

Electric Skateboard D3

User Manual

Preface

Thank you for using our product. In order to experience our product easily, we provide you with a detailed Manual Instruction for your better understanding of the product and usage. Before using this product, please read the Manual carefully so that you can use it in a correct way. We apologize for any mistakes or incorrect interpretations and this Manual is subject to change without further notice.

I. Overview

The remote control electric skateboard is another new product of skateboarding sport in addition to the traditional skateboard. It features not just energy saving, but also quick charging and long battery life. With an attractive appearance, convenient operation and safer driving, it is absolutely an excellent choice and fun for those who pursue for a convenient and interesting way of life.

The remote control electric skateboard is attractive and at reasonable price while saving energy, and can run over 30 kilometers at one time after charging for 2 hours, with the max speed reaching as high as 30KM/H. It is very suitable for the users aged over 14. Different from the skateboard, it is more convenient and safer in use, so it has been popular abroad for years. It starts to be sold domestically in recent years, and it is believed it will also be a fashion trend and trigger a tide of energy conservation in the near future. Despite that with the rapid progress and development of the technologies, the electric skateboard in a real sense was not born until the 21st century, which is now becoming one of the untraditional transportation tools.

It is easy to use, good in look, and controlled wirelessly and intelligently. Users will find it easy to keep balance even when standing on it with two legs.

II. Structure Diagram

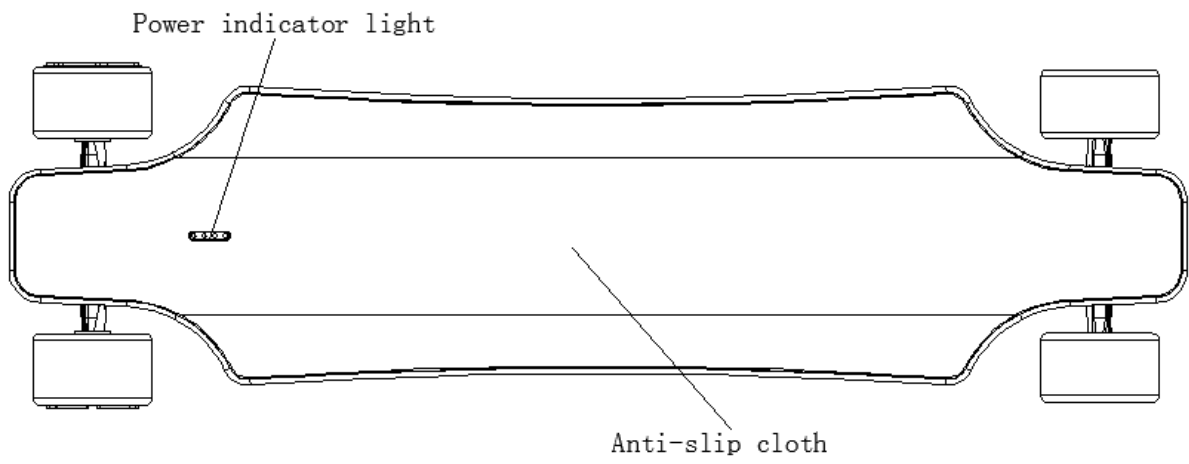
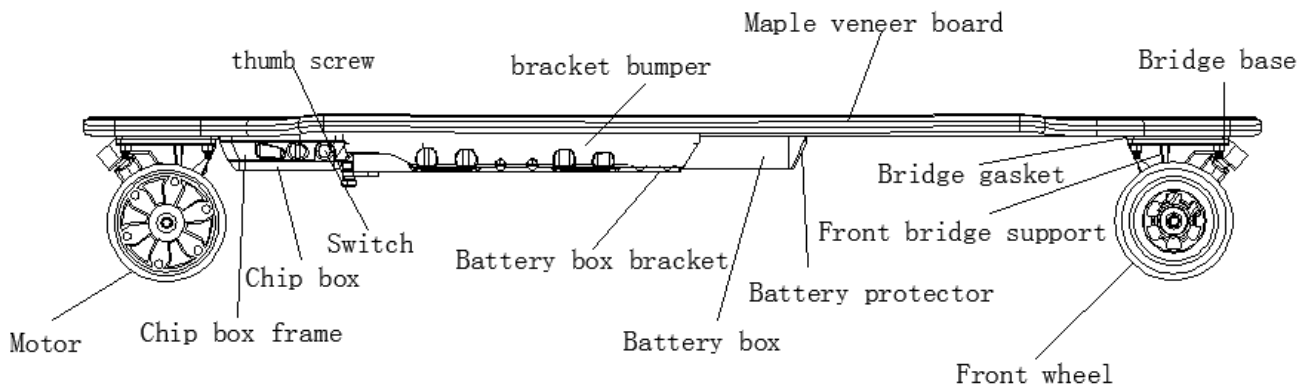


