



F[⚡]ash 5.0

Flash 5.0 Manual

HELMETS SAVE LIVES!

Always wear a properly fitted helmet that complies with CPSC or CE safety standards when you ride your scooter.



Correct Fitting:

Make sure your helmet covers your forehead.



Incorrect Fitting:

Forehead is exposed and vulnerable to serious injury.

WARNING

Like any mechanical parts, the Flash 5.0 undergoes wear and stress. Materials and components may respond differently to wear or fatigue. If a component exceeds its design life, it could fail suddenly, posing a risk of injury. Replace any component showing signs like cracks, scratches, or color changes in high-stress areas. Avoid riding aggressively.

CAUTION

In this manual, the CAUTION sign indicates a hazardous situation which, if not avoided, can cause minor or moderate injury.

WARNING

Great care should be taken with the Flash 5.0 when folding or unfolding.
DO NOT RIDE YOUR FLASH 5.0 WITHOUT ALL RELEASES SECURELY LOCKED.

WARNING!

PLEASE READ THE USER MANUAL THOROUGHLY.

Failure to follow the basic instructions and safety precautions listed in the user manual can lead to damage to your device, other property damage, serious bodily injury, and even death.

Thank you for purchasing the Flash 5.0. Please read all instructions carefully before using and retain this manual for future use and reference.

This manual applies to the Gyrocopters Flash 5.0

- In order to avoid dangers that are caused by collisions, falls, and loss of control, please learn how to ride safely.
- You can learn operating skills by reading the product manual and watching videos.
- This manual includes operating instructions and precautions. Users must read it carefully and follow the instructions.
- All users are responsible for any consequences caused by violating warning contents or prompt operations. Gyrocopters Flash 5.0 can not be held liable.

ATTENTION

1. Use only the supplied charger with this scooter.

Charger Manufacturer: Shenzhen hyleton Technology Co.,Ltd.

Model: HLT-180-4201500

2. The operating temperature range of the charger is $-4 - 140^{\circ}\text{F}$ ($-20 - 60^{\circ}\text{C}$).
3. The operating temperature range of the E-Scooter is $32 - 113^{\circ}\text{F}$ ($0 - 45^{\circ}\text{C}$).
4. Do not ride on icy or slippery surfaces
5. Read the operation manual and warning labels before riding.
6. Store the scooter in a dry, ventilated environment.
7. When transporting the Flash 5.0 avoid violent crashes or impact.

LOW TEMPERATURE WARNING

Low temperature will affect the lubrication of moving parts inside the scooter increasing internal resistance. At the same time, in low temperatures, the discharge capacity and the capacity itself of the battery will be significantly decreased.

Use caution when riding the scooter cold temperatures (below 40 degrees F).

Doing so may increase the risk of mechanical failures of the scooter, which may lead to damage to your device, other property damage, serious bodily injury and even death.

SAFETY INSTRUCTIONS

- Keep the device away from heat, direct sunlight, humidity, water, and liquids.
- Do not use the device if exposed to water, moisture, or damage to prevent shock, explosion, injury, or device damage.
- Avoid using the device if dropped or damaged.
- Manufacturer should handle electrical repairs; improper repairs void the warranty and pose risks.
- Avoid puncturing or damaging the product's surface.
- Keep the device dust-free.
- Use the device only for its intended purpose to prevent damage, injury, or death.
- This product is not a toy; keep it away from children.
- Avoid exposing batteries to excessive heat or open flame.
- Prevent contact with moving parts, wheels, or drive-train while the Flash 5.0 is running.
- Do not use the Flash 5.0 until you understand all instructions, warnings, and safety features in the manual.
- Consult your doctor if you have a medical condition affecting your ability to use the Flash 5.0.
- Individuals with head, back, or neck issues or surgeries in those areas should avoid using Flash 5.0.
- Do not operate if pregnant or have a heart condition.
- Those with physical or mental conditions making them susceptible to injury or impairing their ability to follow safety instructions should not use Flash 5.0.

INTRODUCTION

This manual is designed to give you the information you need for the safe operation and maintenance of your new Flash 5.0 scooter. Please read it thoroughly before riding your Flash 5.0.



WARNING

Make sure you read this complete manual before riding your Flash 5.0. Failure to do so, or failure to follow its guidelines could lead to serious injury or death.

The Flash 5.0 is a personal transporter. Our rigorous testing ensures quality. Failure to follow this manual may damage the scooter or cause injury.

