iENYRID

Enjoy Your Ride

Please noted that your Mini functions might be not consisitent with this Manual due to technical upgrading and firmware updates. Please install the App for latest funtion & safety instructions

QUICK START MANUAL

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14 Harzardous 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 substances contained are beblow SJ/T 11363−2006 standard
× Indicates the hazardous substances contained exceed the SJ/T 11363−2006 standard

Content

1 Packing List - 01
2 Mini Diagram - 02
3 Icons on the Dashboard - 03
4 Assemble Your Mini - 04
5 First Ride - 05
6 Charging - 06
7 Learn to Ride - 07
8 Warning - 08
9 Forbidden Behaviour - 09
10 Riding Safety - 10
11 Lifting and Assistance Mode - 11
12 Daily Maintenance - 12
13 Specifications - 13
14 Harzardous Substances Declaration - - - - - - - - - - - - - - - 14

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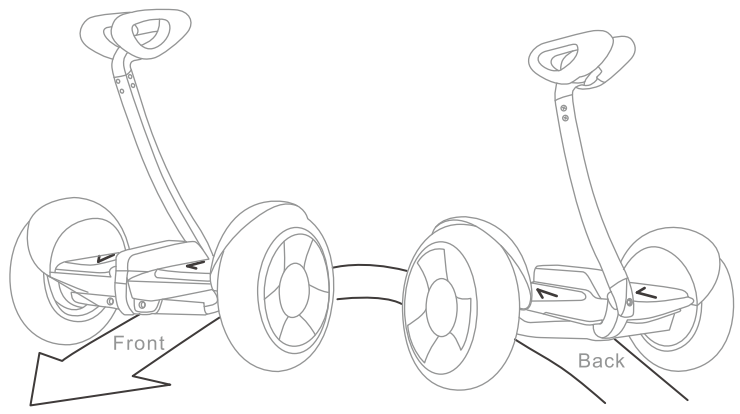
Enjoy your free riding now!



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

13 Specifications

Index	Items	Parameters
Dimension	L x W (mm)	262x546
	Mainframe H[1] (mm)	611 ~ 866
Weight	Payload	20 ~ 100 kg (44~220 lb)
	Net	Approx. 13.0 kg
Rider Requirement	Applicable Age	16 ~ 50
	Applicable Height	120 ~ 200 cm (3.9 ~ 6.6 ft)
Machine Parameter	Max.Speed	Approx. 16 km/h (10 mph)
	Max. Climbing Angle	Approx. 15°
	Beginner Mode	Can be disabled or reset by App after 1km (0.6ml) riding. accumulative riding,can be reset by App
	Applicable Terrian	Harden pavement, flat dirt pavement, down ramp < 15°, 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)	54.8 ⎓36V / 54.8V
	Max.Charging Voltage (V)	63 ⎓ 42V / 63V
	Nominal Capacity (Wh)	144 / 236
	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)	350x2
	Max.Power(W)	700x2
	Nominal Power(W)	120
Charger	Nominal Input Voltage(V)	100 - 240V ~ 50-60Hz
	Nominal Output Voltage (V)	Approx. 42 / 63⎓
	Nominal Output Current (A)	Approx. 1.0
	Charging Time (H)	Approx. 3.2-5

[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°F) environmental temperature, 15km/h (9.3 mph) average speed on-pavement.

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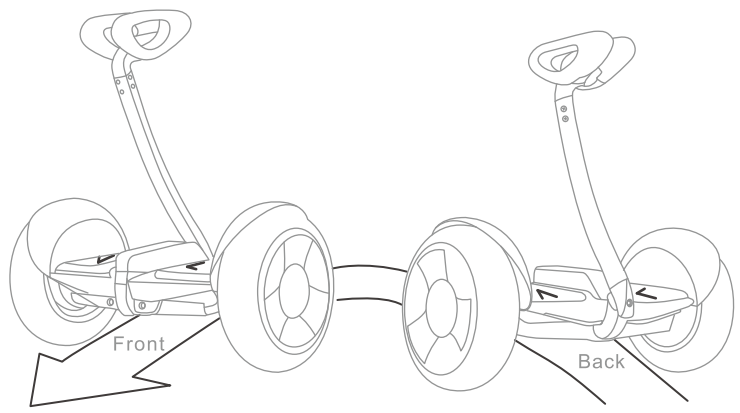