Diagram of remote control electric skateboard

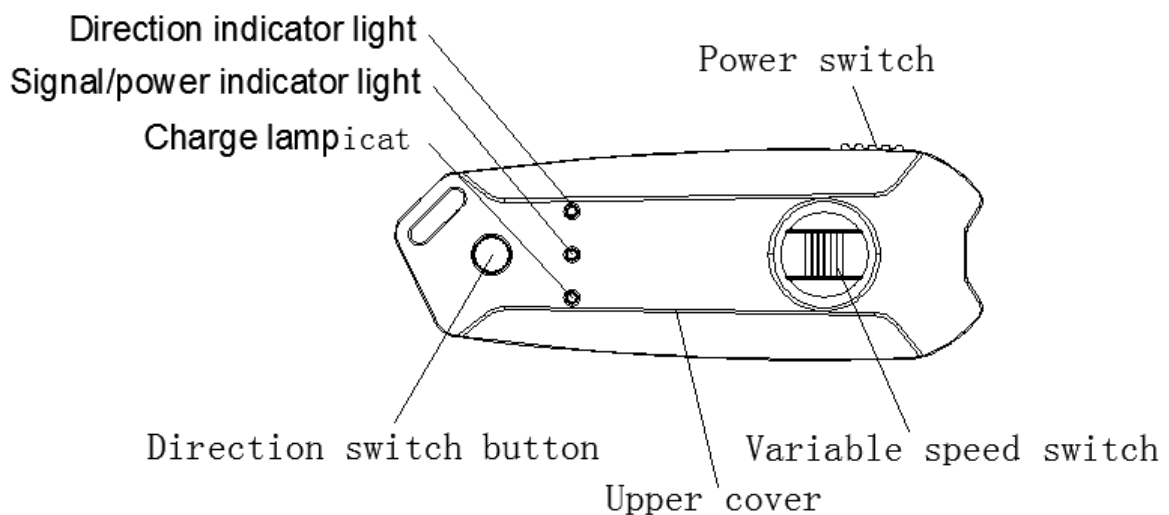
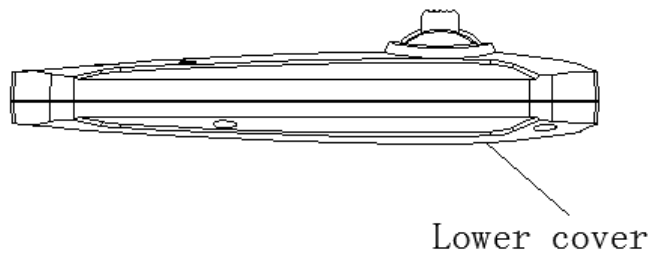
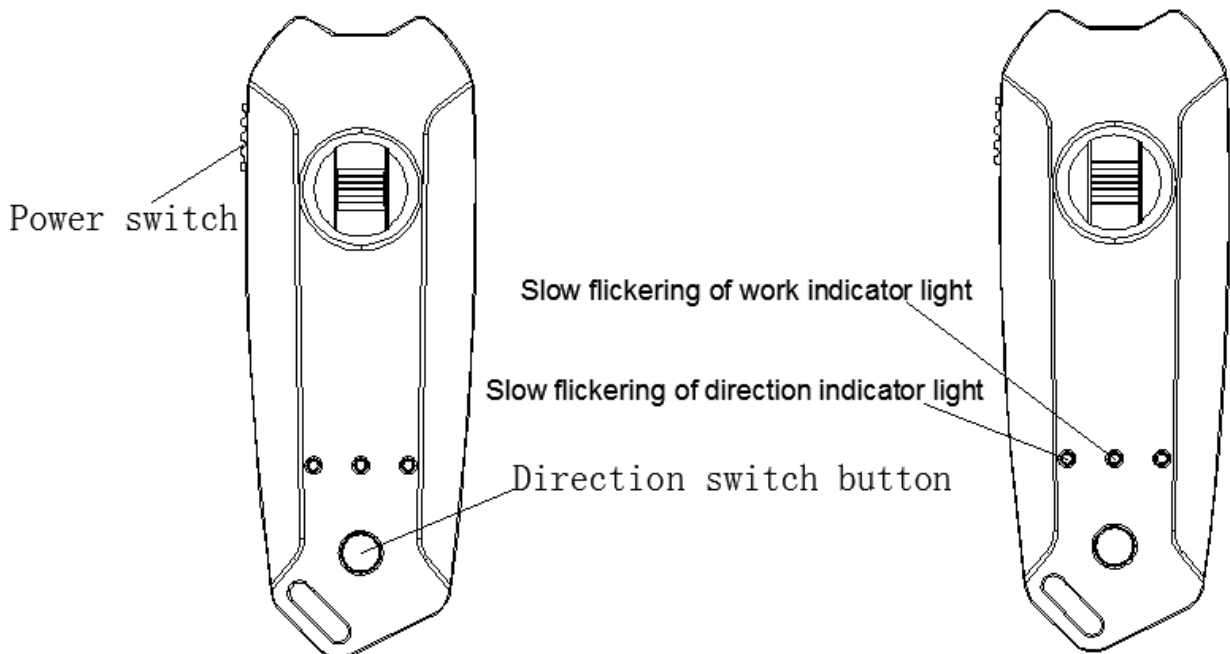