PACKAGE CONTENTS

- Flash 5.0 Electric Folding Scooter
- Charging Cable
- Charger
- Operation Manual

Your Flash 5.0 serial number is stamped respectively on the kickstand side of the platform. Record the serial number in the designated area of the "WARRANTY" section of this manual in the event that your Flash 5.0 is lost or stolen.

SAFETY PRECAUTIONS

- Use common sense as the first rule for safe riding.
- Check local laws for riding electric devices on public roads.
- Flash 5.0 is not responsible for violations resulting from not following local laws.
- For safety, always wear a helmet meeting CPSC or CE standards to prevent serious injury or death in accidents.
- Follow local traffic laws, including signals, signs, and pedestrian crossings.
- Ride in the direction of traffic.
- Be defensive and anticipate unexpected situations.
- Yield to pedestrians and maintain a safe distance.
- Alert pedestrians before passing from behind.
- Slow down at intersections, checking left and right before crossing.

SAFETY CHECKLIST

- Ride within your skill level and practice all functions of your Flash 5.0.
- Avoid excessive speed to reduce the risk of accidents and injuries.
- Do not ride with pets.
- Ensure the scooter is on level ground before use.
- Avoid opening or modifying the scooter to maintain the warranty and prevent accidents.
- Operate responsibly to avoid danger to people or property.
- Maintain a safe distance when riding with friends to prevent collisions.
- Keep feet on the scooter at all times to avoid accidents.
- Avoid operating under the influence of drugs or alcohol.
- Use your judgment to avoid dangerous situations.
- Avoid off-road or skateboard-like use, as it may void the warranty and cause injuries.
- Avoid physical abuse, including dropping the scooter, to prevent damage and warranty void.
- Avoid operating in or near hazardous terrain and conditions.
- Use the scooter on flat, even paved surfaces only.
- Do not ride in inclement weather or extreme conditions.
- Bend your knees on bumpy surfaces for balance and shock absorption.
- Carry the scooter over obstacles and uncertain terrain.
- Pay attention to surroundings and road conditions.
- Avoid crowded areas and use caution when indoors.
- Do not operate while distracted or near motor vehicles.
- Do not ride where not permitted, near motor vehicles, or on public roads.
- Avoid steep hills, carrying items, or having multiple riders.
- Individuals with balance issues, pregnant women, young children, and the elderly should not operate the scooter.
- Consider longer stopping distances at higher speeds.
- Do not jump on or off the scooter.
- Avoid stunts or tricks with your scooter.
- Don't ride in dark or poorly lit areas.
- Stay away from potholes, cracks, and uneven surfaces.
- Do not use the scooter off-road.
- Avoid sharp turns, especially at high speeds.
- Adhere to weight limits.
- Avoid unsafe places, including those with flammable materials.
- Keep away from swimming pools and bodies of water.
- Your Flash 5.0 scooter lacks reflectors, so avoid low-visibility conditions. If riding in such conditions, use the LED light and wear reflective clothing.

WARNING

For safety, adults must supervise. Avoid roads, motor vehicles, steep inclines, steps, and water bodies. Always wear shoes and permit only one rider.

WARNING

Prioritize safety to prevent accidents; follow the rider's checklist above.

CARE & MAINTENANCE

- Do not expose the device to liquid, moisture, or humidity to avoid damage to the product's internal circuitry.
- Do not use abrasive cleaning solvents to clean the device.
- Do not expose the device to extremely high or low temperatures as this will shorten the life of the electronic device, destroy the battery, and/or distort certain plastic parts.
- Do not dispose of the device in fire as it may explode or combust.
- Do not expose the device to contact with sharp objects as this will cause scratches and damage.
- Do not let the device fall from high places, as doing so may damage the internal circuitry.
- Do not attempt to disassemble the device.
- Use only the charger provided by Flash 5.0
- Do not stand on fender/lift the electric scooter from the fender. This may cause breakage.

WARNING

Avoid using water or other liquids for cleaning. If water or other liquids enter the Flash 5.0, it will cause permanent damage to the internal components.

WARNING

Users who disassemble the scooter without permission will void the warranty.

BATTERY CARE / MAINTENANCE

BATTERY SPECIFICATIONS

Battery Type: Rechargeable lithium-ion battery

Charge Time: 5-6 hours

Battery Voltage: 37V

Battery Capacity: 7.5 Ah

Working Temperature: -4°F - 140°F

Charging Temperature: 32°F - 113°F

Storage Time: 1 month

Storage Temperature: -4°F - 104°F

Storage Humidity: 5% - 95%

BATTERY MAINTENANCE

The lithium-ion battery is built into the device. Do not disassemble the device to remove the battery or attempt to separate it from the device. Make sure to charge scooter at least once a month or battery may not revive anymore.

