



Gyrocopters Flash Electric Scooter User Manual

Actual functions may vary due to technical upgrades and firmware updates.

Contact Information: support@gyrocopters.ca

www.gyrocopters.ca

V1.0

Thank you for purchasing

Thank you for purchasing Gyrocopters FLASH electric Scooter. It is a sports and recreational vehicle.

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1 Package Contents

Assembled Electric Scooter



Accessories

Screw x 2



Hexagon Wrench

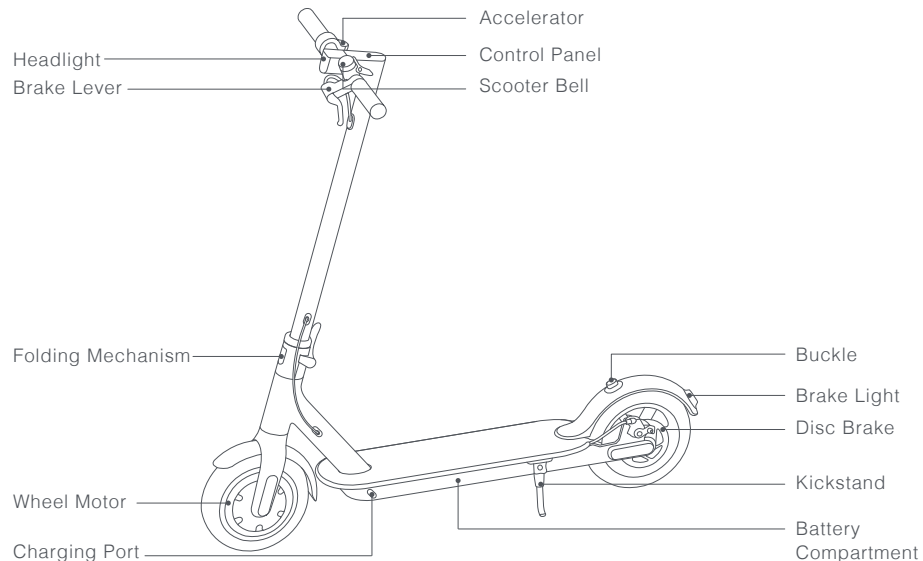


Charging Adapter



Carefully check package contents, if anything is missing or damaged, please contact customer service at sales@gyrocopters.ca

2 Product Overview



Control Panel



Battery level display

Mode display

Power button

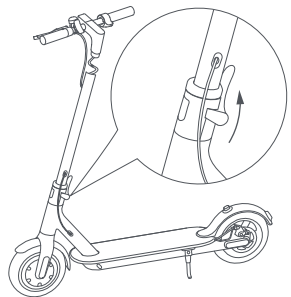
The power level is indicated by four power lights on the control panel. As power is consumed, the lights will change from solid to flashing, and finally turn off from up to down. When all four power lights are on, the battery level is between 100% - 86%; When three lights are solid and one is flashing, the battery level is between 85% - 71%, and so on. When the bottom power light flashes, it indicates low power. Please recharge soon for further use. After running out of power, all lights will turn off, and the scooter will coast until it comes to a complete stop.

The bottom light either flashes white or green. The white light indicates regular mode, and green light indicates power-saving mode.

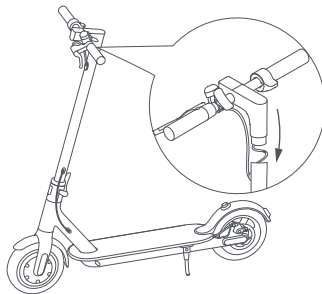
When the scooter is off, press the button to turn on the scooter; When the scooter is on, press and hold for 2 seconds to turn off the scooter. After turning on, press the button to turn on or off the headlight; And press twice to switch between modes.

3 Assembly and Set-Up

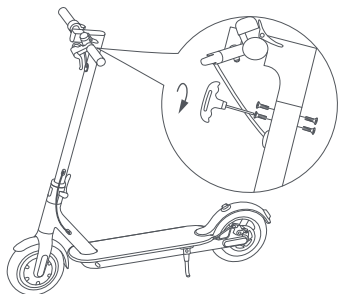
1. Fasten the handlebar stem on the headset, and put the kickstand down



