



User Manual

Gyrocopters Pro 4.0



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GETTING STARTED

Before learning to ride your scooter, you must read and follow all instructions and warnings in this user manual. It is important that you follow all safety warnings and cautions that appear throughout the user manual and that you use good judgment when you ride your scooter.

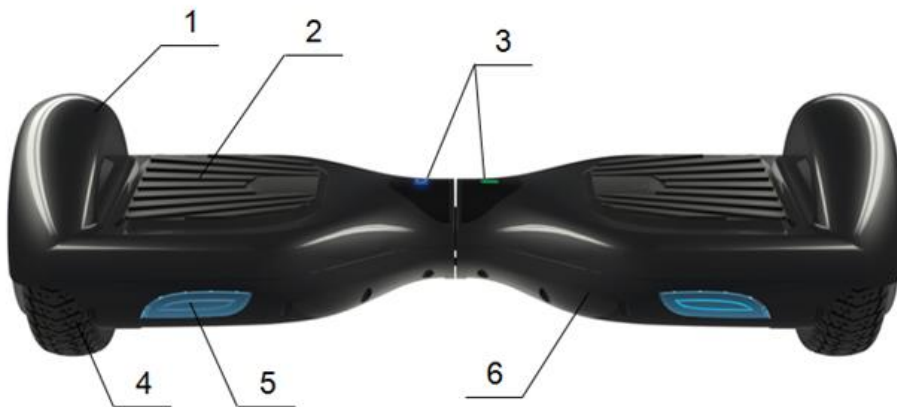
THE RISK OF INJURY

The scooter is a self-balancing, personal scooter that uses balancing technology. Balancing technology cannot prevent injury if you do not ride the scooter safely. Whenever you ride the scooter, you risk death or serious injury from loss of control, collisions, and falls. To reduce the risk of injury, please read and follow all instructions and warnings in the user manual.

DISPOSAL AND STORAGE

Disposal according to local laws.

COMPONENTS



1. Fender	2. Foot Mat	3. Indicator Lights	4. Tire & Motor	5. LED Light	6. Underbody Protection
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HOW TO USE

Powering On The Scooter

Power on your scooter by pressing the Power button. The Power button is located on the back side of the scooter. The indicator lights will illuminate to indicate the power is ON.

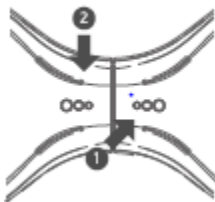
Riding the Scooter

Before riding, make sure your scooter is fully assembled and charged. Inspect your scooter before each use. Do not ride if any part is loose or damaged.

The scooter is highly maneuverable and allows you to easily navigate around obstacles.

However, to prevent the loss of traction, you must always be careful when riding and learn to identify and avoid unsafe surfaces. Slippery, icy or wet surfaces, loose materials (sand/gravel), steep slopes and obstacles might affect the scooter performance.

Familiarize yourself with the indicator lights that may be displayed on the scooter



Warning Indicator Light (Red)- If red warning light is flashing, there is an issue with the scooter (low battery, over speed, power issue, etc.)

Balance Indicator Light (Green) - The scooter is in Balance Mode with ride on.

When light 2 turns red, please power off then turn on again

Step 1. Power ON the scooter by pressing the Power button. Make sure the Battery Status Indicator light is ON.

Step 2: Getting on the Scooter

1. Place one foot on the foot mat.
2. The Balance indicator light will turn ON, enabling the automatic balancing system.
3. Try to keep scooter steady and leveled.
4. Place your other foot on the other foot mat.

Step 3: Moving forward and backward



1. Keep scooter still by remaining level when standing on it.
2. Slightly lean your body forward or backward to enable the scooter to move forward or backwards respectively.

NOTE: When the scooter is unable to achieve a balanced position, an alarm will sound and trigger the Warning Indicator light. The scooter will return to a balanced position automatically. During this process, you should not step on or ride the scooter.

TIP: Body leaning should be done in small increments. Only small leaning angles are needed to drive the scooter forward or backward. Leaning forward or backward too much can affect riding safety.

Step 4: Steering the Scooter

1. Lean your body slightly left, Self- Balancing Scooter will turn to the left, lean right, and it will turn to the right.
2. Press right foot forward to turn left
3. Press left foot forward to turn right



Step 5: Getting off the Scooter

Make sure the scooter is completely stopped and stable before stepping off. Step off the scooter one foot at a time.

CHARGING YOUR SCOOTER

Mini 3-Prong Inline Female Connector



Battery Charge Indicator Light

- When scooter is plugged in and charging, battery charge indicator will be solid red.
- If battery charge indicator is green, the batteries are fully charged.