- Use the provided 1-pin cable to charge or ensure battery charging conditions are met.
- Avoid connecting the device or battery directly to a power supply plug or car's cigarette lighter.
- Keep the device and batteries away from fire and direct sunlight to prevent overheating, breakage, or ignition.
- Stop charging if the battery doesn't recharge within the specified time to avoid overheating, rupture, or ignition.
- Do not try to modify, change, or replace the battery.
- Avoid using the device if the battery emits odor, overheats, or leaks.
- Do not touch leaked materials or inhale emitted fumes.
- Keep the battery away from children and animals; it contains hazardous substances. Do not open or insert anything into the battery.
- Use only the provided charger. Refrain from charging the device if the battery discharges or emits substances; move away immediately in case of fire or explosion.
- Lithium-ion batteries are hazardous; adhere to local, state, and federal laws for recycling, handling, and disposal.

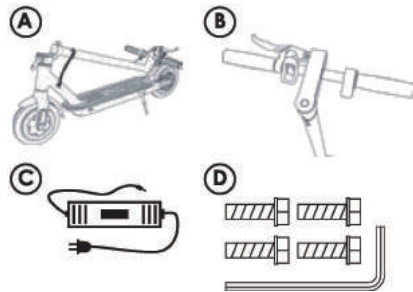
Failure to follow the safety precautions listed below could lead to serious bodily injury and/or death.

SPECIFICATIONS

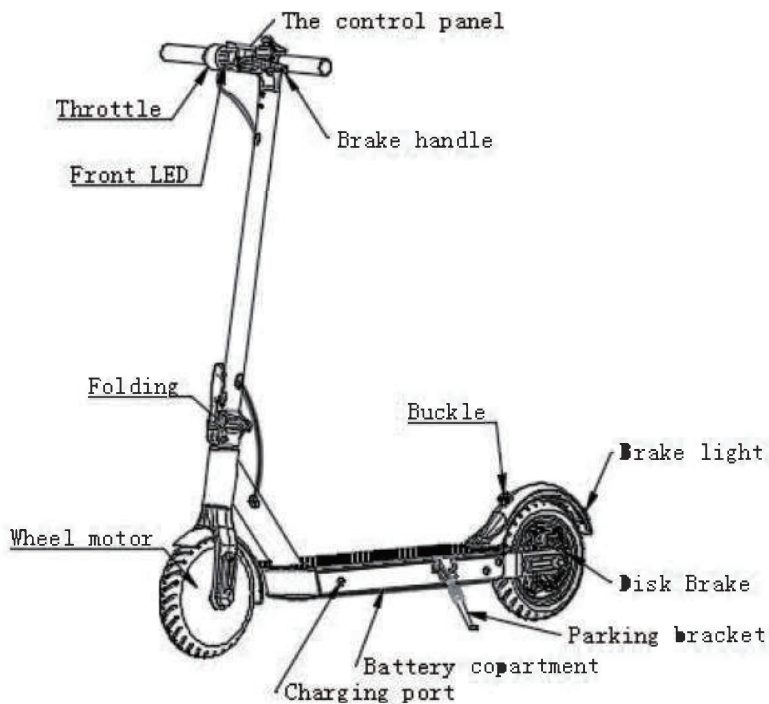
Model:	Flash 5.0
Net Weight:	28.6 lbs (13 kg)
Max Supported Weight:	264.5 lbs (120 kg)
Max Speed:	Up to 18 miles (30 km/h)
Speed Level:	4 Speed Level -6km/10 km/ 20 km/ 30 km)
Max Distance Range:	Up to 17 miles (22-28 km)
Battery Type:	Lithium-ion
Motor Power:	350W Brush-less Motor
Battery Voltage:	37 V
Battery Capacity:	7.5 Ah
Power Requirement:	AC 100-240V, 50/60 Hz
Folding Size:	(42in. x 16.5in. x 19.2in.) (107cm x 42cm x 49cm)
Open Size:	(42in. x 16.5in. x 44.8in.) (107cm x 42cm x 114cm)
Tire Type:	Honeycomb Solid Tire
Tire Size:	8.5" Front & Rear
Brake Type:	Handle Activated Rear Disk

PARTS LIST

- A. Scooter Frame**
- B. Handle Bar Assembly**
- C. Charger + Charge Cable**
- D. Allen Wrench & Bolts**



