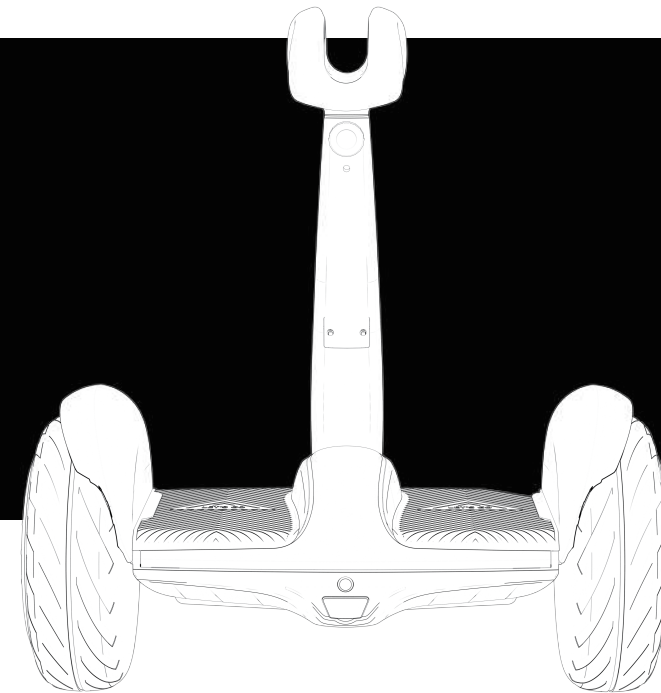




SMART SELF-BALANCING ELECTRIC SCOOTER



The manufacturer reserves the right to make changes to the product, and update this manual at any time
Visit www.hiboy.com to download the latest user materials
www.hiboy.com

USER MANUAL

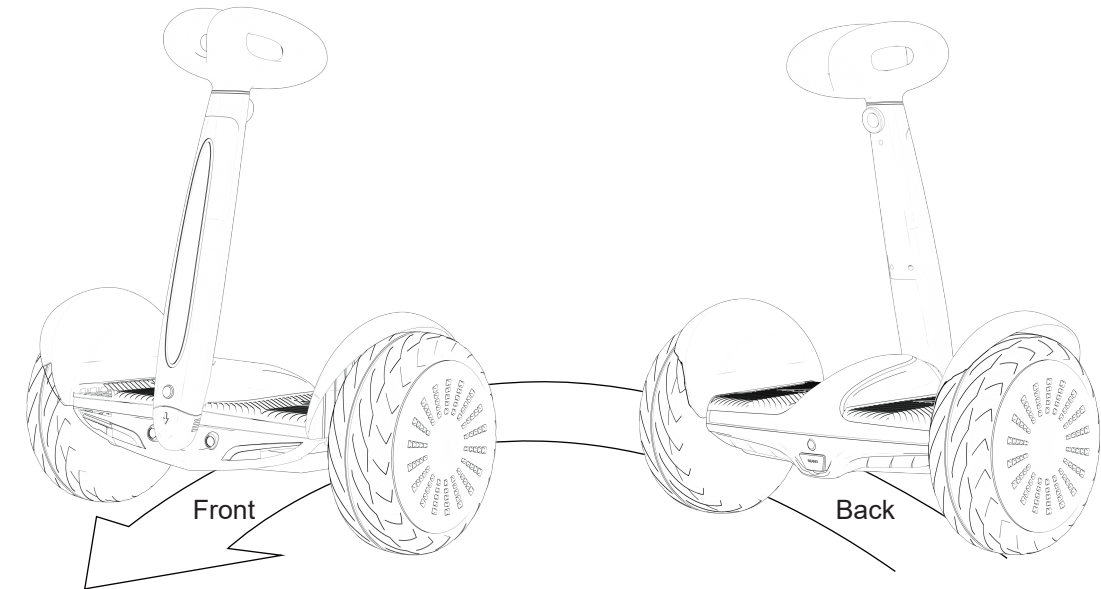
Contents

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Thanks for choosing hiboy!

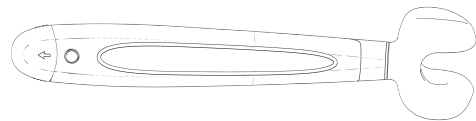
Your Hiboy-J5 is a new form of electrical balancing vehicle with smartphone App features.

Enjoy your free riding now!

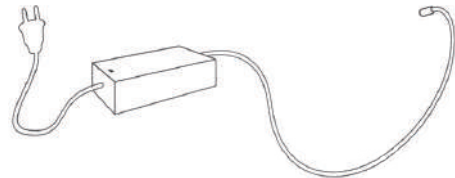


Hint: Please step on/off from the Back
Or you will risk crash/fall due to the wrong steering direction!