Diagram of remote controller

III. Instruction for Use

1. Code connection for remote control:

Before starting up the product, connect the remote control and the skateboard in the way of code connection. Each product is connected before delivery. Hereby we explain the way for the connection.



Operating Steps:

Step 1: Press and hold the direction switch button and switch on the power of remote control. The signal indicator light and switch indicator light will flicker slowly at the same time.

Step 2: After that, press and hold the power switch of the electric skateboard for 3 seconds until both the signal indicator light and switch indicator light flicker quickly, then, release the switch.

Step 3: Re-start the skateboard and remote control to complete the connection.

Step 4: Remote control 10 minutes does not use will automatically shut down.

2. Colors of the remote control indicator lights

2.1 Charge lamp: red light is on

2.2 Signal indicator light: blue or red light will be on when the signal is connected.

2.3 Remote control battery indicator light: blue light means high battery level while red light means low battery level.

2.4 Direction switch indicator light: red light is on.

3. Use Method

3.1 Operating steps:

Step 1: Mount the battery correctly. Connect the battery base with skateboard base firmly by thumb screw.

Step 2: Start it up to check if the remote control is well connected with the skateboard by signal. The middle signal indicator light will flicker if successfully connected. If the signal does not flicker fast, please reconnect the remote control with the skateboard according to

the code.

Step 3: Operations of the speed button of remote control. Push the pole forward to speed up the skateboard while pull it to brake. To switch, press the direction switch button. It means the skateboard moving direction is changed when the red direction switch indicator light is on.

Step 4: The battery level indicator has four grids, representing 100%, 75%, 50% and 20% of battery respectively. When there is only one grid, it means the skateboard is in low battery level and needs charging or replacement of batteries.

