aspire™

ELIO SCOOTER

USER MANUAL



Congratulations and thank you for choosing the Aspire Elio Scooter.

This user manual contains a description of the product and important guidelines to ensure correct and safe use. It is important to read this manual carefully prior to use. It is especially important to read and follow the safety requirements.

Aidacare continuously improves products and reserves the right to change the specifications and functions of products without notice.

If you have any queries, please contact your dealer or Aidacare directly. Contact information is located on the last page of this manual.

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Due care has been taken to ensure all the information contained in this user manual is correct at the time of printing. All measurements, pictures, colours, and weight capacities are to be used as a guide only. We reserve the right to modify the design or appearance of any product displayed in this user manual without prior notice.

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1. INTENDED USE

The Aspire Elio scooter is a motorised electric scooter for use outdoors primarily on flat surfaces such as pavements, roads, parking lots, and drive ways. It is intended to increase the mobility of people who are both physically and cognitively capable of correctly assessing driving situations and reacting accordingly to them at any time. This product should be used as a tool to assist with mobility or walking difficulties. This product is developed for indoor and limited outdoor use. When used outdoors, the scooter should remain on sealed, level terrain (examples include, but are not limited to, shopping centres, medical centres, flat and level footpaths, and environments with accessibility-focused layouts). Any other use outside of the intended purpose is not advised.

2. PRODUCT DESCRIPTION

The Aspire Elio Scooter is a four-wheeled compact pull-apart mobility scooter. The product is made from steel, so it is rigid and easy to store or transport. This scooter offers great maneuverability, stability, and comfort, which features four wheel independent suspension. It has a generously padded seat and backrest with 190mm wheels for longer rides. This scooter is powered with two motors fitted to the rear wheels.

3. SYMBOLS USED IN THIS USER MANUAL

The symbols below are used throughout this user manual and on the product to identify warnings and important information. It is very important for you to read them and understand them completely.



WARNING! Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage or malfunction. On the product, this icon is represented as a black symbol on a white triangle with a black border.



ALWAYS! These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white infinity symbol on a black dot with a white border.

DO NOT! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol with a black circle and black slash.

4. SYMBOLS USED ON THIS PRODUCT



Stickers shown are not to scale.

- # Product Code
- SN Serial Number
- Manufacturer
- CN Country of Manufacturer
- 6.4km/h Driving Speed
- Max 6° (Refer UM) Climbing Angle
- kg 136kg Safe Working Load
- kg 28.6kg Product Weight
- Not Crash Tested
- Read User Manual
- Caution
- MD Medical Device

5. WARNINGS & GENERAL SAFETY INFORMATION

Safe Working Load (SWL)



DO NOT exceed the safe working load on the Aspire Elio Scooter.

This Scooter is designed for use on flat, level surfaces. If you encounter sloped or uneven terrain, please seek an alternative route.

WARNING

WARNING! Please observe the following warnings to avoid any damage or injury resulting from improper use of your scooter. The scooter user is responsible for taking appropriate safety measures. Aidacare will not be liable for personal injury or product damage resulting from improper use of the scooter.

DO NOT operate this equipment without first reading and understanding the user manual. If you are unable to understand the warnings, cautions, and instructions, please contact your dealer. Procedures other than those described in this manual **MUST** be performed by a qualified technician.

DO NOT operate the scooter until you have read the instructions.

DO NOT exceed the maximum climbing angle of 6°.

DO NOT drive on slippery or soft surfaces, such as wet tiles, mud, sand, grass, etc.

DO NOT drive on slopes without guardrails.

DO NOT drive on the road.



DO NOT turn, drive laterally or reverse on ramps.



DO NOT climb above the maximum obstacle height of 25mm.



DO NOT use your scooter in “freewheel” mode without an attendant present.



DO NOT place the scooter in “freewheel” mode while the unit is powered up. Always power off the scooter.



ALWAYS! Keep your feet and hands on the scooter floor and armrests at all times.



WARNING! Please use the designated crossings when crossing the street.



DO NOT cross the road when the power is low, so as not to run out of power halfway.



WARNING! When the scooter is not in use, it should be stored in a dry and ventilated place with batteries removed. The scooter should not be stored in high temperature and humidity.



All wheels **MUST** be in contact with the ground at **ALL TIMES** during use.



DO NOT expose your scooter to extreme conditions, such as excessive heat, cold, or moisture, for prolonged periods.