1.Packing List



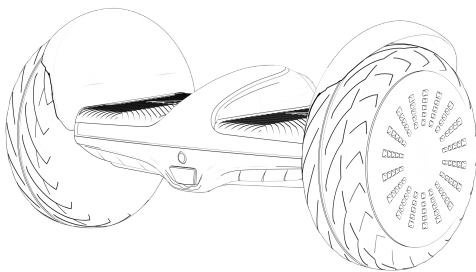
Knee Control Bar



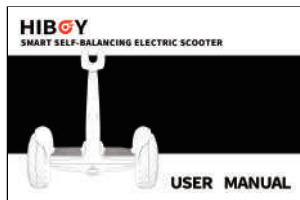
Charger



Screwdriver



Mainframe



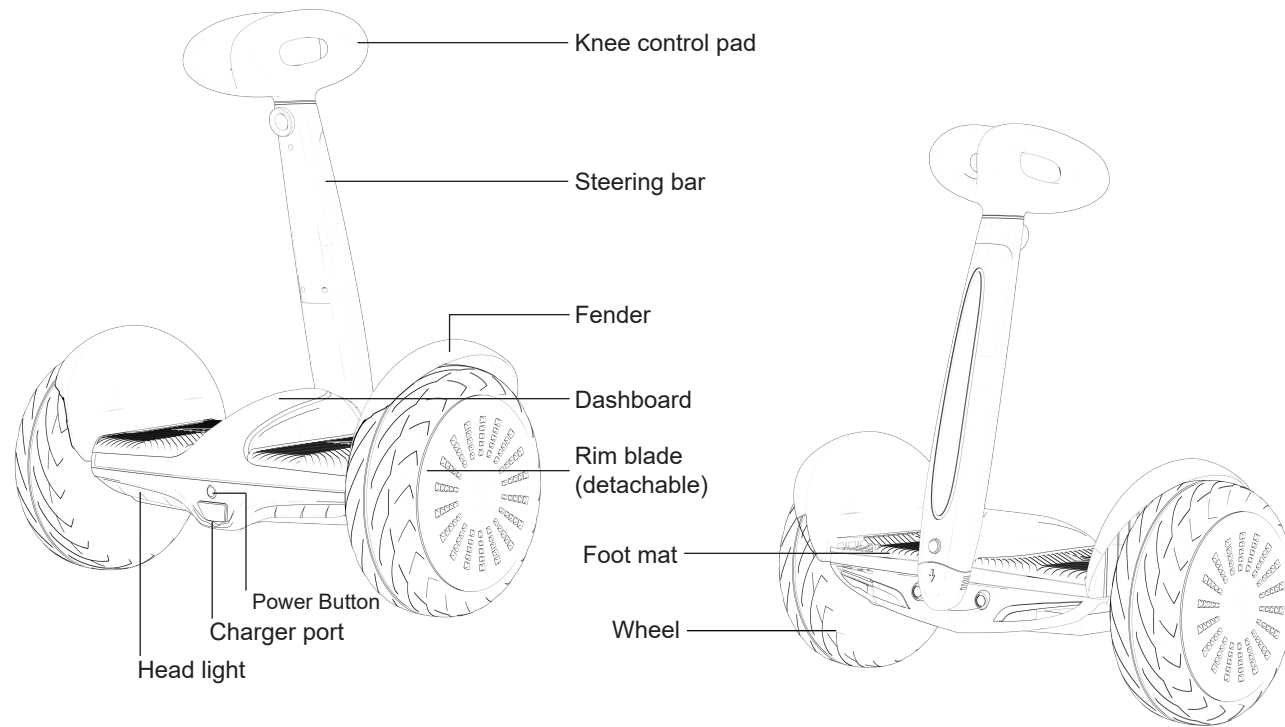
User Manual



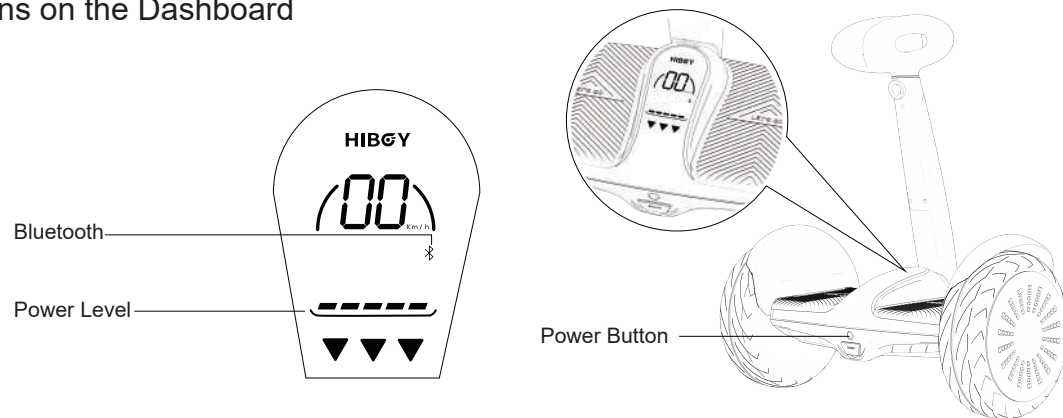
Screw




When taking out the mainframe, please verify that the above items are included in the package. You can assemble your new Hiboy-J5 by the following steps after confirming that all the parts are found in the box and in good condition. Remember to switch off the power of Hiboy-J5 and unplug the charging cable before handling and mounting any accessory or cleaning of the mainframe.

2.Hiboy-J5 Diagram

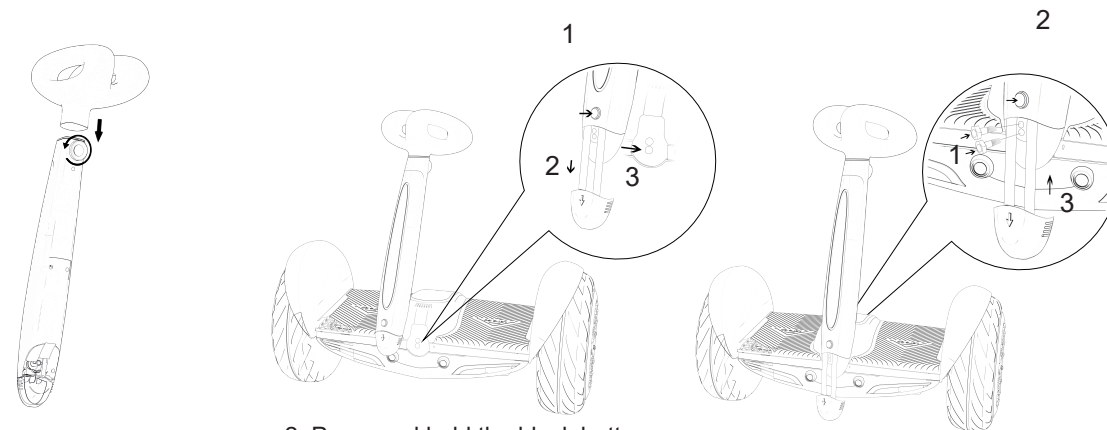


3. Icons on the Dashboard



	Power Button	Power Button: Turn on/off. Hiboy-J5 will automatically shut down when idle for 10 minutes after starting, or when the mainframe is put down for over 5 seconds.
	Power Level	Indicates the remaining battery stamina. Whenever the Hiboy-J5 notifies you of an empty Battery condition (power icon flickers), you need to charge your Hiboy-J5. Use your App to read the remaining power and estimated drivable mileage. When less than 30%, your Hiboy-J5 will gradually reduce the max speed limit, and when less than 10%, you can only reach 7km/h.
