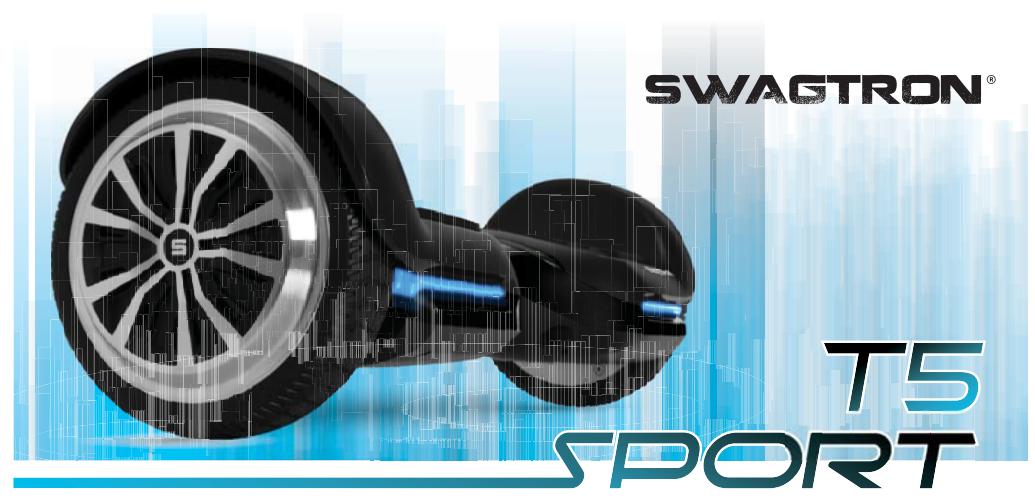




# SWAGTRON®

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## USER MANUAL

In order to continue serving our customers and providing the best products, our product information including our user manuals may receive updates from time to time. Please check our website for the latest user manuals and product materials.  
Ver. 1.0 7/03/17



Thank you for your purchase of the SWAGTRON® T5 Sport Hoverboard by SWAGTRON®!

You're about to take the next step in the evolution of transportation. The SWAGTRON® takes the fun of a skateboard, the ease of an electric scooter, and tops it off with an extra bit of swag.

To ensure your safety and the safety of others, please read and follow the guidelines in this User Manual carefully and thoroughly before riding.

If you have any questions or concerns, contact us at 1-844-299-0625 for further assistance.

Happy Riding!

-The SWAGTRON® Team

DISCLAIMER OF WARRANTY: THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.



## **1 YEAR LIMITED HARDWARE WARRANTY**

Your SWAGTRON® Hoverboard ("Product") includes a One Year Limited Hardware Warranty ("Warranty"). The Warranty covers product defects in materials and workmanship under normal use. This Warranty is limited to residents of the United States and Canada only and is available only to original purchasers. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This Warranty starts on the date of your purchase and lasts for one year (the "Warranty Period"). The Warranty Period is not extended if the Product is repaired or replaced. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

Warranty services are provided by SWAGTRON®. If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, SWAGTRON® will: (1) repair the hardware defect by using new or refurbished parts that are equivalent to new in performance and reliability; or (2) exchange the Product with a product that is new or refurbished which is substantially equivalent to the original product. This Warranty is for one replacement only of like-items and does not cover items out of production if the product is no longer made or stocked. This Warranty is not assignable or transferable. The original purchaser may call SWAGTRON's toll-free number at 1-844-299-0625 for service request.

When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes SWAGTRON's property. This warranty only covers technical hardware defectiveness during the warranty period and under normal use conditions. SWAGTRON® does not warrant uninterrupted or error-free operation of this Product.

This Warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

Important: Do not disassemble the Product. Disassembling the Product will void this Warranty. Only SWAGTRON® or a party expressly authorized by SWAGTRON® should perform service on this Product.