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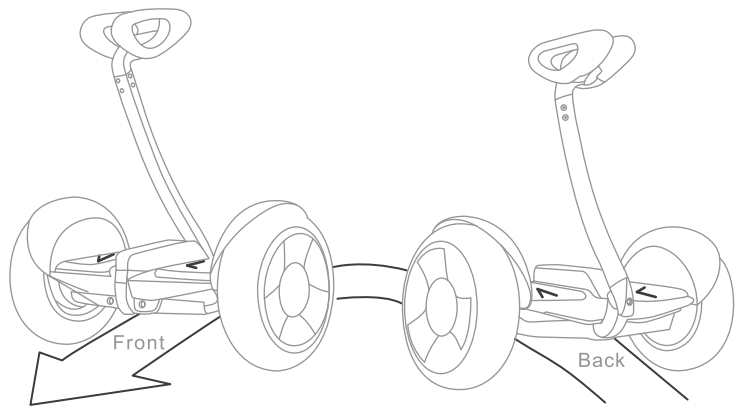

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12 Daily Maintenance

Cleanning and Storing Your Mini

You can use a soft cloth (one used for wiping your glasses) dipped with small amounf of water to wipe the mainframe of Mini to remove dirt. The dirt that is hard to wipe out on the plastic surface can be scrubbed with toothbrush after coating it with toothpaste, and then clean with wet cloth. Scratches on plastic parts of vehicle can be polistled by abrasive paper or other abrasive substances.

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

Store your Mini in a dry and cool place. Do not store it in 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

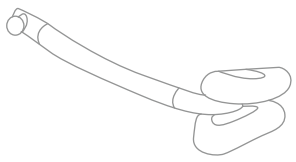
Do not place battery in high-temperature or low- temperature environment which is over 50 or below-20. Do nof throw battery pack into fire. Other jterns for attention in maintenance of battery refer to nameplate of battery pack which is below vehicle.

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 in normal temperature, battery pack can play high distance mileage and performanoe; whileusing in environment below 0, endurance and performance of battery would decline Typically when temperature is -20, distance mileage may be half of normal temperature 25 Distance mileage of battery will reoover when temperature rises. You may check the details in App.

Hint: Typically, the fully ehafged battery, if mounted on the Mini, will be exhausted within 120 to 180 days under the stand-by mode; And a low-power battery, if mounted on the MinI, will be exhausted within 30 to 60 days under the stand-by mode. Remember to charge the battey after each riding. Over-draining of power nlay cause un-recoverable damage to the battery Intelligent chips inside battery shall record charge-discharge condition of battery, damage caused by over discharge will not be covered under the Limited Warranty. (Non-specialized person are forbidden to disassemble battery pack!)

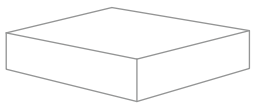
1 Packing List

Knee Control Bar

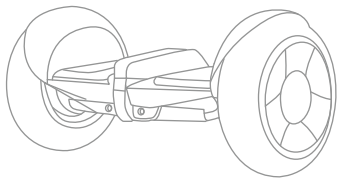


User Manual

Accessories Box

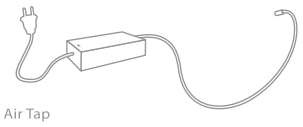


Mainframe



Accessories in the Box

Charger



Extended Air Tap

When taking out the mainframe,please check whether the articles included in the package are as above.
You can assemble your new Mini 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 Mini and unplug the chatging cable before handling and mounting of any accessory or cleaning of the mainframe.