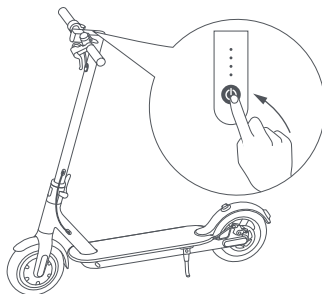
2. Attach the handlebar to the stem



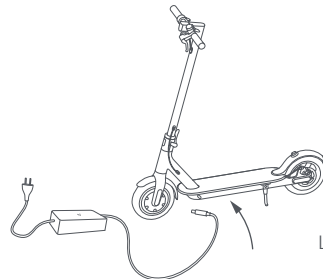
3. Tighten the screws onto both sides of the stem with the hexagon wrench



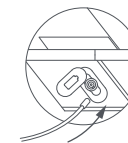
4. After the assembly, press the power button to check if it's working properly



4 Charge Your Scooter



Lift up the rubber flap

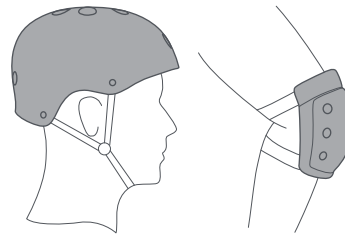


Plug the power adapter into the charging port

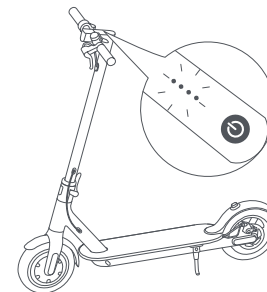


When charging is completed, put back the rubber flap

5 How To Ride



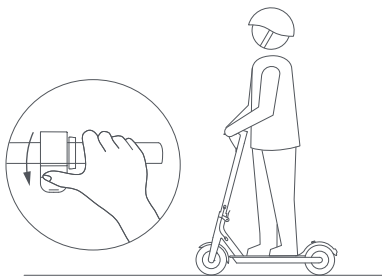
Wear helmets and knee pads in case of falls and injuries when you learn to ride the scooter



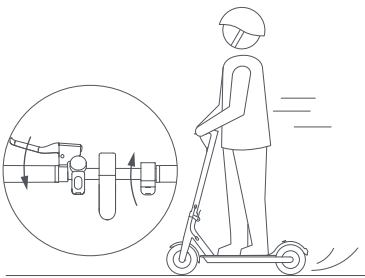
1. Turn on the scooter, and check the power indicator



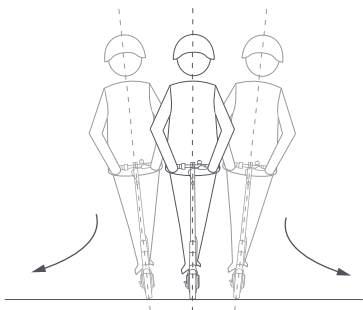
2. Step on the deck with one foot, and slowly kick off the other on the ground



3. When the scooter starts to coast, put both feet on the deck and press the accelerator (the accelerator initiates once the coasting speed exceeds 5 km/h)



4. Release the accelerator and the kinetic energy recovery system (KERS) initiates automatically to brake slowly; And squeeze the brake lever for a sudden brake




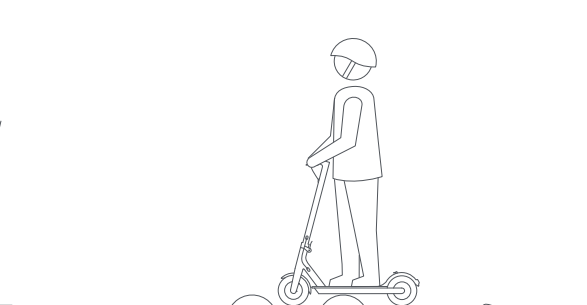
5. Tilt your body to the steering direction as you turn, and slowly turn the handlebar


6 Safety Instructions

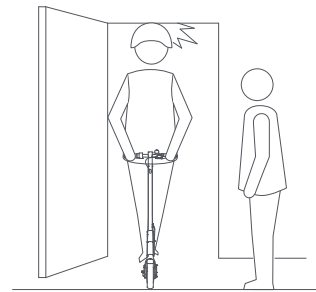
Watch out for safety risks




 Do not ride in the rain



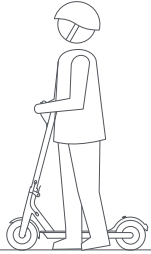
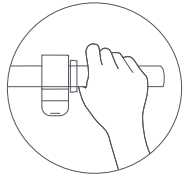
 Keep your speed between 5-10 km/h when you ride through speed bumps, elevator door sills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces




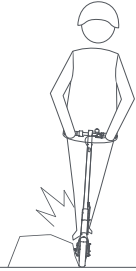
 Look out for doors, elevators and other overhead obstacles