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## VII – SWAGTRON® SPECIFICATIONS

Item	Parameters
Net Weight	20 lbs
Dimensions	23 x 4 x 7 in
Chassis Height	1.18 in
Pedal Height	4.3 in
Chassis Material	Durable shell with UL approved material
Tire Material	Hard Rubber Tire / Aluminum Rimmed Wheels
Maximum Speed	7.5 MPH / 12.07 km/hr
Turning Radius	0°
Climbing Capacity	30°
Maximum Load	220 lbs / 100 kg
Minimum Load	44 lbs / 20 kg
Working Temperature	32°F ~ 104°F (0°C ~ 40°C)
Charging Temperature	32°F ~ 109.4°F (0°C ~ 43°C)
Power	100V – 240V
Battery Type	Rechargeable Lithium Ion Battery
Battery Shielding	Fire-Retardant Plastic Casing
Charger Voltage	29.4Vdc, 2A

Model FY-2942000 manufactured by SHENZHEN FUYUANDIAN POWER CO.,LTD  
Input:100-240Vac,50/60Hz, Output:29.4Vdc,2A  
Model PS65D294V2000S manufactured by SHENZHEN FLYPOWER TECHNOLOGY CO., LTD  
Input:100-240Vac,50/60Hz, Output:29.4Vdc,2A



- + Before storing your SWAGTRON®, fully charge the battery to avoid over discharging due to non-use.
- + Discharge and recharge the battery every three months.
- + Store your SWAGTRON® indoors at a dry and suitable temperature at 14°F ~ 122°F (-10°C to 50°C). DO NOT store it in an unheated garage or shed.

## **6.3 TRANSPORTATION**

 **CAUTION** Lithium ion batteries are considered hazardous materials, therefore transportation is governed by federal, state and local laws.

International law prohibits the shipping of bare lithium ion batteries. If you are shipping your SWAGTRON®, you must ship it with the battery installed.

## **I - GENERAL INFORMATION**

This User Manual will guide you through the functions and usage of your SWAGTRON®T5 Sport. Before operating this vehicle, read all the instructions for safe assembly, charging and operation.

Please inspect the SWAGTRON® unit upon unpacking for any signs of physical damage or defects. Additionally, ensure that the SWAGTRON® unit is fully charged before calibrating and using.

To learn how to charge the SWAGTRON®, please see **SECTION 5.1**

If you have questions, or have misplaced the SWAGTRON® Manual, contact SWAGTRON® before you attempt to use or return your SWAGTRON® board.

### **1.1 ABOUT THE T5 Sport**

The SWAGTRON® T5 Sport is a self-balancing, personal transporter that uses gyroscopic technology to revolutionize the way you travel. Steering and stopping are controlled by **Dynamic Equilibrium** all based on the shifting of your body weight. It's simple to operate, easy to control, and looks incredibly cool!

A zero emissions product, the SWAGTRON® T5 Sport is environmentally friendly and uses only the highest quality components and industry-leading safety features.



## 1.2 WHAT'S IN THE BOX?

- + SWAGTRON® T5 Sport Hoverboard
- + Charging Adapter
- + User Manual

## 1.3 WHAT'S NEW?

The SWAGTRON® T5 Sport Hoverboard contains the latest technology from SWAGTRON®, including all new features that make riding safer and more fun.

- + Built-in Bluetooth® so you can play music and connect to the app
- + High grade aluminum wheels with superior traction tires
- + Non-slip foot pedals for comfortable, more stable riding
- + Solid motor and gear stabilization at high speeds for tighter control at high speeds and downhill traction
- + Battery life at a glance with the LED Battery Indicator
- + Learning Mode and Standard Mode allow for all riding experience levels

Additional safety features make SWAGTRON® the most trusted brand for riders:

- + Patented SWAGTRON® Sentryshield® technology provides multi-layered protection to the battery, mainboard and gears against heat dispersion and fire hazards.



Your SWAGTRON® needs to be maintained in order to always have the best riding experience. Follow the below tips and reminders to keep your SWAGTRON® running in top condition.

### NOTE:

- + Always ensure the POWER is OFF and the unit is not being charged during maintenance.
- + Attempting to repair or modify your SWAGTRON® can void all warranties. Only authorized repair centers may open and service the SWAGTRON®.

