and weight	Charging time	60 minutes	60 minutes (60minutes can be filled 80%, 90minutes can be filled 100%)
	size	K2-456 x 395mm K6-480 x 450mm	Maximum thickness:180mm, Minimum thickness:70mm
	Pedal distance to ground	112mm	
	Tire size	K2-360mm K6-420mm	
Protective measures	Car body weight	K2-10kg K6-11.5kg	no the training wheels
	Tilt protection	45°	start when car tilt more than 45° of each side (when the car tilt more than 45°, the motor will stop working)
	Speed limit protection	Start when speed up to 14km/h	the front of foot pedal will rise up slowly with acceleration
Information prompt	Low power protection	Start when power lower than 10%	the front of foot pedal will come down, slowly with deceleration
	power & error	power switch LED	turn on-green/protection-red
	quantity of electricity	battery indicator LED	less than 25%,red LED Alternate, less than 10%,red LED constantly
	Sound alert	buzzle	turn on,The buzz will alarm, low power,buzzle
Accessory	Sound alert	buzzle	Tilt protection
	standard configuration	Batterycharger and learning band Training wheels, Pump	

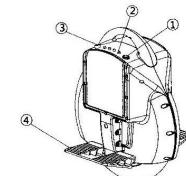
4.Usage instruction

1.) Main functional parts instructions

i) Switch(LED indicator)

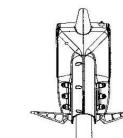
ii)Charging port

iii)Foot platform (Can be up fold)



2) Start

Set the Cxinwalk electric balance wheel on the ground uprightly, turn on the switch, the switch indicator and power level indicator light will be green, the buzzer will alarm, then you can ride it. When you turn on switch, the Cxinwalk electric balance wheel is tipped forward or backward, do not ride until it adjusts to upright automatically.



3) Power level indicators

i) Constant green and green

Constant green indicates circuit is normal to be used, power is full to be used.
constant green indicates circuit is normal to be used.

ii) Constant red and flashed red

Constant red indicates circuit is not normal to be used, power is lower than 25%, should be charged.

iii) Flashed red indicates that there are problem with Cxinwalk electric balance wheel, power is lower than 10%, should stop and turn off electricity at once, must be charged.

4) Speed limited protection

To avoid all hazard caused by too fast, Cxinwalk electric balance wheel set its top speed. When you approach speed of 12km/h, the front of foot pedal will rise up slowly with acceleration. And when you approach speed up to 16km/h, this raise up angle will up to 10°, you can't acceleration by forward your

Service Manual Of Electric Balance Wheel

body any more. Then the foot plat form will reduce its angle as deceleration.

Attention: To avoid injured by falling down, when Cxinwalk electric balance wheel has approached its maximum speed, do not accelerate by forward.

5) Tilt protection

The built in control system of Cxinwalk electric balance wheel will start tilt protection to avoid users injured When it tilt more than 45°, it falls down to the ground, at the same time, the motor will stop at once. The buzz will alarm, the led light on the top of Cxinwalk electric balance wheel will flash all the time. To stop this protection, you just need to turn off the power and turn on it again.

6) Charge the battery

Plug one end of the power cord into the Cxinwalk electric balance wheel first, then plug the other end into a grounded AC outlet, or the charge will not work. This action can avoid the potential risk, assure charging much safer.

We equip a large power charger, normally, it can be full charged within 1.5 hours, 80% within 60 minutes. The red light indicates it is charging. When the red light turns green indicates charging is completely.

If not be used emergency, please do not stop charging before it is completed. As the battery's protect plate will balance the voltage at the end of charging.

7) Water-Proof

Even the Cxinwalk electric balance wheel has the waterproof of IP56, it can be driven in rain for short time, but do not put into water or drive it in rain for a long time, it can be used in the water less than 10 cm of depth.

Do not clean Cxinwalk electric balance wheel by running water directly, it may damage the electrical elements and circuits in it.

5. Maintenance

1)storage

Keep your Cxinwalk electric balance wheel away from a moisture place.

If your Cxinwalk electric balance wheel is not used for an extended length of time, you should recharge the battery (charge it to 70%) at least once every sixty (60) days to keep it from draining completely.

2) Inflate the tire

As limited space, you can not inflate Cxinwalk electric balance wheel's tire with a common pump, you must use an extended nozzle to inflate.

3) Change the tire

When the tire need to be maintained or changed, open the side case which without any LED light to operate.

First, unscrew all 14 screws around the outside of the case with a cross screwdriver, then unscrew the 6 screws on the side case which without LED light. At this step, you can open the top half of the case gently. There are connecting wires between the two half cases. Be careful not to stretch these wires. You can now change the tire or the inner tube.

Note:

1) Finished maintenances, there may be a instant ignition occurred when electric plug connected, it 's normal, don't worry.

2) To avoid damaging the inside electricity cycles, do not open the case which with LED light, or we will not provide maintenances for free.

6. Warranty Terms

Please keep warranty card and receipt as proof of purchase.

All damages and fault caused by materials and Cxinwalk electric balance wheel's quality, we will provide after service as follows:

1) The Cxinwalk electric balance wheel(except battery and consumables) will remain serviceable for a period of one year after the date of purchase.

2) Battery will be guaranteed for half a year since the date of purchase, inside tyre and out tyre are consumables, will be guaranteed for one month since the date of purchase.

Exclusions from warranty coverage

1) Damages caused by improper operation, maintenance and adjustment of customer which are not suggested in our service manual.

2) Damages caused private modify, dismantle and wrong operations not follow manual of customer.

3) Damages caused by improper storage and accidents of customer.

4) No warranty card, invoice or invoice and warranty card do not assort with the product.

5) Appearance breaks of usage

6) Easy - damaged parts excluded in the usage manual.

7) Damages caused by driving in the rain or by in water for long time

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Hereby, Shenzhen Soloway Technology Co., Ltd., declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.