12 Daily Maintenance

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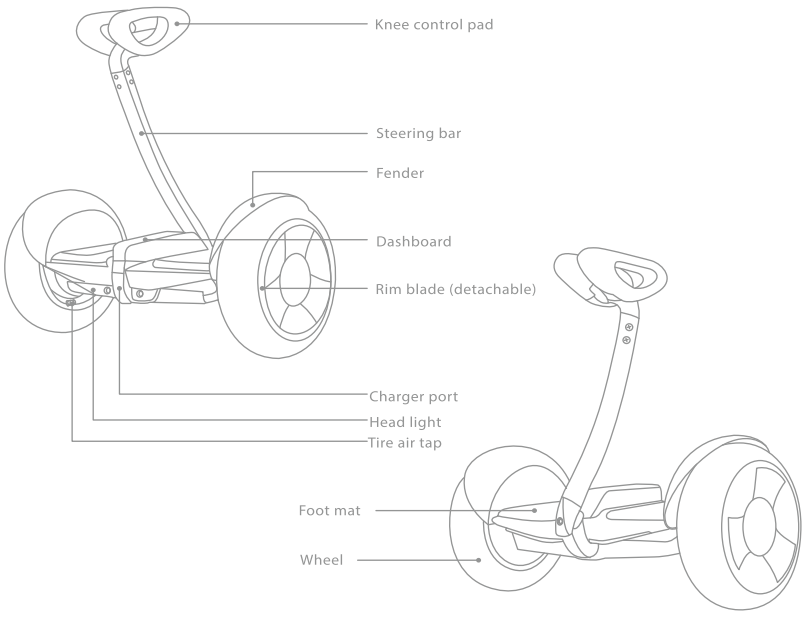
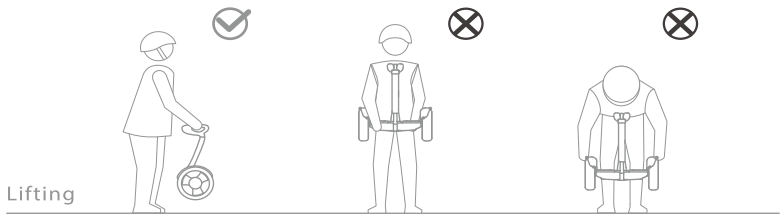
01

2 MINIROBOT Diagram



11 Lifting and Assistance Mode



If your Mini is Power ON and in autobalance mode during carrying power output will be cut off automatically when tires are hung in the air for your safety. balance mode will be recoveled automatically when plachlg Mini to the ground. Do not lift the Mini by the fender or the main frame, or your finger may be clipped or damaged in fender. Please do as shown on above.

Pull out the draw-bar to enier into the Assistance Mode(automatically when power-on), pushing your Mini flatly may help you move easily under Non-riding mode please lift the Mini when encountering the stairs, do not push it. Please do as shown on above.

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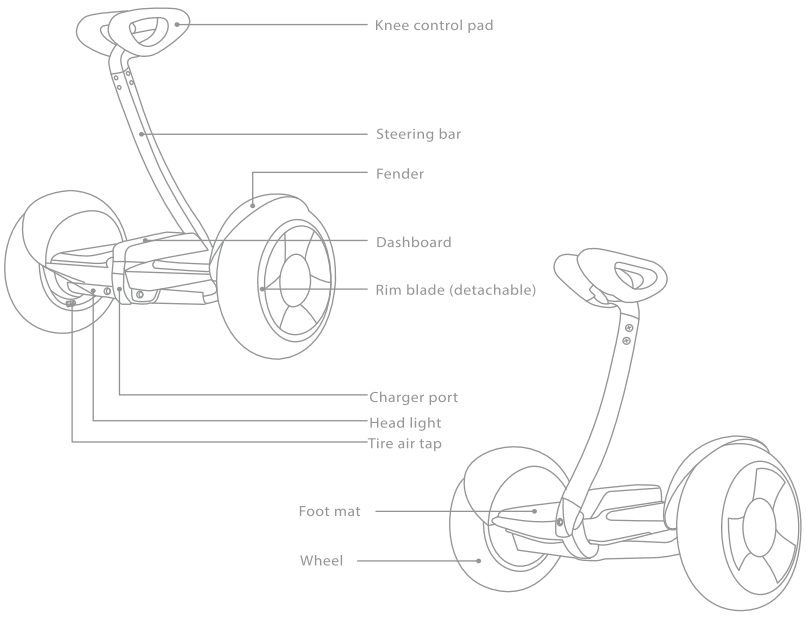