Please contact SWAGTRON® support if you need assistance with your unit at 1-844-299-0625.

## 6.1 CLEANING

Proper cleaning of your SWAGTRON® can promote a longer lifespan and a smoother riding experience.

- + Wipe the outer body / shell of your SWAGTRON® with a soft, dry microfiber cloth.
- + Check around the wheels and ensure that there is no blockage. The SWAGTRON's design allows for easy wheel maintenance.
- + The SWAGTRON® can withstand splashes. However, do not submerge the SWAGTRON® in water.
- + Do not let water and liquids get into the SWAGTRON's electric parts or battery.

## 6.2 STORAGE

Below are some tips to consider when storing your SWAGTRON® unit.



#### 5.4.2 While Charging



(1) Be sure to follow the rules listed below while charging the battery. Failure to do so may cause the battery to become hot, rupture or ignite and cause serious injury.

When charging the battery, use a specified battery charger provided in the package.

Do not place the battery in or near fire, or under direct sunlight.

(2) Do not continue charging the battery if it does not recharge within the specified charging time.

Doing so may cause the battery to become hot, rupture or ignite.

The temperature range within which the battery can be charged is 32°F ~ 109.4°F (0°C to 43°C).

Charging the battery at temperatures outside of this range may cause the battery to become hot or to break. Charging the battery outside of this temperature range may also harm the performance of the battery or reduce the battery's life expectancy.

#### 5.4.3 When Discharging the Battery



Do not discharge the battery using any device except for the specified device. When the battery is used in devices aside from the specified device it may damage the performance of the battery or reduce its life expectancy, and if the device causes an abnormal current to flow, it may cause the battery to become hot, rupture or ignite and cause serious injury.



The temperature range within which the battery can be discharged is 14°F ~ 131°F (-10°C to 55°C). Use of the battery outside of this temperature range may damage the performance of the battery or reduce its life expectancy.

## VI – MAINTENANCE





IF YOU ARE EVER IN AN ACCIDENT, PLEASE CONTACT EMS / DIAL 911 IMMEDIATELY.

Maximum Weight	220 lbs / 100 kg
Minimum Weight	44 lbs / 20 kg
Maximum Speed	7.5 MPH / 12.07 km/h
Max Incline	30°

Please see **SECTION IV** for safe riding techniques and additional safety information.

## 1.5 IMPORTANT INFORMATION



TO PREVENT ELECTRIC SHOCK, MATCH THE WIDER PRONG OF PLUG TO THE WIDE SLOT IN OUTLET. FULLY INSERT.



FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.



This product satisfies FCC Regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

If the battery voltage is too low or over-worked during operation, the SWAGTRON® will power off after 15 seconds to protect the internal components from damage.

## 5.4 SAFETY WARNINGS

### 5.4.1 When Using the Battery

(1) Misusing the battery may cause the battery to get hot, rupture, or ignite and cause serious injury. Be sure to follow the safety rules listed below:

- + Do not place the battery in fire or direct contact with heat.
- + Do not pierce the battery with sharp objects, strike the battery with a hammer, step on the battery, or otherwise subject it to strong impacts or shocks.
- + Do not expose the battery to water or any liquids, or allow the battery to get wet.
- (2) Do not disassemble or modify the battery. The battery contains safety and protection devices which, if damaged, may cause the battery to generate heat, rupture or ignite.
- (3) Do not place the battery on or near fires, stoves, or other high-temperature locations. Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Doing so may cause the battery to generate heat, rupture or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.
- (4) If the device is to be used by children, the caregiver should explain the contents of the user manual to the children. The caregiver should provide adequate supervision to ensure that the device is being used as explained in the user manual.
- (2) Immediately discontinue use of the battery if, while using, charging, or storing the battery, the battery emits an unusual smell, feels hot, changes color, changes shape, or appears abnormal in any other way.
- (3) Do not place the batteries in microwave ovens, high-pressure containers, or on induction cookware.
- (4) In the event that the battery leaks and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.