Battery Charge Indicator Light

1. Plug the charging cable into the Self- Balancing Scooter, make sure green indicator lights up, then connect the cable with the power supply (100V ~ 240V; 50, 60 Hz).
2. When scooter is plugged in and charging, battery charge indicator will be solid red. If battery charge indicator is green, the batteries are fully charged
3. Use local standard plug.
4. The charging time is about 2-3 hours.
5. Keep the charging environment clean and dry

PAIRING YOUR BLUETOOTH DEVICE

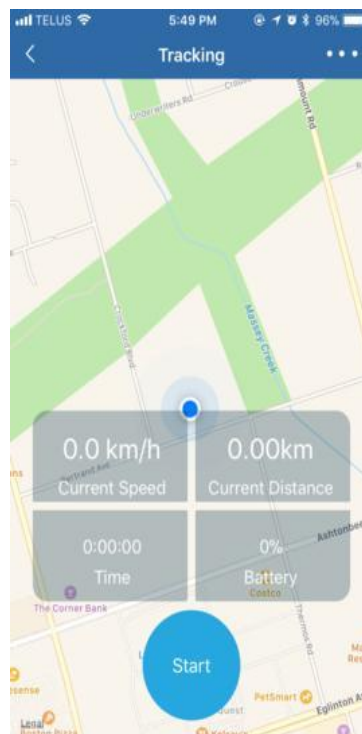
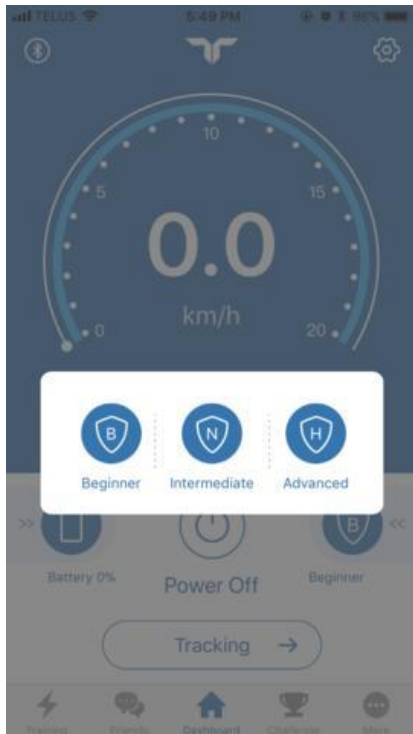
To pair with a Bluetooth® device follow these steps:

1. Make sure both the Bluetooth® function in your device and the scooter are turned on.
2. Open the Bluetooth settings on your device to connect wirelessly to the scooter.
3. On your device, locate the Bluetooth® device list. Select "Bluetooth" from the list.

Resetting Bluetooth® Memory

To reset Bluetooth® Memory, resetting the scooter is needed. Refer to **TROUBLE SHOOTING**

UTILIZING THE APP CAPABILITY OF YOUR HOVERBOARD



1. Install free app called **“Tao Tao Plus”** from your smart phone by visiting App Store on apple device or Play store on any android device.
2. Once TaoTao Plus app is installed, turn on Bluetooth under settings of your mobile device.
3. Power on Gyrocopters Hoverboard and launch the TAOTAO app. Click Bluetooth icon in the top left corner and look for device name **“TAOTAO”** on your smart phone to connect.

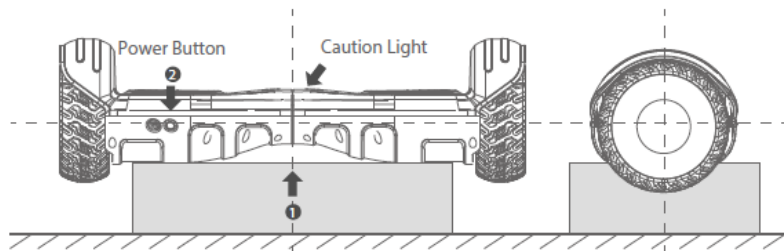
This will connect your mobile device with Gyrocopters Hoverboard and allow you control and view various parameters of Gyrocopters Hoverboard.

If prompted for password, enter 000000.

TROUBLE SHOOTING

Resetting the Scooter

1. Put the scooter on a level surface where the wheels do not make contact with the ground.
2. Press and hold the Power button for 3-5 seconds until caution light flashes and you hear a beeping sound.
3. Turn OFF the scooter and turn ON again.