	Bluetooth	The Bluetooth icon flicker to indicate the Bluetooth is ON but not connected to the smartphone App; the Bluetooth icon light staying ON indicates the App has connected to Hiboy-J5.

4. Assemble Your Hiboy-J5



1. Unscrew the knob on the top handle and plug the top handle into the bar, then tighten the knob

2. Press and hold the black button of the steering bar and slide it down, and then insert the steering bar into the steering groove.

3. After installing the two screws, press and hold the black button to close the cover.

Check the Power ON/OFF status after assembly Hiboy-J5.

After Power ON with a very low riding speed and steering sensitivity, the non-activated Hiboy-J5 is not rideable. You need to install the app on a smartphone (BLE4.0 or above), connect Hiboy with Bluetooth, follow the App instructions to activate your For your safety, your Hiboy-J5 is not activated at this moment and it will be beeping.

5. First Ride

There is a safety risk for a new rider when learning to ride the Hiboy-J5. It is strongly recommended that you follow the Safety Instructions before your first ride.

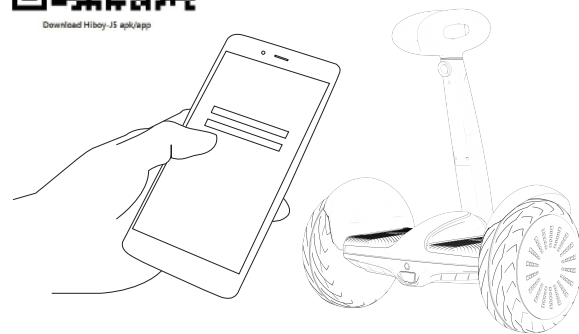
You will need to use your smartphone (Android or IOS) to install App to watch the Safety Instructions and follow the New User Tutorials before your first ride.