#### NOTE:

- + Indicators cannot be turned off.
- + Immediately stop riding the SWAGTRON® if the warning light is flashing. The unit may be unable to properly self-balance.
- + If the battery is overloaded, the temperature has become too hot. A short buzzer will sound and the System Indicator will begin to flash. Gradually slow down, get off, and power down the unit to allow it to cool down. Once the battery and unit have had time to cool down, the unit will power up normally. If the problem persists, do not ride the unit and contact customer support immediately.

### 5.3 RANGE PER CHARGE

The average distance for which you can ride your SWAGTRON® on a full charge is 8 miles. However, many factors need to be considered when determining the actual range per charge.

Factor	Comment
Speed and Riding Style	Keep a moderate, consistent speed. Frequent starting, stopping, acceleration, and deceleration will reduce riding range.
Topography	Rough terrains or slopes can decrease your range due to motor use. Ride on smooth or even roads for maximum performance.
Weight	The weight of the operator can influence your distance.
Temperature	Avoid environments that are too hot or too cold, as the motor will decrease power to protect itself.

#### DECLARATION OF CONFORMITY:

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.

#### FCC RELATED INFORMATION:

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.



This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.



Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## **1.6 DISPOSAL AT END-OF-LIFE**

This product must not be disposed of by incineration, landfilling, or mixing with household trash. Improper disposal of the battery contained within this product may result in the battery heating up, rupturing, or igniting which may cause serious injury. The substances contained inside the battery present chemical risks to the environment. The recommended disposal for any SWAGTRON® at its end-of-life is to dispose of the entire unit at or through an e-Waste recycling center, program, or facility. Local regulations and laws pertaining to the recycling and disposal of lithium ion batteries and/or products containing them will vary according to country, state, and local governments. You must check laws and regulations corresponding to where you live in order to properly dispose of the battery and/or unit. It is the user's responsibility to dispose of their waste equipment properly with accordance with local regulations and laws.

For additional information about where you should drop off your batteries and electrical or electronic waste, please contact your local or regional waste-management office, your household waste disposal service, or your point-of sale.

Use only the charger provided with your SWAGTRON® unit. If you have lost or misplaced your charger, contact customer support to obtain a replacement.

During operation, if the system encounters an error or is being operated incorrectly, the SWAGTRON® will alert the operator through an alarm and indicator LEDs.

### **NOTE:**

- + When the battery is fully charged, please STOP CHARGING and unplug the unit.
- + Please keep your charging environment clean and dry.
- + If the charging port is damp or has any liquid on it, do not charge your SWAGTRON®.
- + In order for the battery to operate at maximum efficiency, avoid charging your SWAGTRON® in extremely hot or extremely cold environments.

DO NOT charge the battery in the following cases:

- + There is excessive odor or heat.
- + Leakage or physical damage.

Disassembly and battery maintenance should only be performed by an authorized professional. DO NOT touch or consume any substances leaking out of the battery. DO NOT allow children and animals to touch or consume the battery.

## **5.2 BATTERY INDICATOR**

When the battery indicator is at the lowest level or starts flashing, you MUST cease operation of your SWAGTRON® immediately.



## V – BATTERY INFORMATION

Item	Parameters
Battery Type	Lithium-Ion Battery Pack
Charging Time	90-100 Minutes
Voltage	25.9Vdc, 2.6A
Working Temperature	32°F ~ 104°F (0°C ~ 40°C )
Charging Temperature	32°F ~ 109.4°F (0°C ~ 43°C )
Dimensions	73 x 98 x 53.5 mm
Storage Humidity	65±20%RH

### 5.1 CHARGING INSTRUCTIONS

For the safety of yourself and others and to extend the battery's life, please be sure to observe the following instructions.

STEP 1. Plug the charger into a grounded wall outlet (100V-240V; 50-60Hz).

