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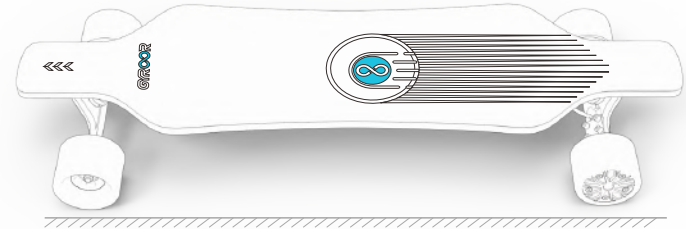


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**R1**

Electric Skateboard



**USER MANUAL**



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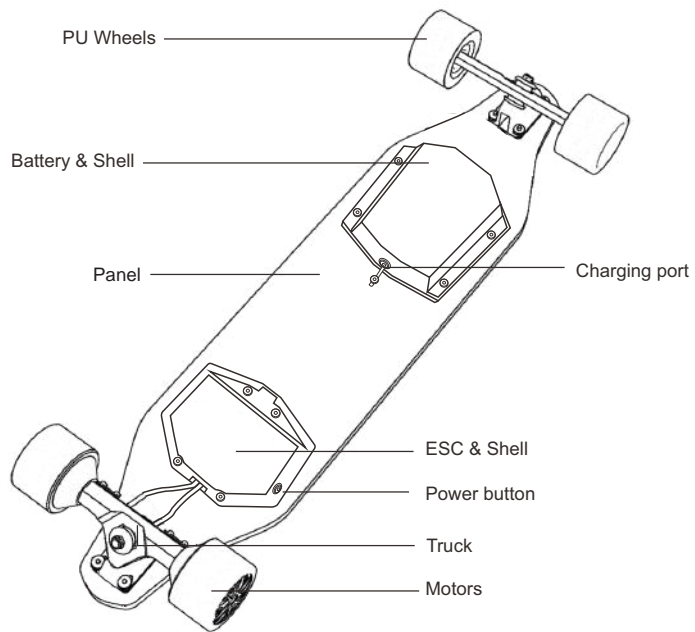
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*Thanks for choosing our product.  
Have fun with this electric skateboard.*

## Contents

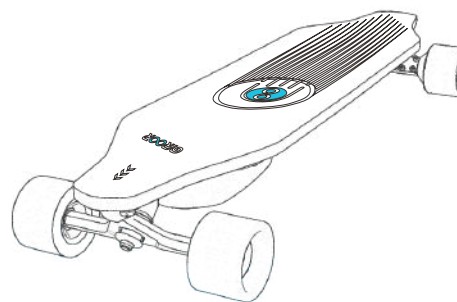
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## 1. Configuration & Packing Listing



R1 Electric Skateboard package includes the following parts in the box. Please check it after unboxing. **And we recommend keeping the original packaging for 30 days at least.**

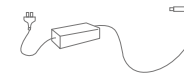
### Accessories



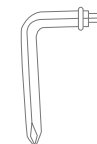
E-Skateboard(1)



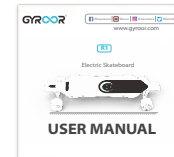
Remote Control(1)



Skateboard Charger(1)



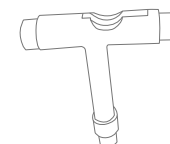
Hex Wrench(1)



User Manual(1)



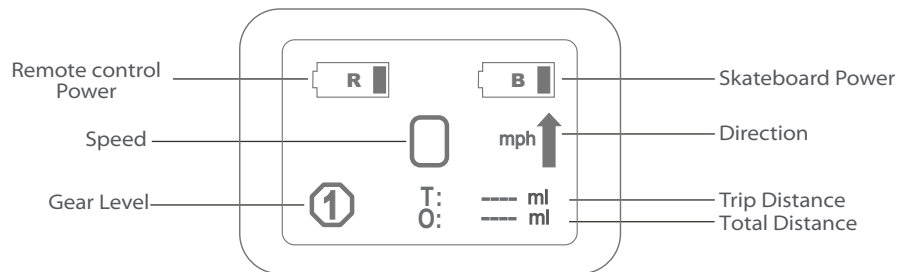
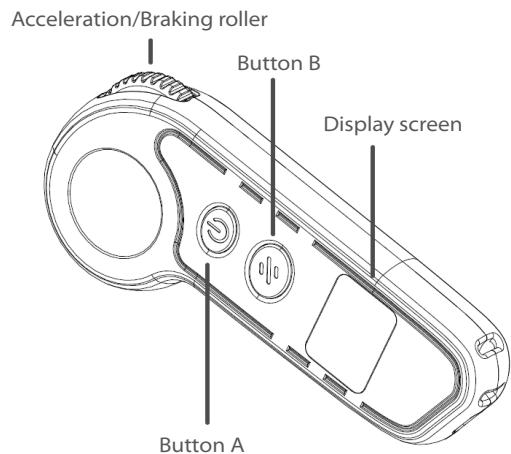
USB Cable(1)