Search and install APP: Hiboy-J5 / Scan the QR code to install App.

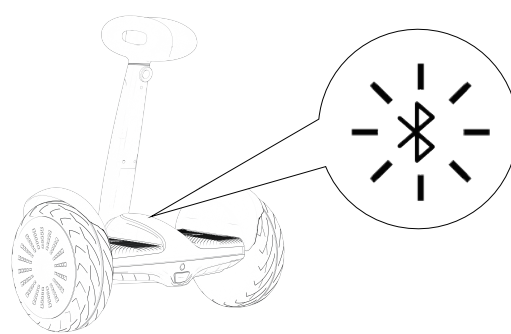


Download Hiboy-J5 apk/app

App scanning and install (IOS 5 or above, Android 4.3 or above)
Please strictly follow the App instructions to learn how to ride safely & have fun.

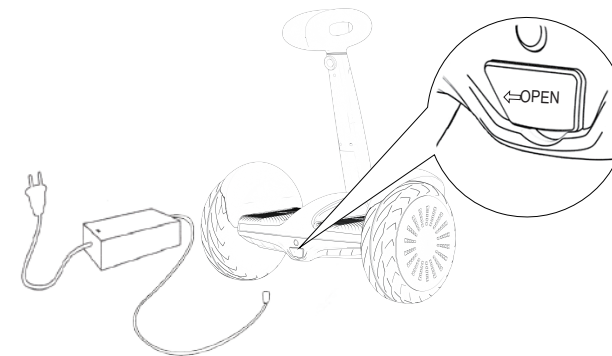


1. Install App

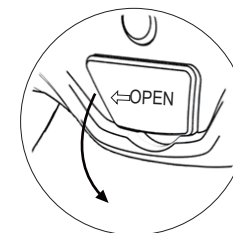


2. power-on, Bluetooth icon flickering
indicates the Hiboy-J5 waiting for connecting

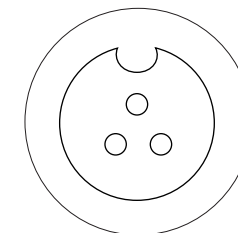
6. Charging



Charging port



Open the cap

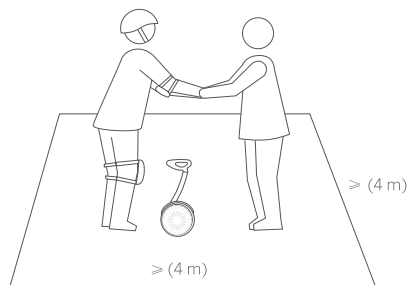


Insert the plug into
the socket

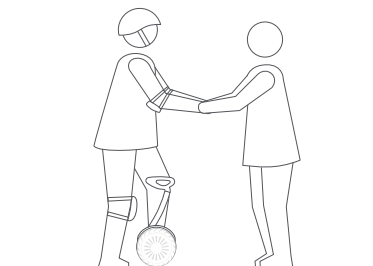
7. Learn to Ride

Notes:

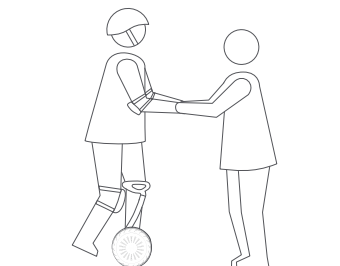
1. Rider must weigh 44-220lbs(20-100kg) and must be 3.9-6.6ft(120-200cm) tall.
2. Wear an approved helmet and other protective gear to minimize any possible injury.
3. After activation, the App will lead you through the New Rider Tutorial. Please follow the instructions in the App and in this manual. You must first download the hiboy App on your mobile device. The App will lead you through the New Rider Tutorial.



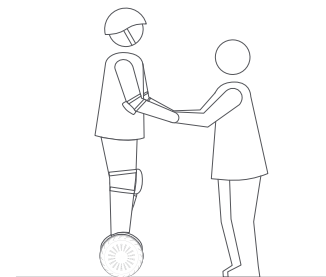
1. Please step on with others assistance on an open area for your first ride.
Please noted you need to step on/off from the back of the Hiboy-J5.