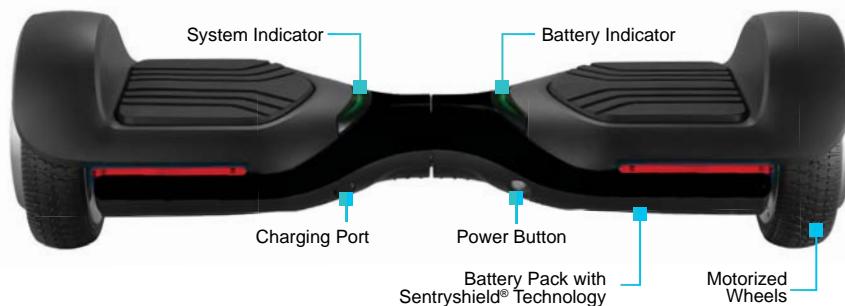
STEP 2. Verify that the green light is on, then plug the other end of the charging unit into the SWAGTRON®.

STEP 3. If charging while the hoverboard is on, the battery indicator will flash and stop flashing when charging is complete.

STEP 4. Total charging time is approximately 90-100 minutes.

## II - PRODUCT FEATURES

### 2.1 SWAGTRON® T5 Sport DIAGRAM





## 2.2 SWAGTRON® SENTRYSHIELD®

Your safety is our top priority. That's why the SWAGTRON® utilizes a premium quality lithium ion battery pack that is specifically designed for your hoverboard. We've also added multilayered protection to give you peace of mind.

Topping it all off is a smart Battery Management System (BMS) that constantly monitors the following areas for your utmost safety:

- + Overvoltage
- + Temperature increases
- + Overcharging of the battery
- + Overcurrent and short circuit protection

For more information on the battery specifications, see **SECTION V**.

## 2.3 LEARNING MODE & STANDARD MODE

The SWAGTRON® includes two riding modes in order to provide both new and expert riders the best experience possible.

To switch between Learning Mode and Standard Mode, use the power button. While the unit is powering on, quickly press and release the power button a second time. A beep will issue to confirm that the SWAGTRON® has changed modes. Follow the same steps to switch back and forth between modes.

For your safety it is recommended to switch modes via the app.

- + Be alert to your surroundings in order to ensure a safe ride. Your eyes are your best tools to safely avoid obstacles and slippery surfaces.
- + Stay in open spaces and flat areas. Avoid steep slopes or high traffic areas until you're familiar with riding.
- + The SWAGTRON® can only support the weight of one person at a time.
- + Remember, only ride the SWAGTRON® where it is permitted. You MUST comply with local laws and give way to pedestrians.



### WARNING:

- Never ride at high speeds on uneven terrain or slopes.
- Never perform stunts or turn abruptly without checking your surroundings.
- Never carry one or more passengers on the SWAGTRON® with you.
- Never carry heavy items while riding.
- Never ride in the rain, dark, or dimly lit areas.
- Never use the SWAGTRON® to do anything that may cause personal injury or property damage.
- Never ride backwards for long distances or at high speeds.
- Never step off the SWAGTRON® when it is in motion.
- Never place anything on the rider detection pads except your feet. Doing so could interfere with the Rider detection system and may cause the SWAGTRON® to travel on its own, risking collision with a person or property and causing injury or damage.
- Never operate your SWAGTRON® near flammable vapor, liquids, dust, or other fire hazards.
- Never ride your SWAGTRON® after consumption of alcohol, drugs, or while intoxicated. You can be arrested for drunk driving.

FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES THE RISK OF SERIOUS INJURY, OR IN VERY RARE CASES, DEATH. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.



## IV – SAFE RIDING TECHNIQUES

We sincerely hope every operator can ride the SWAGTRON® safely. Think back to when you first learned to ride a bike, drive a car, or skateboard.

Although the SWAGTRON® is designed with gyroscopic balancing technology in order to maintain maximum stability, it is still possible to "override" the SWAGTRON® and tip over when riding too fast for the conditions. Following these techniques can help ensure that you have a safe, fun riding experience on the SWAGTRON®.