T-Tool(M10/M8/M5)(1)

Any lack or loss, please do not feel hesitate to contact our email at [help @ gyroor.com](mailto:help@gyroor.com)

## 2.How to Operate



### 1) Power on



For remote control: Press "button A" on the remote control for 3 seconds to power on. The remote control will vibrate shortly and enter the pairing mode.

For skateboard: Click on the power button on the side of the ESC & Shell once to enter the pairing mode.

**Note:** In pairing mode, the remote control screen displays a "disconnect" hint, and the indicator light of the skateboard flashes red.

### 2) Power off

#### Manual off

For remote control: Press "button A" for 3 seconds to power off (It can be power off onl when the speed is 0 Mph) , and the remote control vibrates shortly when power off.  
For skateboard: Press the power button for 2 seconds to power off.

**Note:** If the skateboard is powered off, but the remote control is not powered off, and in the state of connection, the screen of the remote control displays "disconnect", and the remote control vibrates shortly to remind.

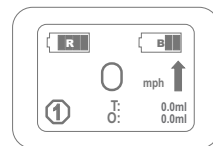
If the remote control powers off in the state of connection, the skateboard will start to brake slowly and power off after 5 minutes of standstill.

#### Automatical off

The remote control and skateboard will automatically power off if the skateboard is at rest and both of them are not operated within 5 minutes.

**Note:** The remote control will vibrate shortly as a reminder at this moment.

### 3) Pairing(Have been paired when leaving the factory)



Power them on separately according to the "Power on" operation.

#### Pairing successfully:

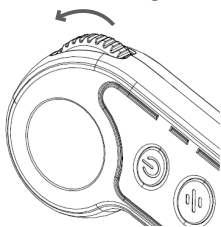
Both of them enter the pairing mode, and the system will pairing automatically without any operation.

**Note:** The normal state after the connection is that the screen displays the main page, and the indicator light of the skateboard is on constantly.

### 3. Basic function switching

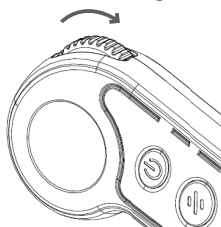
#### 1) Acceleration/Braking control

Acceleration/braking roller



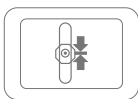
Push up the "Acceleration/Braking roller" to control acceleration.

Acceleration/braking roller



Pull it down to control the brake.

**Note:** Ensure the acceleration/braking roller is in a neutral position before power on, or else it will affect the user experience.



When powering on the remote control, if the acceleration/braking roller does not return to a neutral position, the screen will remind you to return it. Please check and follow the instructions.

#### 2) Switch speed unit



Make sure that the skateboard and remote control are powered off.

(1) Press the power button of the skateboard for 5 seconds until the indicator light flashes red quickly.

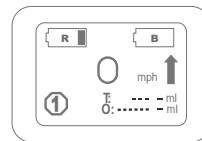
(2) Press the "button A" on the remote control for 5 seconds until "REMOTE PAIRED Ok" appears on the screen, and switch to the "UNIT SYSTEM" page quickly (the skateboard indicator flashes red).

(3) The unit is switched by sliding the acceleration/braking roller up and down.

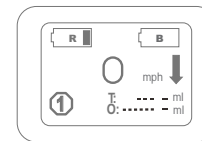
(4) Click the "A button" to confirm, and the screen will switch to the main page (the skateboard indicator light is on constantly).

**Note:** The system will update to the last used speed unit automatically. So if you don't need to switch, you can pair them quickly by "clicking the power button of the skateboard once" + "pressing the button A of the remote control for 3 seconds".