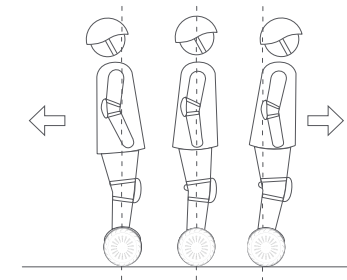
2. Step on the foot mat with one foot standing firm, avoid touching the knee control pad with your shank or knees, and cause steering.



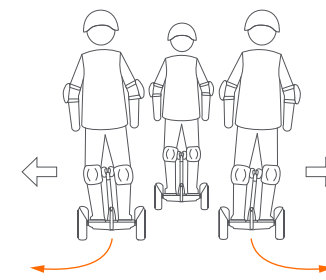
3. Slowly transfer your weight to your foot on the mat, and step up onto the other mat.



4. Stand with your weight evenly distributes on both feet and relax, looking straight ahead.




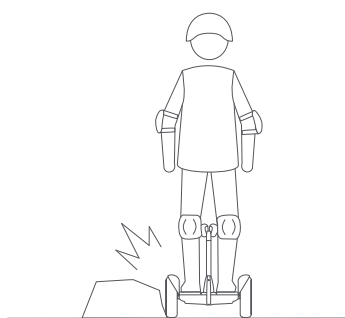
5. Step on foot mat with both feet and slowly lean your body forward or backward to control your moving.



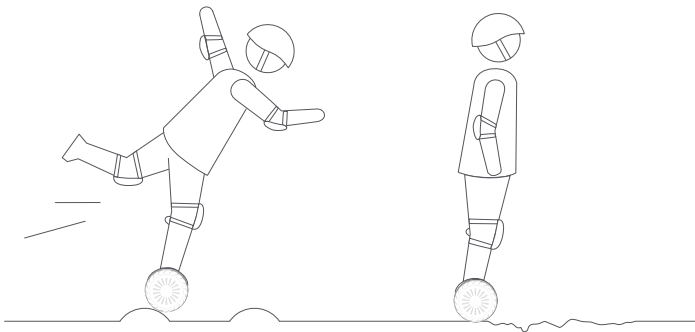
6. Slowly lean against the steering bar /knee pads left and right to make a turn.

8. Warning

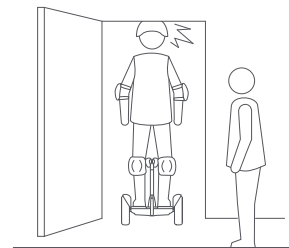
 You must read and understand the Warnings and Safe Riding instructions in this manual before attempting to ride the Hiboy-J5. Failure to follow these warnings could result in death or serious injury due to: loss of balance, traction, and/or control; collision; and falls.



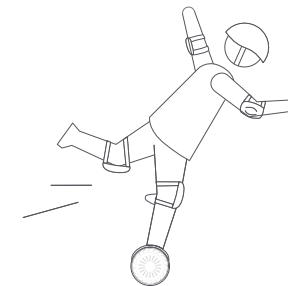
Avoid obstacles contacting the tire rim to cause Hiboy-J5 out of control.



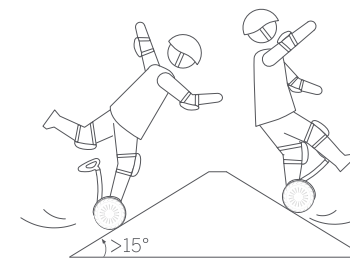
Please keep a moderate speed (2~6mph/3~10km/h), not zero /higher speed with your knees bending when encountering deceleration zone/threshold, etc, otherwise may cause loss of balance.



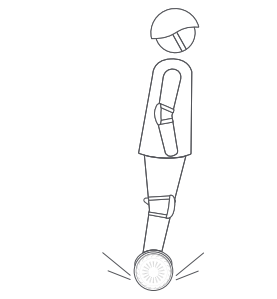
Watch out for space above your head/door frame.



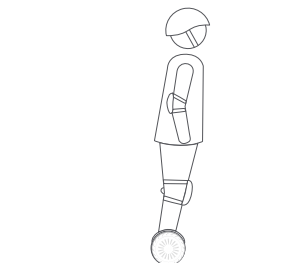
Do not attempt stunts of any kind. Always keep both feet on the foot mats.



Avoid climbing slope $>15^\circ$, or your Hiboy-J5 may lose traction & balance.



Maintain contact with the ground at all times. Do not jump or attempt stunts.

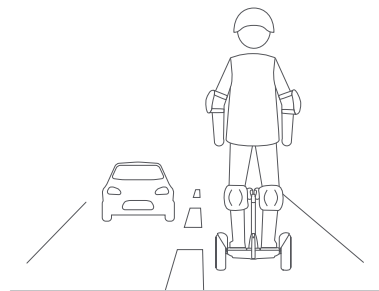


Avoid abrupt accelerating or decelerating.