3.2 Charging method:

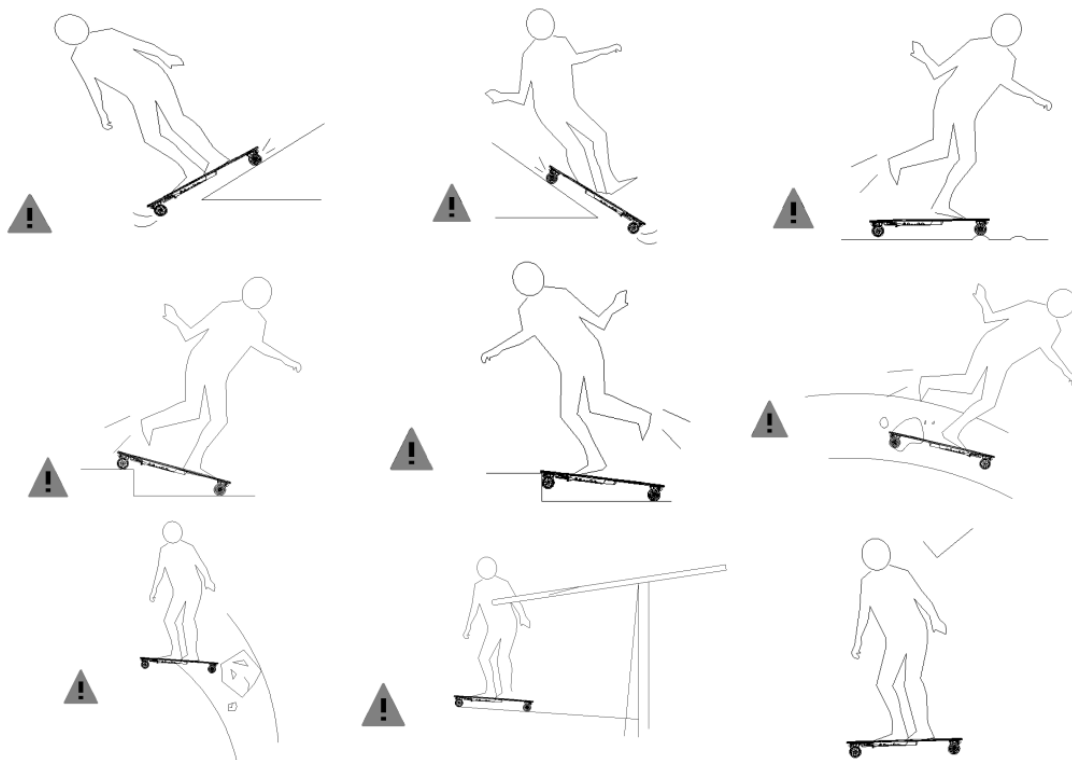
3.2.1 Please use the supporting adaptor in case of charging and insert the DC plug directly into the battery charging port. The red light will be on during charging and the green light will be on after it is fully charged.

3.2.2 The battery should be fully charged once monthly if it is not used for a long time.

Step 5: Electric Skateboard 10 minutes does not use will automatically shut down.

IV. Notice on Safety Use

1. Please pay attention to the safety notices when you're going uphill or downhill, climbing stair, or meeting barriers, as shown in the figure:



2. The electric skateboard should be used in a safe place rather than on road or in any insecure places.

3. Make sure to use safety products like sports shoes, safety helmet, wrist support, etc.

4. Please do not use at night with poor sight.

5. Please make sure every screw and nut is in good condition before use.

6. Please change wheels after using for a long time so as to prevent brake failure due to worn wheels.

7. Please form the habit of frequent charging to keep the battery sufficiently charged.
8. Please fully charge the battery once monthly if it is not used for a long time.
9. Please charge the battery at a cool and ventilated place away from high temperature or humidity with supporting charger. Keep the charger away from water to avoid electric shock.
10. Make sure to keep the charging socket away from water to avoid short circuit. Do not wash the motor with water to prevent fault of the skateboard.