### CAUTION

- + SWAGTRON® highly recommends wearing appropriate clothing and safety gear including knee pads, elbow pads, wrist braces, and an ASTM F1492 approved helmet for ALL riders of ALL ages at ALL times. Remember safety before Swag!
- + When going through doorways, remember that you are 4.5 in (11 cm) taller on the SWAGTRON®.
- + Avoid wearing anything that can drape over or get caught into/under the wheels.
- + Wear flat shoes to maintain flexibility and stability.
- + Make sure your feet are always on the pedals. Taking your feet off the SWAGTRON® while riding is incredibly dangerous.
- + Ride on even pavement or smooth roads. Relax your legs while riding, knees slightly bent. This helps maintain balance when you encounter uneven grounds.
- + Ensure the vehicle speed is safe for yourself and others, and be ready to stop at any time.
- + When riding near others, keep a safe distance to avoid collisions.

Mode	Comment
Learning Mode	Ideal for new or inexperienced riders. Governs the maximum speed of the SWAGTRON® so you can practice balancing and general movement.
Standard Mode	Experienced riders only. This removes the learning mode restriction and allows the SWAGTRON® to reach maximum speeds.

## 2.4 USING Bluetooth®

1. Power on the T5 Sport to automatically turn on Bluetooth®. The SWAGTRON® will make a sound to indicate that Bluetooth® is on and awaiting possible connection.
2. Using your mobile device, turn on Bluetooth®, make it "discoverable" if needed, then search. "Swagtron" & "Swagtron music" should appear.
3. Select "Swagtron music" and begin connecting if you would like to play music on your T5 Sport. Connect to "Swagtron" through your SWAGTRON app with default password (000000) to switch modes and monitor your SWAGTRON T5 Sport battery status. The SWAGTRON® will make a sound to indicate that the devices have been successfully connected and/or paired.
4. After successfully connecting and/or pairing your SWAGTRON® and your device/app, you may begin playing music or using SWAGTRON® app at any time.
5. To end the connection between the devices, turn off Bluetooth® on your mobile device. The SWAGTRON® will make a sound to indicate that the devices have been successfully disconnected.





Bluetooth® Specification	Bluetooth® V2.1+EDR
Speaker Specification	4Ω 3W/2Ω 5W

In order to properly connect to the app, Bluetooth® V4.0 is required from your mobile device.

#### Notes:

- + The SWAGTRON® will make different sounds to indicate different states:
  - 1.) On and awaiting connection
  - 2.) Connection/pairing successful
  - 3.) Connection terminated
- + Powering on the SWAGTRON® will automatically enable Bluetooth® i.e. Bluetooth® will become enabled and stay enabled as long as the SWAGTRON® is powered on.
- + Some mobile devices immediately become "discoverable" once Bluetooth® is activated. Please check the instructions of your Bluetooth®-enabled device for any trouble with this feature.
- + As with most Bluetooth® devices, it is recommended to keep the connected devices within a reasonable distance from one another. The connection may be terminated or fail to work properly if the connected devices are too far apart.

STEP 3. While the SWAGTRON® remains level, hold the POWER BUTTON down to turn on the unit and keep holding the button down.

STEP 4. Wait an additional 6 seconds and you will hear a single beep. Release the POWER BUTTON and the front LEDs will begin flashing.

STEP 5. Press the POWER BUTTON again to turn the SWAGTRON® off.

STEP 6. Press the POWER BUTTON to turn again on your newly calibrated SWAGTRON® unit.

If the SWAGTRON® is still not calibrated correctly, repeat step 1 to 6 or contact customer support for additional assistance.



### CAUTION

The SWAGTRON® has an inertial dynamic stabilization system that keeps you upright. However, it will stop detecting you if you lean too far left or right or if you take a foot off of the board. Slow down before turning or you will fall off and be injured.