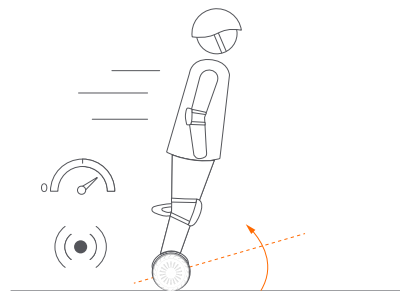


Do not ride on low traction surfaces (including, but not limited to, wet ground, loose sand, loose gravel, and ice).

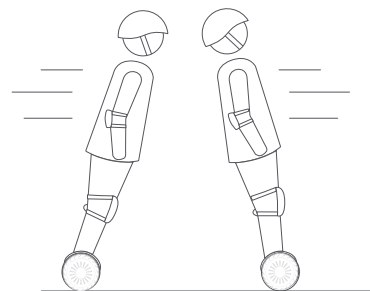
9. Forbidden Behaviour



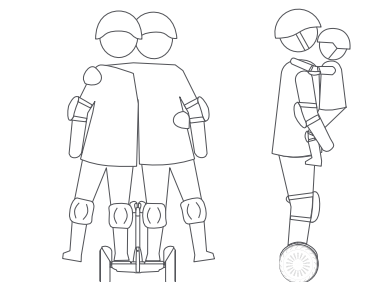
Riding into motorway.



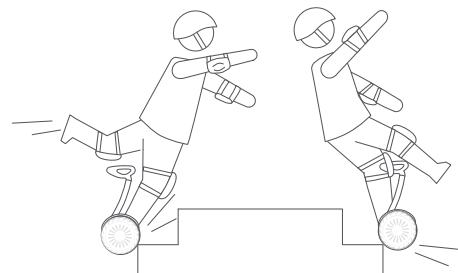
Riding or accelerating when the Hiboy-J5 is alarming or when the foot mat tilting up.



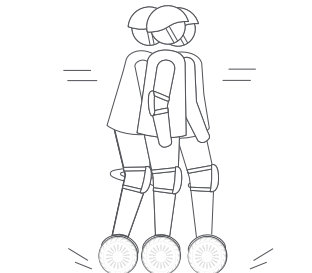
Riding in >2 cm puddle



Ride double or carry any passengers.
Carry a child.
Ride when pregnant.



Do not ride over holes, curbs, steps, or other obstacles.



Do not rock back and forth or shift your weight abruptly.

10. Riding Safety

1. Hiboy-J5 is an entertainment device, not a transportation vehicle. However, once you ride entering into a public area, your Hiboy-J5 exposes you to risk of injury as the other transportation device does. You should protect yourself and others by following this manual to the maximum.

2. Please understand that you can reduce the risk by following all the instructions and warnings in this Manual, but you can not eliminate all the risks. Please remember that whenever you ride the Hiboy-J5, you risk injury from loss of control, collisions, and falls, when entering into public areas like other transportation means even if you fully obey the safe riding instructions. Like all other vehicles, faster speed needs a longer brake stopping distance. Rapid brake on a smooth surface may lead to wheel-slip, losing balance or even falling down. You must be very cautious and always keep a reasonable safe distance from other people or transportation tools during riding. Please be alert and slow down when entering an unfamiliar area.

3. Respect pedestrians by always yielding the right of way, Pass on the left whenever possible. When approaching a pedestrian from the front, stay to the right and slow down. Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing.

4. Always wear a helmet when riding. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place, and provides protection for the back of your head.

5. Do not attempt your first ride in any area where you might encounter children, pedestrians, pet, vehicles, bicycles, or other obstacles and potential hazards.

6. Be alert! Scan both far ahead and in front of your Hiboy-J5 - your eyes are your best tool for safely avoiding obstacles and low traction surfaces (including, but not limited to, wet ground, loose sand, loose gravel, and ice).

7. Do not attempt to charge your Hiboy-J5 if it, the charger, or the power outlet is wet.

8. As with any electronic device, use a surge protector when charging to help protect your Hiboy-J5 from damage due to power surges and voltage spikes. Only use the Hiboy supplied charger. Do not use a charger from any other product.

9. Use only Hiboy or Hiboy approved parts and accessories. Do not modify your Hiboy-J5. Modifications to your Hiboy-J5 could interfere with the operation of the Hiboy-J5, could result in serious injury and / or damage, and could void the Limited Warranty.