#### 3) Switch direction of skateboard



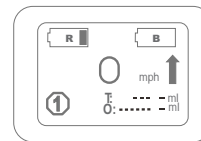
In the state of forwarding, double click "Button B", the remote control will short vibrate once, the direction icon changes to "Backward arrow".



In the state of backward, double click "Button B", the remote control will short vibrate once, the direction icon changes to "Forward arrow".

**Note:** This operation is valid when the acceleration/brake roller is in the neutral position and the speed is 0.

#### 4) Switch gear



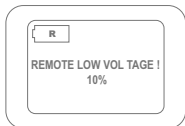
Short press "button B", the remote control switches to the next gear with a short vibration. The gear icon will change accordingly. (First gear: 12Mph; Second gear: 18Mph; Third gear: 23Mph)

**Note:** This operation is valid when the acceleration/brake roller is in the neutral position.

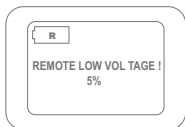
## 4. Battery indicator

### 1) The battery indicator of the remote control

There is five grid power.



After power is on, if the remote control battery is less than 10%(You can use it for 30 minutes at most), the remote control screen indicates that the power is less than 10% with a long double vibration.



When the battery is only 5%(You can use it for 15 minutes), the remote control reminds the battery is less than 5% again with a long double vibration.

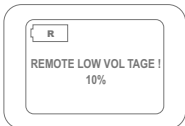
**Note:** When the battery is lower than the safe voltage(3.4V) and connected with the skateboard, if the skateboard stops, it vibrates once and powers off automatically.

### 2) The battery indicator of the skateboard

There is five grid power.



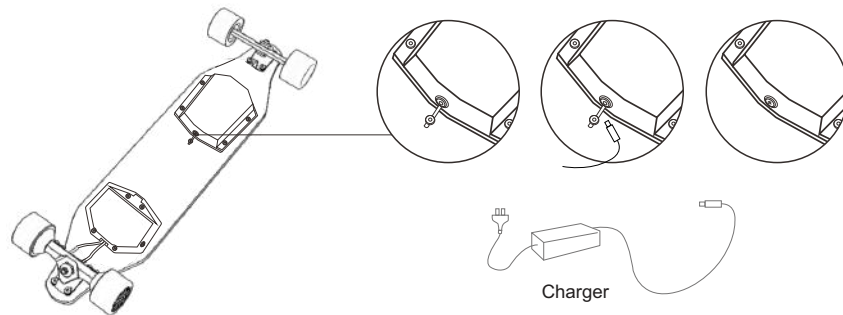
When the skateboard battery is lower than 25%, the remote control screen indicates the battery is lower than 25%, with a long double vibration.



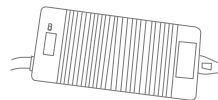
When the skateboard battery is lower than 10%, the remote control screen indicates the battery is lower than 10%, with a long double vibration.

**Note:** When the voltage is lower than the safe voltage, the system will close the power output automatically. Please brake immediately at this time.

## 5. Charging Skateboard



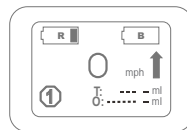
### 1) Charging the skateboard



After power off, the skateboard enters into a charging state automatically if it connects to the charger. The indicator light on the charger is red, which means it is charging, and green means it is fully charged.

**Note:** If the skateboard is connected to the remote control when charging, for safety and to extend battery life, please do not use the skateboard/remote control and disconnect it.

### 2) Charging remote control

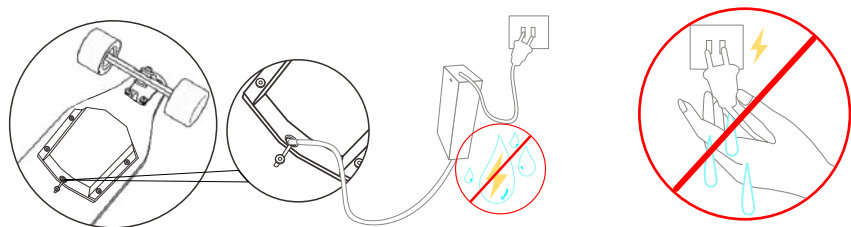


When charging the remote control, it vibrates short. The remote control screen displays the charging progress in real-time in the form of flowing water lightly.

**Note:** You cannot operate the remote control while charging it. It will automatically power off after unplugging the charger and short vibrate once.