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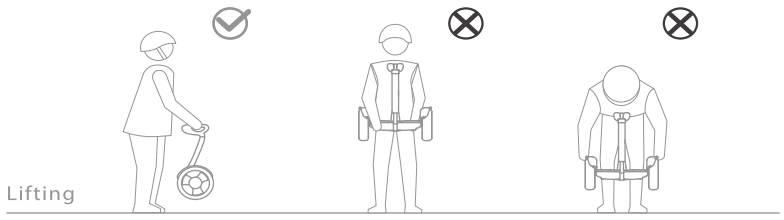

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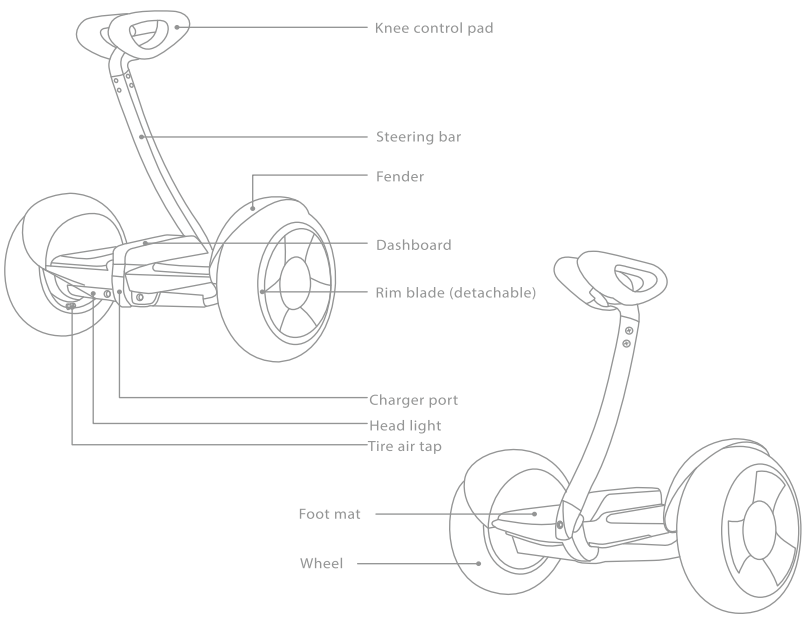

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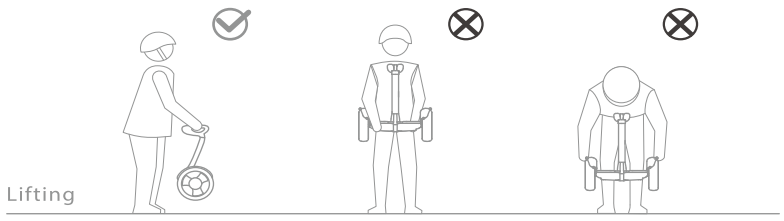

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10 Riding Safety

Mini is an,entertainment device, not a transportation vehicle, However, once you ride entering into a public area, your Mini exposes you to risk of injury as the other tranportaion device does You are supposed to protect yourself and the others by following this Manual to max.extent.