10. To reduce risk of injury, you must read and follow all "CAUTION" and "WARNING" notices in this document. Do not ride at an unsafe speed. Under no circumstance should you ride on roads with motor vehicles. The manufacturer recommends riders be 16+ years old. Always follow these safety instructions:

A. People who should not ride the Hiboy-J5 include:

- a. Anyone under the influence of alcohol or drugs.
- b. Anyone who suffers from disease that puts them at risk if they engage in strenuous physical activity.
- c. Anyone who has problems with balance or with motor skills that would interfere with their ability to maintain balance.
- d. Anyone whose height or weight is outside the stated limits(See Specifications).
- e. Pregnant women

B. Riders under the age of 16 years old should ride under adult supervision.

C. Comply with local laws and regulations when riding this product. Do not ride where prohibited by local laws.

D. To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.

E. Do not ride in the snow, in the rain, or on roads which are wet, muddy, icy, or that are slippery for any reason. Do not ride over obstacles(sand, loose gravel, or sticks). Doing so could result in a loss of balance or traction and could cause a fall.

F. Do not accelerate or decelerate suddenly. Do not accelerate when the Hiboy-J5 tilts back or sounds an alarm. Do not attempt to override the speed limiter.

11. Do not attempt to charge your Hiboy-J5 if it, the charger, or the power outlet is wet.

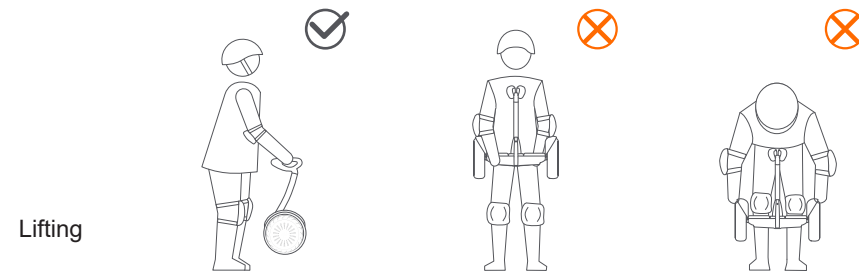
12. Do not sit on the steering bar. Doing so could result in serious injury and / or damage to your Hiboy-J5.

13. Please strictly comply with safety requirements for riders of this manual in countries and areas without laws and regulations of the self-balancing electric vehicles like China. Hiboy will not responsible for any property loss, casualties, accidents, legal disputes caused by a violation of the safety instructions.

14. Do not allow anyone to ride the Hiboy-J5 on his/her own unless they have carefully read this Manual. Ask your friends to wear protective articles and assist your friends in beginning the first ride.

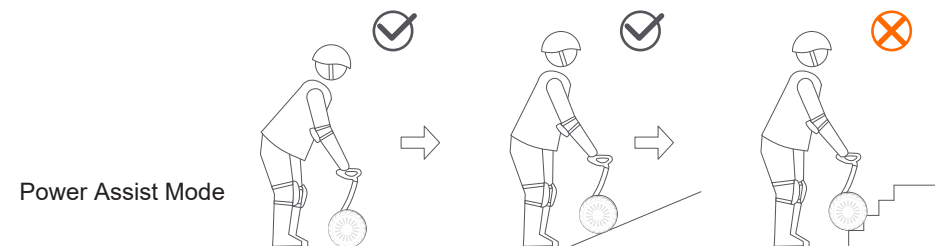
15. Please check if any looseness, damage, tire pressure-lacking, or any abnormal conditions before every ride. If continuous abnormal sounds or alarms of vehicles occurred during riding, please immediately stop riding. Diagnose your Hiboy-J5 with your App and immediately contact our customer service team to solve the problem for you.

11. Lifting and Power Assist Mode



Lifting

If your Hiboy-J5 is Power ON and in auto balance mode during carrying, power output will be cut off automatically when tires are hung in the air for your safety; balance mode will be recovered automatically when placing Hiboy-J5 to the ground. Do not lift the Hiboy-J5 by the fender or the mainframe, or your finger may be clipped or damaged in the fender. Please do as shown above.



Power Assist Mode

When your Hiboy-J5 is powered on, but no rider is standing on it, it is in Power Assist Mode. Steer the Hiboy-J5 across smooth surfaces, using the steering bar. Do not guide it upstairs, across potholes, over large cracked/uneven surfaces, or over other obstacles; guide your scooter around the obstacle or carry it over the obstacle as shown above.

12. Daily Maintenance

Cleaning and Storing Your Hiboy-J5

Use a wet cloth to wipe the mainframe clean. Hard to remove dirt can be scrubbed with a toothbrush and toothpaste, then cleaned with a wet cloth.