## 6. Safety Tips for Charging

1. Before first use, please charge it for 5 hours at least in the proper temperature and environment.
2. To extend the battery life to the utmost, please charge it once two days after riding (If you do not use it for a long time, please charge it once a month).
3. The battery will be damaged without timely charging. As time goes by, the battery capacity will gradually go out, leading to battery over-discharge.
4. Please use the battery, charger and cable provided by the original manufacturer, avoiding dangers caused by battery overcharge.
5. Please ensure the correct connection of charger and cable in a well-ventilated environment.
6. Please use it under dry conditions. The charger or cable must not come into contact with water, for it may result in an electric shock. No touching charger or cable with wet hands.
7. If there is any failure during charging, please pull the plug off immediately.
8. Please make sure to unplug from the plug end, not from the cable.
9. Please do not make the charger or cable come in with sharp or hot articles.
10. Please make regular checks with the charger and its cable to avoid an emergency.
11. If there is obvious damage to the charger or cable, please do not use the charger anymore, and contact us for exchange.
12. Please do not repair the battery, charger or cable personally.
13. If there is any question during charging, please feel totally free to contact us.



No wet occasions!

No wet hands!

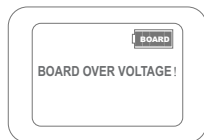
## 7. Safety Recommendations

- 1) Please wear all protective gear and helmets when practicing to avoid any accidents. In addition, when you use it daily, please take corresponding protective measures, which is very important!
- 2) Electric Skateboard - it is only a device for entertainment, not a vehicle. But once you are riding to the public area, the E-Skateboard brings certain risks for your safety. Therefore, please ensure you have sufficient control ability and rich skateboarding experience before riding for your safety and others.
- 3) Please check the relevant traffic rules of your country before riding, ensure that E-Skateboard can be driven on public roads, and keep abreast of the latest road rules.
- 4) You should understand that you must comply with all safety recommendations if you ride the E-Skateboard in a public place. In addition, you must know that even if you follow entirely, you may be at risk caused by illegal driving/improper operation of others or vehicles. Just like when you walk or ride a bicycle, you can also be injured by other vehicles.
- 5) As in other types of vehicles, the higher the speed of the E-Skateboard, the greater the braking distance. So we strongly recommend that you don't speed up at will. On some smooth roads, emergency braking may cause skidding of the E-Skateboard, loss of balance, and even fall. Therefore, during riding of E-Skateboard, you need to be vigilant, adhere to an appropriate speed, keep a safe distance from pedestrians or with other vehicles. Riding on unfamiliar terrain, keep vigilance and proper speed.
- 6) While riding the E-Skateboard, respect the rights of pedestrians. Do not scare them, especially children. Before you pass the pedestrians, Please keep the speed under 4 Mph and avoid them. If you move in the same direction as pedestrians, keep to the left side as much as possible (right side for right-hand traffic countries). If you are moving in the opposite direction, stick to the right and slow down.
- 7) Please strictly follow your country road rules to driving and strictly abide by rules set out in the instructions and safety recommendations. Violation of the above rules may result in financial expenses, personal injury, the occurrence of traffic accidents, legal disputes, conflict, and other unpleasant situations. Our company does not bear any direct or joint liability.
- 8) To avoid personal injury, do not loan E-Skateboard to others who do not know how to drive. Before you transfer your E-Skateboard to friends, please let him (her) spend training and teach he (her) must be wearing the proper safety gear.
- 9) Please do scrutinize the E-Skateboard before each use. If you find all kinds of abnormal symptoms (such as damaged parts, decreasing battery life, PU wheels wear excessively, uncharacteristic sounds when turning, etc). Please stop using the e-Scooter immediately. Don't ride it reluctantly.

## 8.Malfunction Warning Instruction

### 1) Overcharge (when going downhill with a fully charged battery)

In principle, going downhill with a fully charged battery is prohibited because the battery will be charged when braking during the going-downhill process. Going downhill with a fully charged can shorten the service life of the board battery or even cause accidents like an explosion or a fire! So the user needs to consume some power before going downhill!



If some user violates the rule and goes downhill with a fully charged battery, the remote will vibrate, and The screen prompts "BOARD OVER VOLTAGE" when ESC detects the battery voltage is too high. If the user continues to go downhill, the board will brake automatically to prevent the user from doing that. This method can only protect the battery to a limited extent and cannot 100% guarantee battery safety.