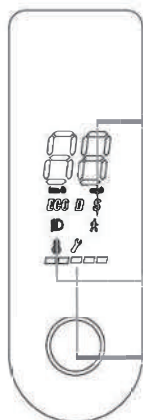
FLASH 5.0 DIAGRAM



FLASH 5.0 DIAGRAM



LCD DISPLAY



SPEEDOMETER

Displays your current speed in KMS. Displays the current speed in Level: Ensure it is power on, Press twice to switch modes:

- 1 Comfort (ECO) - Speed 10Kms
- 2 Normal (D) -Speed 20Kms
- 3 Sports (S) - Speed 30Kms
- 4 Walk - Speed 6Kms

SWITCH FROM KMS/MPH

Press the power button three times to switch from Kms to Mph

HEADLIGHT ICON

Indicates the headlight is activated.

BATTERY INDICATOR

Displays your current battery level.

NOTE:

- BACK LIGHT BLINKS FOR SAFETY ON WALKING MODE.

CHARGING YOUR GYROCOPTERS FLASH 5.0

CHARGING THE DEVICE

- Ensure that the charging port is clean and dry.
- Make sure that there is no dust, debris or dirt inside the port.
- Plug the charger into a grounded wall outlet.
- Connect the cable with the power supply (100V ~ 240V; 50/60 Hz).
- Align and connect the 1-pin charging cable into the charging port of the Flash 5.0 Scooter.

(DO NOT FORCE OR BEND THE CHARGING CABLE AS IT MAY CAUSE THE PRONGS TO BEND OR BREAK.)

- The charging indicator light on the charger itself should change to RED, indicating that your device is now being charged.
- When the RED indicator light on your charger turns to GREEN, then your device is fully charged.
- After fully charging your Scooter, unplug the charger from your device and from the power outlet.



CAUTION

Only use the included charging cable and charger to charge your Flash 5.0. Using any other unauthorized charger may damage your Flash 5.0.



WARNING

Any Flash 5.0 that does not work properly can cause you to lose control and fall. Inspect the entire device thoroughly before every ride, and do not ride it until any problems have been corrected.

PREPARING YOUR SCOOTER

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

ATTACHING THE HANDLEBAR KIT

Attach the handle bar kit by placing it into the steering column, align the front and back screw holes, and tighten the 4 screws into place using the allen keys provided in the box.



PINCH POINTS

Some parts of your Flash 5.0 can injure you if mishandled. Moving and folding parts can cut skin. Clamps and pivoting parts such as brake levers can pinch. When folding and unfolding your Flash 5.0, Please watch for pinch points where possible injury may be sustained. Do not leave your hand in these areas during folding or unfolding.



FOLDING & UNFOLDING

FOLDING & UNFOLDING YOUR FLASH 5.0 SCOOTER.

To unfold your scooter press down on the folding clip and pull the steering column up. Raise the safety lock up and push it into place to secure the steering column. You will hear a "click", indicating the steering column is locked. Ensure the steering column is secured in place.



4- SPEED MODE

FLASH 5.0 Speedometer offers four speed modes: Comfort - 10 Kms, Normal - 20 Kms, Sports - 30 Kms, Walk - 6 Kms. Make sure the power is turned on, press twice to change modes.

CRUISE CONTROL

To active cruise control, you must hold the throttle at a constant speed above 3mph for 5 seconds. For example, if you want to activate cruise control at 10mph, hold the throttle at 10 mph for 5 seconds. You will hear a beep and the cruise control indicator will light up on the LCD display indicating that it is activated.

BEFORE RIDING



WARNING

Any Flash 5.0 Scooter that does not work properly can cause you to lose control and fall. Do not ride the scooter with a part that is damaged; replace the damaged part before riding.

It is important that you fully understand all elements of your scooter. If these elements are not used correctly, you will not have full control of your scooter. Before you ride, learn the functions of the various mechanisms on your scooter.

Practice using these elements of your Flash 5.0 at slower speeds in a flat, open area before taking the device out in public areas.

PRE-RIDE CHECKLIST

Ensure that your scooter is in proper working order each and every time you ride. If a part of the scooter does not function correctly, please contact our Customer Support Center.

- Ensure the battery is fully charged before riding your scooter.
- If the Flash 5.0 scooter is not used for an extended period of time, you may need to recharge the battery at least once a month to maintain the battery life.
- Please wear all appropriate safety and protective gear as previously mentioned in the User Manual before operating your device.
- Make sure to wear comfortable clothes and flat closed-toe shoes when operating your device.
- Please carefully read the Operation Manual, which will assist in explaining the basic working principles and provide tips on how to best enjoy your experience.