V. Basic Parameters of Electric Skateboard

Photo	Body	N.W.	8KG	
		Dimension	920*253.5*126MM	
		Battery life	20KM	
		Maximum climbing ability	25°	
		Maximum load capacity	130KG	
		Temperature range	0°C-40°C	
	Surface	Material	7 layers of maple veneer + 1 layer of glass fiber (optional)	
	Battery	Battery capacity	36V--4.3Ah	
		Type	20 18650 high rate lithium batteries	
		Weight	1.7KG	
		Charging time	2H	
	Wheel	Material	PU	
		Size	90*52MM	
		Hardness	85A (optional)	
	Remote control	Type	2.4 digital remote control	
		Battery capacity	300MAH	
		Type of battery	Special lithium battery	
		Charging time	30 minutes	
	Charger	Input	AC110V—240V	
		Output	DC42V2A	
		Charging time	2H (high-current output 2000MA)	
		Temperature range	0°C-40°C	
		Model	AOI-08420200DD1	

VI. Working Principle

The skateboard is driven by two-wheel high speed motors, directed by Power Bridge, and powered by high rate battery pack. Upgraded sine wave is adopted for the control system for realizing more stable power system.

VII. Accessories

1. Helmet

Head is the most important part of human, so it is very important to protect head during the

use. A helmet of high quality can protect you from major injuries.

2. Gloves

The gloves used for skateboarding are varied in size and appearances. Some people even use motorcycle gloves or gardening gloves instead. There is no specific standard for the skateboarding gloves, so you can choose appropriate gloves fitting your size.

3. Kneecap and wrist support

Kneecap and wrist support can protect you from the harms to your joints. We recommend the plastic kneecap of light weight.

4. Protective shoes

Generally, most of the sports shoes are suitable for the skateboarding. Do not wear slippers or high-heel shoes to use the skateboard and the shoes must be fitting in your size.

VIII. Daily Maintenance

8.1 First of all, the wheels which are so important to the skateboard should be inspected and maintained regularly. The components of the wheel in particular should be confirmed for its firmness from time to time by shaking the wheel in the axial direction by hand. In order to ensure the safety use, we should also inspect the screw tightness and pay a strict attention to the wear degree of the wheels so as to ensure the firmness and a good effect in the use.

8.2 Keep the skateboard in the dry and ventilated place instead of the places of humidity or poor ventilation which may cause troubles in the main control board and battery after a long time.

8.3 There are many ways of charging the skateboard, but do not change charger without confidence. Changing into other chargers may not only reduce the safety of the product but also the battery service life. Do not put the battery in the temperature of over 60°C and make sure to charge it 2-3 times a month when it is not used for a long time. Please charge it to its full for the first time because the battery discharges slowly during the transportation when it is not used. Please keep the use environment clean and dry and stop charging if the charging port is wet. Please charge the skateboard as required, otherwise it may damage the battery or shrink its service time.

8.4 discarded, discarded treatment

When it reaches the retirement standard or discard for the scooter or battery, it should be recycled after sorted according to regional regulations and standards

IX. Notice

9.1 Please use original parts for the skateboard, otherwise it may cause danger.

9.2 Please select the skateboard with good brake and know well the brake.

9.3 Please lubricate the axial regularly to reduce the resistance.

9.4 The beginner should use it in road of tender slope before trying a steep one.

9.5 Do not use it on the wet or uneven road.



- Risk of fire.
- No User Serviceable Parts.
- Use only the specified charger.

- When not riding, stored in the house, to avoid exposure to UV and water
- The user must read the manual to reduce the risk of injury.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: 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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement (within 20cm distance in actual use between the device and user)

X. After-sales Service

10.1 Main Parts for 6 months. The warranty period from the date of purchase (whichever is the date of the Formal proof);

10.2 Warranty and maintenance outside the scope of maintenance services only charge maintenance costs;

10.3 Do not belong to the case of free warranty

A) The product or component has exceeded the warranty period;

B) failure operate according to the instruction manual, caused by failure trying or damage;

C) For the damages caused by mal-operations or due to human error and or natural disasters ,does not belong to the scope of warranty;

D) For Damages caused by removing any part (such as: wire lies, parts) , by rider-self,does not belong to the scope of warranty;

10.4 After-sales service website: www.koowheel.com