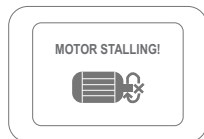
### 2)Signal loss warning



When the signal is lost suddenly, the remote control screen indicates disconnection with a short vibration. If the skateboard is accelerating, the acceleration will stop slowly first, then brake slowly automatically. If the skateboard is not accelerating, it will brake slowly.

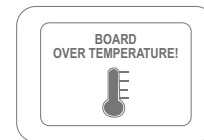
If the signal is lost, the remote control will search the device of the skateboard. If it succeeds in searching and reconnecting, the remote control will short vibrate, the brake will be cancelled and return to regular operation.

### 3)Lock-up warning



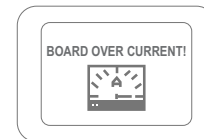
When the motor is lock-up or completely stuck, the remote control will short vibrate continuously and intermittently. The remote control screen indicates lock-up. If that happens, the user should stop running the skateboard and check whether any foreign matter is stuck in it, clear them and rerun it.

### 4)Overheating warning



When the motor's operating temperature is higher than 100°C or lower than 0°C, the remote control vibrates once, and the screen indicates an overheat, and the motor will stop working. **Note:** The user should pay attention to the temperature of the motor. Stop using if the operating temperature of the motor is high. Reuse it after the temperature reduces.

### 5)Overheating warning



When the operating current of the motor exceeds the value allowed, the remote control screen indicates overcurrent, and the motor stops working. **Note:** Close the skateboard and repower on. Please use it after the current returns to normal.



## 9.Product Specification

Model	R1	
Parameters	Motor	Hub motors
	Motor Power	550W*2
	Drive Type	Rear-drive
	Tire Size	3.5in
	Max Speed	22 Mph
	Climbing Gradient	30°
	Max Loading	220lbs
	Battery voltage / capacity	36V 6.0Ah/216Wh/6000mAH
	Range Per Charge	18-23 miles
	Charge Time	3-5H
	Charger	42V 2A
	Charger Voltage	AC100-AC24050-60Hz
	Communication Mode	2.4Ghz
	Distance of remote control	40m( Open area )
	Applicable ESC	ESC-Skateboard-HW9005/HV9006
	Body Material	Maple ( panel )+ PU ( wheels )
	Net Weight	17.5 lbs
Waterproof Level	IP54	
Length*Width*Height	36.1*11.3*5.1 inch	
Suitable area	Solid road, surface, asphalt road surface to overcome, obstacles high less than 1 cm, a depth of pools no more than 2 cm.	
Certificate	CE , ROHS , UL	

**Note:** The measurement data comes from the laboratory environment and is for reference only. The actual result will be different due to speed, load, climbing etc.

## 10.Warranty

Warranty service is carried out following the Law on 《Consumer rights》 and the Law on 《the quality of products》 . The warranty service includes:

Information on warranty maintenance	Term
Motor, Controller, Remote control, Charger, T-Tool, Hex Wrench	1 year
Battery	6 months
Panel/ Truck/ PU wheel/ Shell	NOT covered by warranty

### Recommendation:

Use the packaging for the safe transport of the device. We recommend keeping the original packaging within 30 days after receipt of goods.

### Caution:

The battery is guaranteed for 6 months, and the accessories are guaranteed for one year. If it is not a quality problem, there is not covered by the warranty.

### Non - warranty regulations

- 1.Authorized maintenance, misuse, collision, negligence, abuse, intake, accident. Improper use of non-product accessories or tear up the modified label, anti-counterfeit mark.
- 2.The warranty period has expired;
- 3.Damage, caused by force majeure;
- 4.Failures, which do not correspond to the 《List of faults》 of EcoRider service center;
- 5.A failure of the device or its components from the 《Fault list》 , which arose in connection with the human factor, and which interfere with regular operation.
- 6.Failures that have arisen in connection with the human factors (including, but not limited to the excessive wetting device, puncture, drop, scratch, and damage an outer casing, which has arisen as a result of the regular use of goods)
7. If this product is used for commercial purposes, all warranty conditions are not maintained.

## 11.Warranty Card

Name		SN Code	
Order Number			
Purchase Date			
Phone Call			
Email			
Address			
Dealer Name		Phone Call	
Dealer Address			

## 12.Contact

Any questions, please get in touch with us at

Email: [help@gyroor.com](mailto:help@gyroor.com)



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