NOTE: Most issues will be fixed by resetting the scooter. In case the problem is not fixed, please contact your vendor to resolve the issue.

SAFETY ALERTS

While operating, the scooter can alert users if there are any irregularities in the system. If the scooter detects a fault in any of its redundant systems or the batteries are depleted beyond limit, it automatically slows down the motors. Flashes warning indicator light emits a warning tone, and disables self-balancing mode.

Here are some reasons that will trigger the Warning Indicator Light:

- Irregular platform angle
- Low battery voltage
- Plugged in and charging
- Platform distortion while riding (System Shutdown)
- Speed limit reached
- Platform angle is greater than 35 degrees (System Shutdown)
- Wheels get stuck
- Electrical current surge



- Do not get back on the scooter after until the condition that caused the warning alert has been identified and corrected.
- Never restart and ride your scooter after it has indicated an empty battery condition or shutdown due to low battery.

- **The scooter may not have enough power to keep you balanced. If you restart and continue riding, you risk falling. Also, you risk damaging your batteries, resulting in reduced battery life and capacity.**

Driving Safely:

- This self-balancing 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 self-balancing scooter is, the longer it takes to stop. 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 self-balancing 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 self-balancing 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 self-balancing 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.
- When riding the self-balancing scooter, you risk serious injury from loss of control, collisions and falls. It is your responsibility to learn how to safety ride the scooter in order to reduce this risk. To ride safely please adhere to all instructions mentioned in the user manual
- Always wear proper attire when using the scooter, do not wear loose clothing that can get caught in the tires and prevent proper steering.
- Never place anything on the foot mats except your feet.

- Avoid obstacles and surfaces that could result in a loss of balance or traction and cause a fall.
- Use caution when riding over any terrain change such as pavement to sand, grass or speed bumps.
- Avoid riding across steep slopes. Maintain both tires in contact with the ground.
- Avoid holes, curbs and other obstacles.
- Avoid riding over any surface where the bottom of the scooter may impact any object.
- When using on sidewalk, make sure that the wheel does not drop off the curb.
- Use caution when riding in new environments.
- Make sure you leave enough wheel clearance.
- Be careful and considerate of others while riding.
- Always ride under control at a speed that is safe for you and those around you. Always be prepared to stop.
- In heavy pedestrian traffic conditions, slow down and proceed at the pace of pedestrian traffic. Pass only if there is ample space to do so safely. Do not weave in and out of pedestrian traffic.
- When riding with other self-balancing scooter riders, maintain a safe distance, identify hazards and obstacles, and do not ride side-by-side unless there is plenty of room left for pedestrians.
- Cross roads at designated crosswalks or signaled intersections. Do not jaywalk/ride.
- Do not ride your scooter on private property (inside or outside) unless you have obtained permission to do so.
- Use caution on slopes. Use caution when ascending, descending or crossing slopes. When riding across any slope, lean uphill to maintain balance.
- Always turn slowly and with caution. Fast turns can lead to loss of control and falls.
- No passengers. The self-balancing scooter is designed for one rider. Do not ride double or carry any passengers. Do not carry a child in your arms or in a child carrier while riding. Expectant mothers should not ride the scooter.
- Do not exceed the maximum weight limit (rider and all cargo) specified in this manual. If you exceed the maximum weight limit, you are at greater risk of falling and injuries. Also, the rider's weight must not be less than the minimum rider weight limit specified in this manual.
- Do not step off the self-balancing scooter while it is moving. Always come to a stop before stepping off.

- Be alert. As with any other transportation device, you must be mentally alert to safely ride.
- Do not attempt to ride if you are ill or if you cannot comply fully with the instructions and warnings in this manual. Do not ride under the influence of alcohol or drugs.
- Avoid distractions. Do not use a mobile phone, or engage in any other activity that might distract you or interfere with your ability to monitor your surroundings while riding.
- When riding, keep both feet on the foot mats. Be relaxed. Ride in a relaxed position with your knees and elbows slightly bent and head up.
- Do not ride backward for long periods of time. Instead, turn and ride forward.
- Riding on the road: The scooter is not intended or recommended for primary use on roads.
- If you must ride on the road, or must cross the road, be extremely careful. Ride as far away from traffic as possible. Check to make sure that riding on the road is allowed by local law.
- Use the Beginner setting and ride in areas free of obstacles and distractions until you are comfortable using and maneuvering your scooter. Practice at the Beginner level until you can step on, ride forward and backward, turn, stop and step off without any problems.
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WARNING – Risk of Fire – No User Serviceable Parts

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 SAFETY

- Do not use a battery if the battery pack casing is broken or if the battery emits an unusual odor, smoke, excessive heat or leaks any substance. Avoid contact with any substance seeping from the batteries.
- Use original battery packs, use of other models or brands may bring about safety issues
- 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;
- Use original power adapter to avoid potential damage or fire;
- Unplug or disconnect the scooter from AC power before removing or attaching batteries or performing any service. Never work on any part of the scooter when it is plugged into AC power source. You risk serious bodily injury from electric shock as well as damage to the scooter.