Hint: Do not wash Hiboy-J5 with alcohol, gas, diesel, acetone, or another corrosive and volatile chemical solvent. These substances may damage the appearance and internal structure. Do not wash the Hiboy-J5 with a power washer or high-pressure hose. Make sure that Hiboy-J5 is powered of charging cable is plugged out and the rubber cap on the charging port is tightly sealed, otherwise, you may expose yourself to electric shock or cause the device failure.

Store your Hiboy-J5 in a dry and cool place. Do not store it in an outdoor environment for a long time. Exposure to sunshine or hot/cold outdoor environment will accelerate the aging of the appearance and the battery life.

Maintenance of Battery Pack

Do not place the battery in a high-temperature or low-temperature environment which is over 50 ℃ or below -20 ℃. Do not throw the battery pack into the fire. Other items for attention in the maintenance of the batter refer to the nameplate of the battery pack which is below the vehicle.

A well-maintained battery pack may be in sound performance even after 20 thousand kilometers' riding. Charge the battery every time you stop riding and avoid exhausting all the power in daily use. In addition, when using at normal temperature, the battery pack can play high distance mileage and performance; while using in an environment below 0, endurance and performance of the battery would decline. Typically, when the temperature is -20 distance mileage maybe half of the normal temperature of 25 ℃. Distance mileage of battery will recover when the temperature rises. You may check the details in App.

Hint: Typically, the fully charged battery, if mounted on the Hiboy-J5, will be exhausted within 120 to 180 days under the standby mode. And a low-power battery, if mounted on the Hiboy-J5, will be exhausted within 30 to 60days under the standby mode. Remember to charge the battery after each riding. Over-draining of power may cause unrecoverable damage to the battery. Intelligent chips inside the battery shall record the charge-discharge condition of the battery, damage caused by over-discharge will not be covered under the Limited Warranty. (Non-specialized person is forbidden to disassemble battery pack!)

Notes

The IP Rating of the mainframe is IP54, IP Rating of the battery pack is IPX6.
Do not discard or destroy the battery. Refer to your local laws and regulations regarding battery recycling and /or disposal.

Recommended tire pressure
Inflate tires to 30psi. Inflate both tires equally.

13. Specifications

Index	Items	Parameters
Dimension	L×W	262×546
	MainframeH [1](mm)	611
Weight	Payload	20~100 kg(44~220 lb)
	Net	Approx. 11 kg
Rider	Applicable Age	16~50
	Applicable Height	120~200 cm (3.9 ~6.6 ft)
Machine Parameter	Max.Speed	Approx. 16km/h (10 mph)
	Typical Mileage[2]	Approx.15km(9.32mi)
	Max.Climbing Angle	Approx. 15°
	Applicable Terrain	Harden pavement ,flat dirt pavement, down ramp <5°,staircase < 1cm,groove width <3cm
	Operation Temp.	-10°~ + 40°(14°F ~104°F)
	Storage Temp.	-20°~ + 45°(-4°F~113°F)
	IP grade	IP54
Battery Pack	Nominal Voltage(V)	36V
	Max.Charging Voltage(V)	42v
	Nominal Capacity(Wh)	350
	Smart BMS	Overvoltage/Undervoltage/Short Circuit/Overheating Protection,Auto-Sleep /Wake -up, detailed information of battery can be checked with App
Motor	Nominal Power(w)	350×2
	Max. Power(w)	700×2
	Compliance	CCC, CE, UL

Charger	Nominal Power(w)	54
	Nominal Input Voltage(V)	100-240V ~ 50-60 Hz
	Nominal Output Voltage(V)	Approx. 42/63
	Nominal Output Current(A)	1.5
	Compliance	CCC/CE/FCC/PSE/UL/SAA/KC
	Charging Time (H)	Approx. 3.5-5

[1] Mainframe height :refer to distance from ground to the highest end of mainframe

[2] Typical mileage refers to :test under riding in full power,70kg(154lb) load,25℃(77 ℉)environmental temperature,15km/h(9.3mph) average speed on -pavement

14. Hazardous Substances Declaration

Component	Pb	Cd	Hg	Cr(VI)	PBB	PBDE
Plastic part	○	○	○	○	○	○
Dashboard	×	×	○	○	○	○
LED	×	○	○	○	○	○
Steering bar	×	○	○	○	○	○
Mainframe	○	○	○	○	○	○
Battery pack	○	○	○	○	○	○
motor	○	○	○	○	○	○
charger	×	○	○	○	○	○

○ The contents of the toxic and hazardous substance contained are below SJ/T11363-2006 standard

× Indicates the hazardous substance contained exceed the SJ/T11363-2006 standard

Contact Us

Contact us if you experience issues relating to riding, maintenance and safety, or errors/faults with your Hiboy scooter.

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@Hiboyscooter



HiboyUS



www.hiboy.com