RIDING YOUR GYROCOPTERS FLASH 5.0 SCOOTER

FAILURE TO FOLLOW ANY OF THE FOLLOWING SAFETY PRECAUTIONS CAN AND MAY LEAD TO DAMAGE TO YOUR DEVICE, VOID YOUR MANUFACTURER WARRANTY, LEAD TO PROPERTY DAMAGE, CAUSE SERIOUS BODILY INJURY, AND CAN LEAD TO DEATH.

OPERATING YOUR DEVICE

Make sure the device is fully charged before the first initial use. Before turning on your scooter, ride it like a normal kick scooter to get comfortable with the device before using it with the motor.

When comfortable riding the scooter, power it on. For the motor to activate, you must first start riding the scooter and then push the hand Throttle down with your thumb.

To slow down the scooter, disengage the Throttle and squeeze the Brake handle to engage the disk brake. The Brake is pressure sensitive so a tighter grip means more stopping power.

To turn, use the handlebar to turn in the direction you wish to turn.

The scooter can be operated manually if you do not wish to use the motor.

As you get comfortable on the device, you will notice it becomes easier to maneuver. Remember at higher speeds, it is necessary to shift your weight to overcome the centrifugal force.

Prepare to brace yourself if you encounter bumps or uneven surfaces, then dismount and carry your scooter to a safe operating surface.

WARNING

Do not turn sharply or at high speeds to avoid danger. Do not turn or ride quickly along slopes, as it may cause injury.

WEIGHT AND SPEED LIMITATIONS

Speed and weight limits are set for your own safety. Please do not exceed the limits listed in the "Specifications" section of this manual.

WARNING

Overweight exertion on the device may increase possibility of injury or product damage.

OPERATING RANGE

The following are some of the major factors that will affect the operating range of your device.

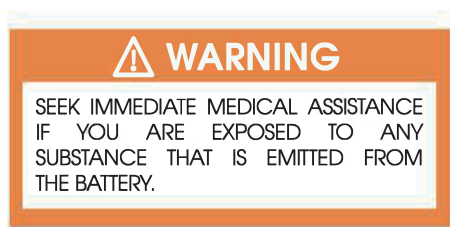
- **Terrain:** Riding distance is highest when riding on a smooth, flat surface. Riding uphill and/or on rough terrain will reduce distance significantly.
- **Weight:** A lighter user will have further range than a heavier user.
- **Ambient temperature:** Please ride and store the device under recommended temperatures, which will increase driving distance; battery life, and overall performance of your device.
- **Speed and Riding Style:** Maintaining a moderate and consistent speed while riding produces maximum distance. Traveling at high speeds for extended periods, frequent starts and stops, idling and frequent acceleration or deceleration will decrease overall distance.

*Do not attempt to stop suddenly as this may lead to injury or damage to your brake discs.

WARNING

Proper use of your brake is vital to ensure safe, efficient stopping. To avoid misuse and potential injury, do not apply sudden or excessive force to your brake. Apply the brake gradually and give yourself enough room to come to a complete stop safely.

Please follow all local, state and federal laws in regards to recycling, handling and disposing of Lead-acid battery.



SAFETY ALERTS

While riding your Scooter, if there is a system error or illegal operation performed the device will prompt the user in a variety of ways.

The following are common occurrences where you will see Safety Alerts. These notices should not be ignored, but appropriate action should be taken to correct any illegal operation, failure or errors.

- Prohibited riding surfaces (uneven, too steep, unsafe, etc.)
- Battery voltage is too low.
- The device is still charging.
- Overheating, or motor temperature is too high.
- When the battery is about to run out of power, the battery icon will flash.
- If any or both tires are blocked, the device will stop after 10 seconds.
- When the battery level has depleted below protection mode, the device motor will power off after 15 seconds.

While sustaining a high discharge current during use (such as riding up a steep slope for a long period of time), the device motor will power off after 15 seconds.

WARRANTY

Manufacturer warranty does not cover any physical/accidental damage due to improper usage. The warranty does not cover normal wear and tear, wheel, fender, or any other physical damage or water/liquid damage to your parts and unit.

For warranty information,
Please visit us at www.gyrocopters.ca or
email us at customercare@gyrocopters.ca
Safety Manual: Version VII

FOLLOW US @IMGADGETS    