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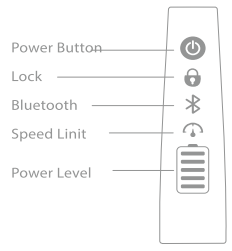
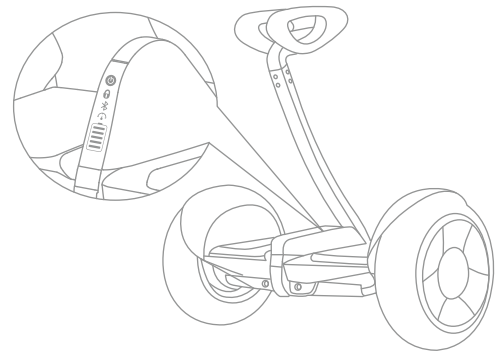
3 Icons on the Dashboard





	Power Button	Turn on/off. Miniwill automatically shut down when idle for 10 minutes after starting, or when mainframe is put down for over 5 seconds.
	Lock	The Mini will vibrate and buzzer alarm if anyone moves it once Lock Mode activated by App. User's smart phone will automaticallyalarm at the same time if App is running.
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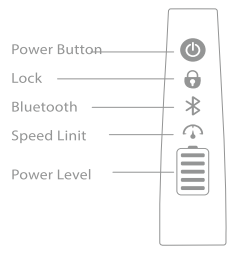

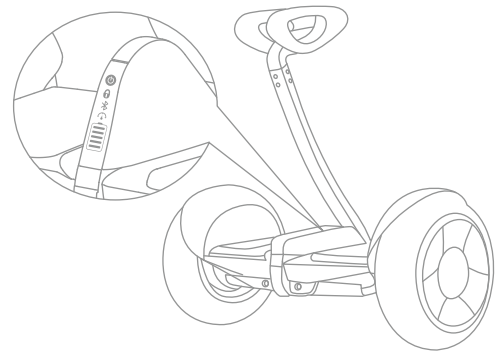

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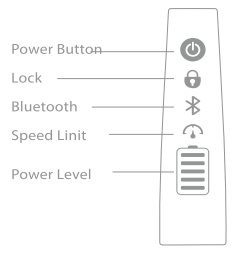

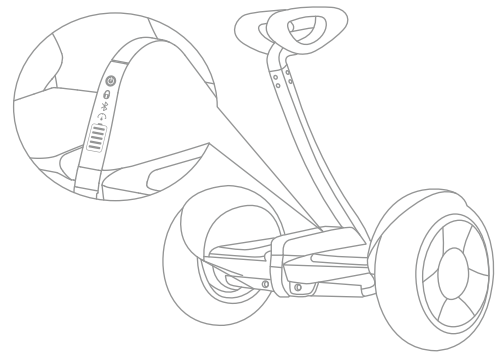

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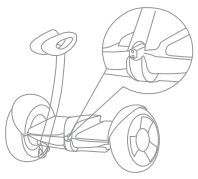
03

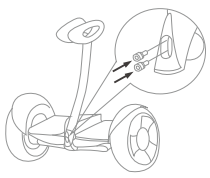
4 Assemble Your Mini

Install the steering bar

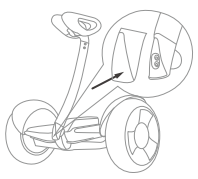
1 Open the tool free release of the steering bar



2 Insert the steering bar to the mainframe steering socket

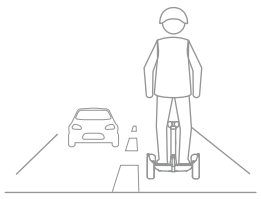


3 Fasten quick release

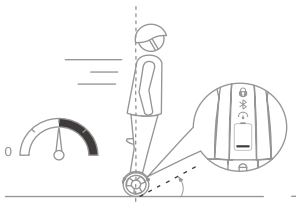


Check the Power ON/OFF status after assembly
For your safety, your Mini is not activated at this moment and it will be beeping
after Power-ON with a very low riding speed and steering sensitivity, the non-acticated Mini is not rideable.
You need to install the App on smartphone (BLE4.0 or above),connect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