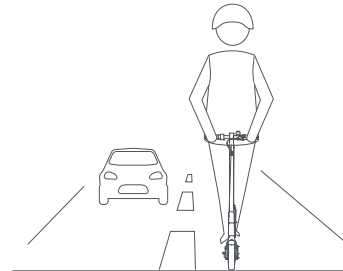
 Do not accelerate when you go downhill




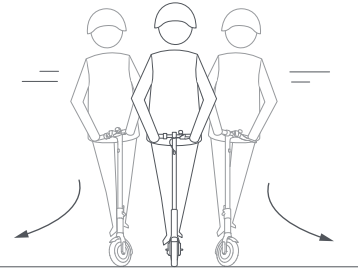
 Do not press the accelerator when you're walking alongside the scooter




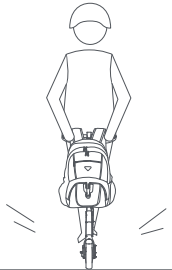
 Always steer clear of obstacles




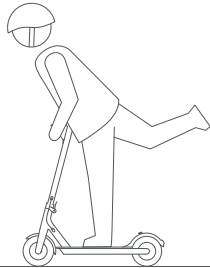
 Do not ride in traffic lanes or residential areas where vehicles and pedestrians are both allowed




 Do not turn the handlebar violently during high-speed riding




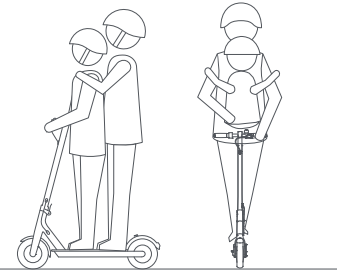
 Do not hang bags or other heavy stuff on the handlebar




 Keep both feet on the deck all time.



 Do not ride in a ponding that is higher than 0.78 inches

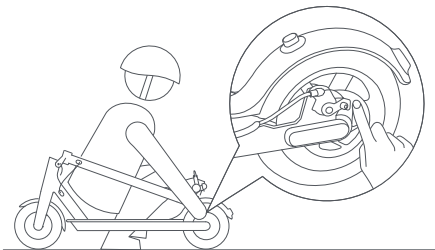


 Do not ride with anyone else, including children

Do not try following dangerous actions



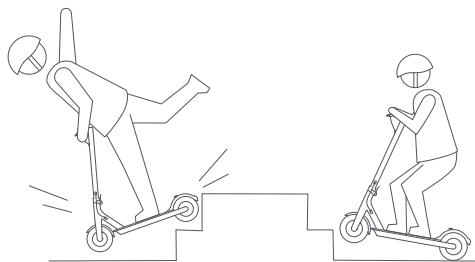
⊗ Do not keep your feet on the rear mudguard



⊗ Do not touch the disc brake



⊗ Do not keep your hands away from handlebar



⊗ Do not try riding up or down stairs, and jumping over obstacles

Safety Reminder

- This electric scooter is a leisure device. But once they're in a public area, they'll be seen as vehicles, subjecting to any risks faced by vehicles. For your safety, please follow instructions in the manual and traffic laws and regulations set forth by government and regulatory agencies. (Pour votre sécurité, veuillez suivre les instructions contenues dans le manuel et les lois sur la circulation et les règlements énoncés par les organismes gouvernementaux et réglementaires.)

At the same time, you should understand that risks cannot be entirely avoided as others may violate traffic regulations and drive incautiously, and you're exposed to road accidents just as when you're walking or biking. The faster the scooter is, the longer it takes to stop. On a smooth surface, the scooter may slip, lose balance, and even result in a fall. Thus it is crucial that you use caution, keep proper speed and distance, especially so when you're unfamiliar with the place.

Respect pedestrians' Right of Way. Try not to startle them while driving, especially children. When you ride from behind pedestrians, ring your bell to give them a heads-up and slow your scooter to pass from their left (applicable to countries where vehicles drive on the right). When you ride across pedestrians, keep to the right at a low speed. When you drive across pedestrians, keep the lowest speed or getting off the vehicle.