The cells within the batteries contain toxic substances. Do not attempt to open the batteries.

Do not insert any object into the batteries or use any device to pry at the battery casing. If you insert an object into any of the battery ports or openings you could suffer electric shock, injury, burns, or cause a fire. Attempting to open the battery casing will damage the casing and could release toxic and harmful substances and will render the pack unusable.

Observe and follow all safety information on the warning label found on the batteries.

- Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries.
- 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.
- 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.

Failure to charge the batteries could result in permanent damage to them. Left unplugged, the batteries could fully discharge over time, causing permanent damage.

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

TECHNICAL SPECIFICATIONS:

- **Motor Power:** 700W Brushless motor
- **Outer Shell:** Hard ABS Outer Body Casing. New and improved incombustible, scratch-resistant and fire-retardant poly carbonate shell casing with Matte finish in multiple colors
- **Battery:** UL2271 certified Brand name Battery (*UL 2271 certification is offered by UL for battery products (cell, module, and pack) for use in a variety of light motive or transportation related applications*).
- **Standby Time:** Up to 7 days
- **Charger:** UL certified AC100-240V/50-60HZ
- **Charger time:** 45 -240 Minutes
- **Wheel Size:** 6.5 inch
- **Wheel Type:** Aluminum Wheels with Rubber Tires
- **Range:** 12 km
- **Max Speed:** 10km/h
- **Climbing ability:** 15°
- **Max Load:** 100 Kg
- **Wireless Bluetooth Speaker** for music streaming
- **Smart App** (iPhone and Android) to control different speed modes
- **DESIGNED AND BASED IN CANADA**

RETRUNS/WARRANTY:

RETURN POLICY

YOU HAVE 14 DAYS FROM THE POSTMARK DATE TO REQUEST A FULL REFUND PROVIDING THE PRODUCT AND ALL ORIGINAL CONTENTS ARE INCLUDED WITH THE ORIGINAL PACKAGING. A 20% RESTOCKING FEE WILL APPLY IF PRODUCT IS NOT IN IT'S ORIGINAL CONDITION AND PACKAGING. ANY SCRATCHES, MARKS, DAMAGE ETC. WILL VOID YOUR ELIGIBILITY FOR A REFUND. WE DO NOT REPLACE FOR ACCIDENTAL DAMAGE.

WARRANTIES

WE ARE PLEASED TO OFFER A 90 DAYS PRODUCT REPAIR WARRANTY FOR ALL OUR MODELS. ALL DEFECTIVE MERCHANDISE, UNLESS OTHERWISE DEFINED ON THIS PAGE, ARE ELIGIBLE FOR REPAIR OR REPLACEMENT WITHIN 90 DAYS FROM THE ORIGINAL PURCHASE DATE GIVEN THAT WARRANTY STICKERS ARE INTACT ON THE UNIT. WARRANTY WILL BE VOID IF WARRANTY STICKERS ARE REMOVED OR ARE TEMPERED WITH BY THE CUSTOMER.

THIS WARRANTY DOES NOT COVER 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 OR ALTERING YOUR DEVICE WILL VOID ANY ORIGINAL MANUFACTURER WARRANTY.

BY OPENING YOUR UNIT, YOU ACKNOWLEDGE THAT YOU ASSUME ALL RESPONSIBILITY FOR YOUR DEVICE, AND ITS FUNCTIONALITY OR LACK THERE OF. 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 OF UNUSED AND UNDAMAGED PRODUCTS THAT ARE RETURNED IN THE ORIGINAL PACKAGING.

IMPORTANT: THIS WARRANTY DOES NOT COVER 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 REPLACEMENT PARTS WILL VOID WARRANTY. THIS WARRANTY IS ONLY ELIGIBLE FOR THE PURCHASE OF THE INITIAL GYROCOPTERS. NO RESPONSIBILITY IS ASSUMED FOR ANY SPECIAL INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Contact details: Gyrocopters e-mobility systems

www.gyrocopters.ca

For Sales: sales@gyrocopters.ca

For Support: support@gyrocopters.ca