9 Forbidden Behaviour

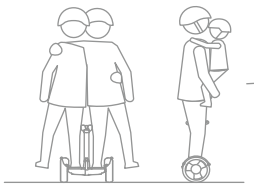


Riding into motorway

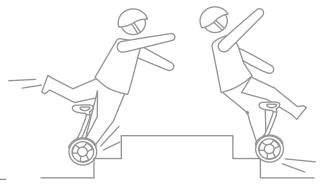


Riding or accelerating when the.Mini is alarming or when foot mat tilting up

Riding in >2cm puddle



Riding with 1+ persons on it, especially catring a baby



Riding to ascend or descend stairs / escalators

Rapid acceleration
Pendulum movement

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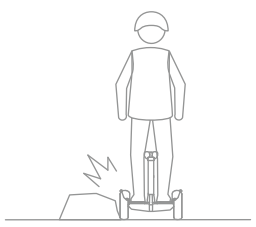
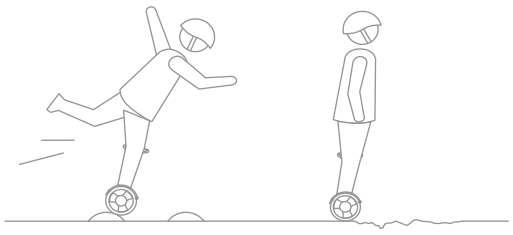
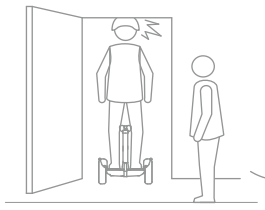


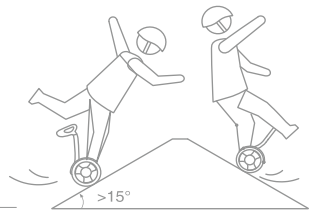
Avoid obstacles contacting the tire rim to cause Mini out of control



Please keep a moderate speed (3~ 10km/h, not Zero/higher speed) with your knees bending when encountering Deceleration zone/ threshold, etc ,otherwise may cause lost of balance



Watch out for space above your head/door frame.



Avoid climbing slope > 15°, or your Mini may lose traction & balance

Avoid abrupt accelerating or decelerating

5 First Ride

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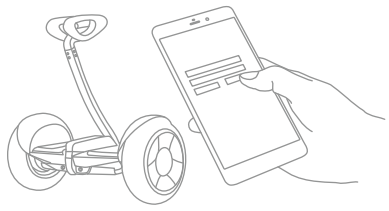

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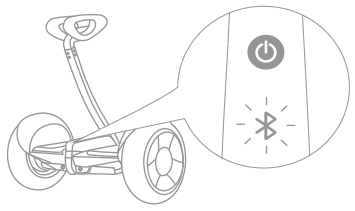
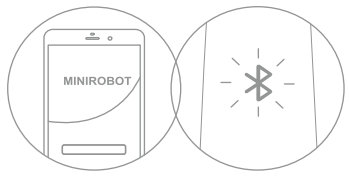


2 Power-on, Bluetooth icon flickering indicates the Mini waiting for connection

3 Click "Search device" button to connect your Mini, you will hear "beep" if succeed, the bluetooth icon on the dashboard will be ON

Please strictly follow the App instructions to learn how to ride safely & have fun



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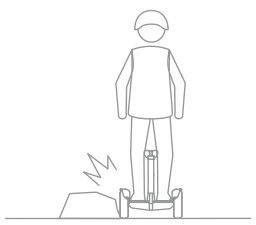

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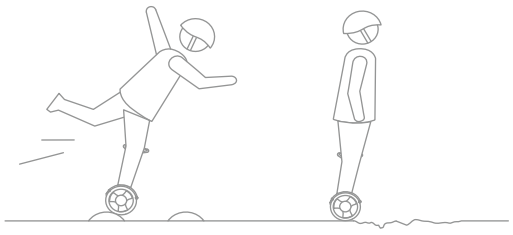

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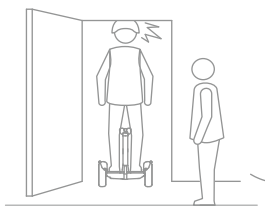

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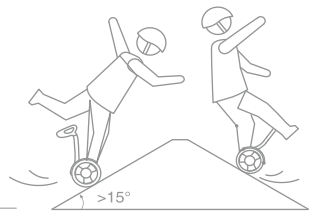