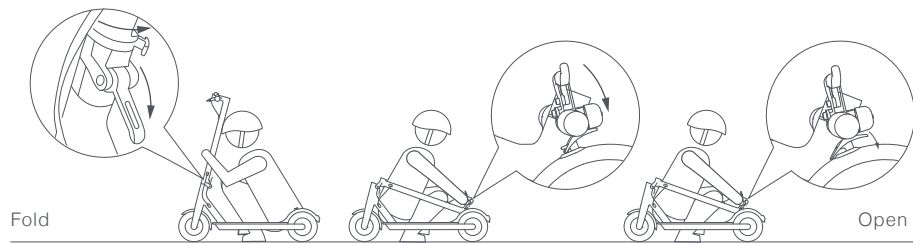
Closely follow the safety instructions in the manual. Gyrocopters shall not be liable for any financial losses, physical injuries, accidents, legal disputes and other interest conflicts resulted from actions that violate user instructions.

Do not lend your scooter to whoever knows not the operations. And when you do lend it to your friends, please take the responsibility to ensure he/she knows the operation and wears the safety gear.

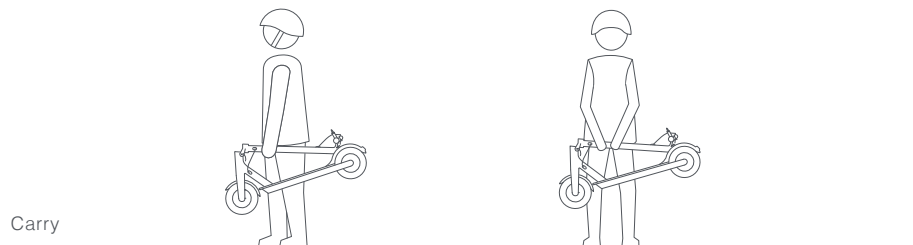
Check the scooter before every use. When you note loosen parts, low battery alerts, excessive wear, strange sounds, malfunctions and other abnormal conditions, stop riding immediately and call for professional support.

WARNING – Risk of Fire – No User Serviceable Parts.
AVERTISSEMENT - Risque d' incendie -Aucune des pièces ne peut être réparée par l' utilisateur.

7 Folding and Carrying



Make sure that the scooter's turned off. To fold, unlock the folding mechanism, and bend the handlebar stem to hook the buckle on the rear mudguard. To open, press the bell trigger to remove from the buckle, erect the handlebar and lock the folding structure.



Hold the handlebar stem with either one hand or both hands to carry.

8 Daily Care and Maintenance

Cleaning and storage

If you see stains on the scooter's body, wipe them off with a damp cloth. If the stains won't scrub off, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth. If you see scratches on plastic parts, use sandpaper or other abrasive materials to polish them.

Notes: do not clean the scooter with alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to prevent dire damage. Do not wash the scooter with a high-pressure water spray. During cleaning, make sure that the scooter's turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems.

When the scooter's not in use, keep it indoors where it is dry and cool. Do not put it outdoors for long time. Excessive sunlight, overheating and overcooling accelerate tire aging and compromise the scooter and the battery pack's lifespan. (Lorsque le scooter n'est pas utilisé, gardez-le à l'intérieur dans un endroit sec et frais. Ne le mettez pas en plein air pendant longtemps. La lumière du soleil excessive, la surchauffe et le sur-refroidissement accélèrent le vieillissement des pneus et compromettent le scooter et la durée de vie de la batterie.)

Battery maintenance

1. Use original battery packs, use of other models or brands may bring about safety issues;
2. Do not touch the contacts. Do not dismantle or puncture the casing. Keep the contacts away from metal objects to prevent short circuit which may result in battery damage or even injuries and deaths;
3. Use original power adapter to avoid potential damage or fire;
4. Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries.
5. After every use, fully charge the battery to prolong its lifespan.

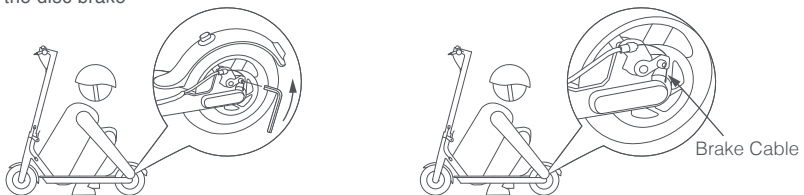
Do not place the battery in an environment where the ambient temperature is higher than 122°F or lower than -4°F (e.g., do not leave the scooter or the battery pack in a car under direct sunlight for an extended time). Do not throw the battery pack into fire as it may lead to battery failure, battery overheating, and even another fire. If the scooter is expected to be left idle for more than 15 days, please fully charge the battery and place it in a dry and cool place. Keep in mind to recharge it every 30 days to protect the battery from potential damage which is beyond limited warranty.