### NOTE:

- + Avoid turning suddenly when riding fast, as this may result in an accident.
- + Avoid riding sideways or turning on slopes. The self-balancing sensors may malfunction and may require recalibration.
- + Do not step on the center pivot point of the SWAGTRON®.
- + If the T5 Sport flips over or rotates more than 180 degrees, the motor and riding capability will be disabled. To restore normal functionality, power off the unit then and power the unit back on. After this, continue to ride as normal.

### 3.3 CALIBRATION

If your SWAGTRON® seems to pull to the left or right during your ride, you may need to recalibrate its sensors. The process requires a flat stable surface and a level. Levels may be purchased separately at most hardware stores or level apps may be downloaded with most smartphones. To calibrate your unit, follow the instructions below.

STEP 1. Power your SWAGTRON® off.

STEP 2. Rotate the SWAGTRON® until both wheel bases are level to the ground. We recommend using a level for best results.

## III – HOW TO RIDE

Get ready to ride with swag! The instructions below will ensure that you have a comfortable and safe riding experience. Please read it carefully as this information is very important.

### 3.1 RIDING INSTRUCTIONS

Before operating, charge your SWAGTRON® unit with the included power adapter. Charge time can take up to 90-100 minutes. For detailed information on how to charge your SWAGTRON®, see **SECTION 5.1**.

STEP 1. Press the POWER BUTTON to turn on your SWAGTRON® unit.

STEP 2. Step on ONE PEDAL to trigger the sensor. The system will enter self-balancing mode. Then step on the second pedal with your other foot quickly.

STEP 3. Stand upright but relaxed. Do not make any sudden or jerky movements.

The SWAGTRON® has 2 sensors under the pedals. When the rider steps on a pedal, the SWAGTRON® will adjust itself to balance automatically. If the SWAGTRON® T5 Sport does not seem to work,





check to be sure your feet are centered on the pedals.

If the SWAGTRON® does not enter self-balancing mode when triggering the sensor, the System Indicator will light up. **DO NOT** operate the SWAGTRON® under these conditions. Please power the unit off and back on again. If this fails resolve the issue, re-calibrate the SWAGTRON® by following the calibration instructions in **SECTION 3.3**.

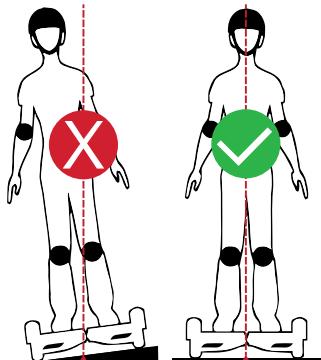
**!** If you are on a slope, move the SWAGTRON® to a flat area. If the warning light is still blinking, contact SWAGTRON® technical support immediately.

**NOTE:**

When riding the SWAGTRON®, you must make sure both feet are touching the pedals for proper detection. Do not put other objects on the pedals, as it could cause the system to lock or move on its own.

**NOTE:**

- + Do not tilt forward or backwards beyond 10°, as the unit may malfunction.
- + The SWAGTRON® will not function if your unit flips upside down.
- + Avoid uneven or rocky surfaces as the SWAGTRON® may not function properly.
- + Avoid hills or slopes of more than 30° incline.
- + When the operator exceeds the maximum speed, the SWAGTRON® will emit a warning alarm.



## **3.2 HOW IT WORKS**

The SWAGTRON® self-balances and moves because of Dynamic Equilibrium. This is generated by the shifting of your body weight and uses an internal gyroscope with acceleration sensors to move based on your center of gravity. When you lean forward, it will sense your actions and accelerate. When you need to turn, slow down and gently shift the weight on your left or right foot to turn towards the opposite direction.

**MOVE FORWARD**

Shift your weight forward to move directly ahead.

**STOP**

Align your body to an upright, straight position.

**TURNING LEFT**

Shift your weight slightly on the LEFT PEDAL to turn left.

**TURNING RIGHT**

Shift your weight slightly on the RIGHT PEDAL to turn right.

**STEPPING OFF THE SWAGTRON®**

Make sure the T5 Sport has completely stopped, then step back with your dominant foot, then quickly step off with the other foot. Please be careful!