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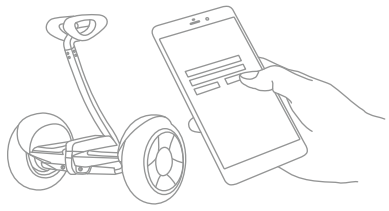

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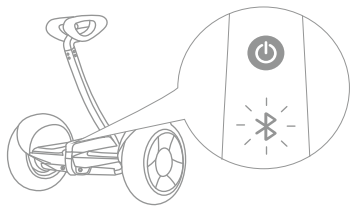

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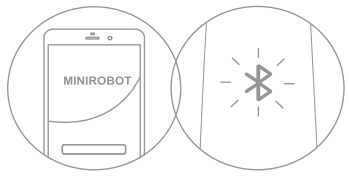

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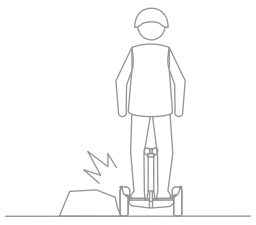

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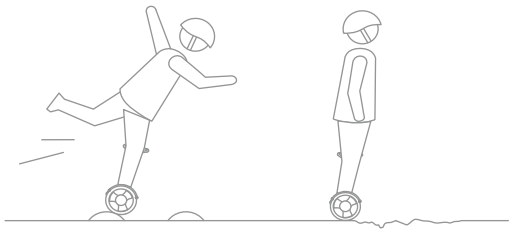

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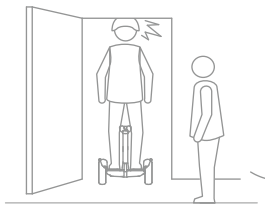

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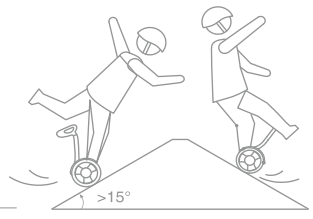

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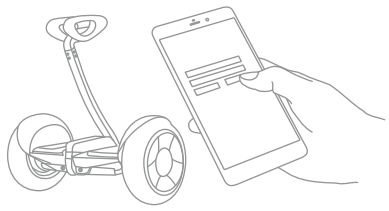
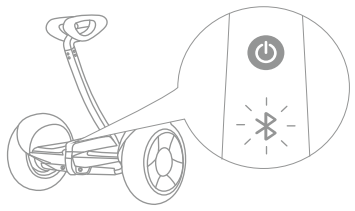
App scanning and install (10S 5 or above, Android 4.3 or above)



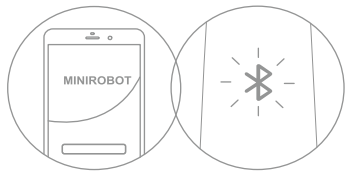
1 Install App



2 Power-on, Bluetooth icon flickering indicates the Mini waiting for connection

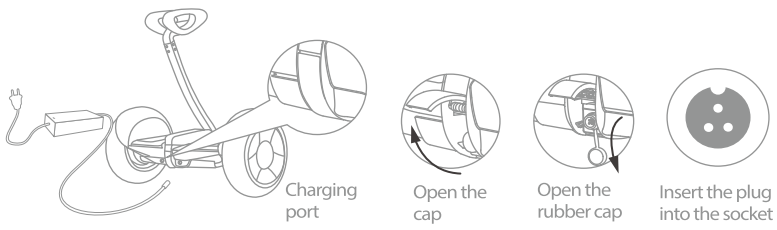
3 Click "Search device" button to connect your Mini, you will hear "beep" if succeed, the bluetooth icon on the dashboard will be ON

Please strictly follow the App instructions to learn how to ride safely & have fun