Always charge before exhausting the battery to prolong the battery's lifespan. The battery pack performs better at normal temperature, and poor when it is below 32°F. For instance, when it is below -4°F, the riding range is only half or less at normal state. When the temperature rises, the riding range restores.

Note: fully charged Electric Scooter will last for 120-180 days.

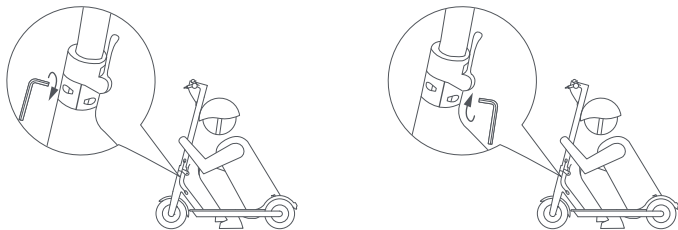
The damage caused by prolonged no charge is irreversible and is beyond limited warranty. Once the damage is done, the battery can not be recharged (non-professionals are forbidden to dismantle the battery pack, as it may cause electric shock, short circuit or even major safety accidents).

Adjusting the disc brake



If the brake is too tight, use the M4 hexagon wrench to loosen the screws on the caliper, and slightly send back the brake cable to shorten the exposed length, then tighten the screws. If the brake is too loose, loosen the screws, and slightly pull out the brake cable to lengthen the exposed length, then tighten the screws.

Adjust the handlebar



If the handlebar and its stem sway during riding, use the M5 hexagon wrench to tighten the screws on the folding mechanism.

9 Specifications

Performance index	Items	Specifications
Dimensions	L × W × H [1] (inch)	42.5×16.9×44.9
	After folding: L × W × H (inch)	42.5×16.9×19.3
Weight	Item weight (kg)	Approx. 12 kg
Riding requirements	Max Load	100 kg
	Age	16–50
	Height (cm)	120 - 200 cm
Main parameters	Max. speed (km/h)	Approx. 25
	General range[2] (km)	Approx. 20
	Max. climbing angle (%)	Approx. 14
	Suitable surfaces	Cement, asphalt and mud roads; bench lower than 1cm; crevice narrower than 1.2 inch
	Operating temperature (°F)	14–104
	Storage temperature (°F)	-4–113
Battery pack	IP rating	IP54
	Rated voltage (VDC)	36
	Max. input voltage (VDC)	42
	Rated capacity (Wh)	280
	Intelligent battery management system	Unusual temperature/short circuit/under voltage/over current/dual overcharge/dual over-discharge protections
Wheel Motor	Rated power (W)	250
	Max. power (W)	500
Charging adapter	Output power (W)	71
	Input voltage (VAC)	100–240
	Output voltage (VDC)	42
	Output current (A)	1.7
	Charging time (h)	Approx. 5

[1] Item height: from the ground to the top of the scooter;

[2] General range: measured when it is no wind and at 77°F, the scooter's fully charged to ride at a even speed of 15 km/h on a flat surface with a load of 75 kg.

Note: data and specifications may vary due to different models, and are subject to change without notice.

10 Warranty Details

Gyrocopters offer 90 days warranty on all products. 90 days warranty commences from the date of purchase.

Please retain your payment receipt/Order# as proof of purchase is required to claim warranty repairs. All defective merchandise are eligible for repair within 90 days from the original purchase date.

This warranty **does not cover normal wear and tear** wheel or any other physical damage or liquid damage caused to your parts or your unit by improper usage or improper handling.

Warranty does not cover over-charging, or damages due to improperly maintaining the lithium battery installed in the unit. Opening and altering the device will void any original manufacturing warranty.

By opening your unit, you acknowledge that you assume all responsibility for your device, and its functionality or lack thereof. We assume no liability for loss or damages caused by unsafe riding and/or improper usage. Our warranty does not cover when used unsafely or out of limits.

Gyrocopters will only accept returns or unused and undamaged products that are returned in the original packaging within 14 days of your purchase date.

IMPORTANT: This warranty does not cover physical damages resulting from accident, misuse or abuse, lack of reasonable care, the affixing of any attachments, stunts, tricks, loss of parts, over-load or subject in the product to any but the specified voltage. Use of unauthorized replacements parts will void warranty. This warranty is only eligible for the purchase of the initial Gyrocopters FLASH electric Scooter. No responsibility is assumed for any special incidental or consequential damages.

Contact details:

Gyrocopters e-mobility systems

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For Sales: sales@gyrocopters.ca

For Support: support@gyrocopters.ca