05

6 Charging

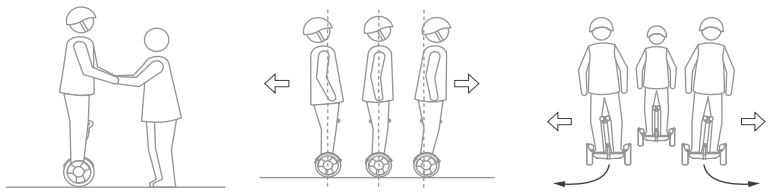


7 Learn to Ride

1 Please step on with other's assistafnce on an open area for your first ride.
Please noted you need to step on from the back

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

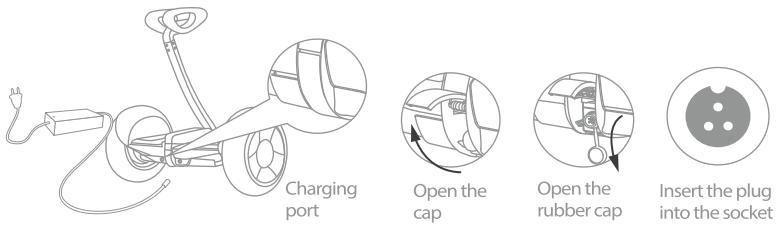


4 Step on foot mat with both feef and relax, looking straight ahead, avoid severe waggling

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

6 Charging

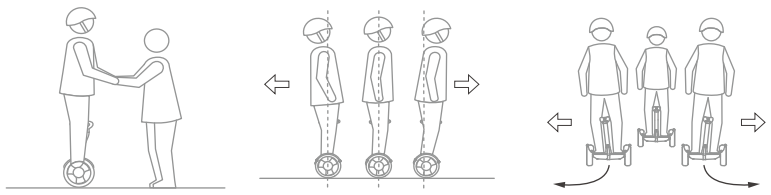


7 Learn to Ride

1 Please step on with other's assistafnce on an open area for your first ride.
Please noted you need to step on from the back

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



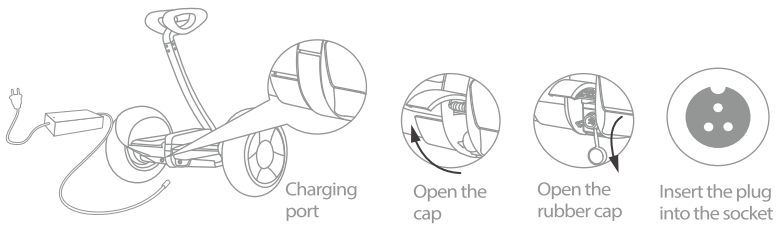
4 Step on foot mat with both feef and relax, looking straight ahead, avoid severe waggling

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

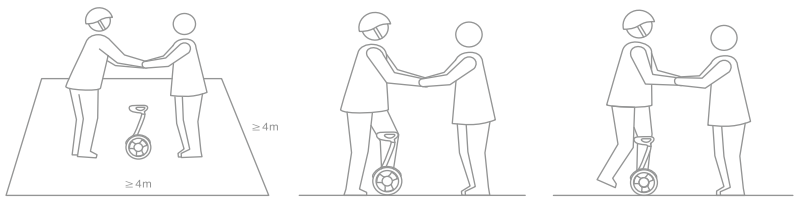
6 Slowly lean against the steering bar / knee pads left and right to make a turn

07

6 Charging



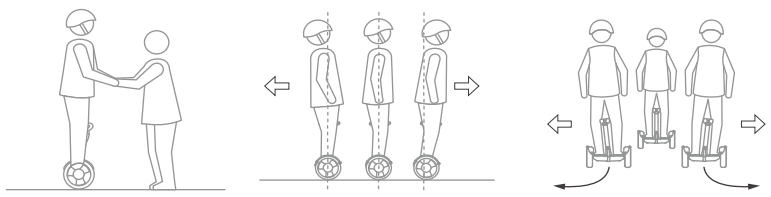
7 Learn to Ride



1 Please step on with other's assistafnce on an open area for your first ride.
Please noted you need to step on from the back

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



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07

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.

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

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.