WARNING! Inspect all electrical connections, including charger cables and connectors. Ensure they are always tight and secure.



DO NOT attempt to lubricate the wheel bearings; they are already pre-lubricated and sealed.



NOTE: Fingers or other body parts can be trapped between the scooter's parts during assembling or dismantling. Be extremely careful when assembling the scooter. Observe the dimensions of gaps between the scooter's elements to avoid trapping your fingers or other body parts.



WARNING! This scooter is intended to bear the weight of an occupant through its wheels during propulsion and when stationary. It is **NOT** designed to be lifted/carried with an occupant in the seat and doing so may cause serious injury or death.



WARNING! Transportation in a Vehicle
This scooter is **NOT** designed or tested to carry an occupant for transportation in a motor vehicle.



WARNING! When travelling in a motor vehicle the occupant should sit in the vehicle seat with seat belt fastened and the scooter be dismantled and securely stored in the luggage compartment.



WARNING! Please be careful when driving in crowds, traffic flows and other places with heavy traffic. Obey all local pedestrian traffic rules. It may be difficult for others to see you when you are seated on your scooter.



WARNING! Avoid supporting your full body weight on the armrest when getting in and out of the scooter as they are not weight-bearing. If the user does not have enough leg/trunk stability, support by a carer or transport aid should be sought.



WARNING! To prevent the scooter from losing control and moving on its own, **DO NOT** place the scooter in neutral mode on any incline or decline.



WARNING! Keep yourself, clothing and other objects away from the wheels while the scooter is moving. **DO NOT** drag anything behind the scooter while driving.



DO NOT connect any devices to the electronic system or charge the battery with any other charger other than the one supplied with the scooter.



WARNING! Keep all charger terminals/ports clean, dry, and away from damp sources to prevent damage and potential personal injury.



WARNING! Always check electrical components for corrosion. Check all brakes for looseness, wear or damage. Check wiring harnesses and terminal posts for breakage. If necessary, please contact Aidacare for replacement.



WARNING! Please slow down when turning, don't make sharp turns, keep the centre of gravity stable when turning. To prevent rollover, **DO NOT** move the centre of gravity in the opposite direction when turning.



WARNING! When sitting in a scooter, avoid any position or movement that can change your centre of gravity. This may cause the scooter to overturn which may cause injury.



DO NOT expose the scooter to naked flames.



WARNING! Keep your scooter in a dry and clean environment. **DO NOT** use the scooter in wet environments.



DO NOT climb stairs or escalators with the scooter.



DO NOT operate the scooter while connected to mains power and charging. **DO NOT** use any other battery with this scooter other than what is supplied by Aidacare.



WARNING! Store charging or unused batteries away from hot/ cold temperatures and wet areas.



WARNING! Maintaining stationary position
For added safety, the scooter should be turned off when not in use to prevent any unintended movements, ensuring a secure environment for both the user and those around them.



DO NOT travel down kerbs or single steps without an attendant carer.

DO NOT attempt to transit down multiple steps.



DO NOT operate your scooter while you are under the influence of alcohol, as this may impair your ability to safely operate your scooter.



WARNING! This scooter comes equipped with anti-tip wheels as a standard safety feature. It's essential that the scooter is never used without these wheels, as they play a crucial role in maintaining stability and preventing accidents.



WARNING! Please consult your healthcare professionals routinely to ensure there are no health or physical conditions that may limit or impair your ability to safely operate your scooter.



WARNING! Consult your physician if you are taking prescription or over-the-counter medications or if you have any physical limitations. Some medications and physical limitations may impair your ability to safely operate your scooter.



WARNING! Every scooter is different. Take time to learn the feel of this scooter before driving.



DO NOT use the scooter other than for its original purpose. Avoid any use, such as weight training, sports, athletics, hauling, moving, or towing anything that may lead to safety hazards and undue stress on the scooter.



WARNING! Your scooter is designed for one passenger only. Do not carry passengers on your scooter.



DO NOT smoke cigarettes while seated on your scooter



DO NOT modify your scooter in any way by yourself. For any accessories, please contact Aidacare.



DO NOT place the scooter in "Freewheel mode" while the unit is powered up. Always turn off the scooter and remove the key from the key switch before engaging or disengaging “freewheel” mode.



WARNING! To prevent the scooter from rolling uncontrollably on its own, never place the scooter in “freewheel” mode on any incline or decline.



WARNING! If you anticipate being seated in a stationary position for an extended period of time, turn off the power to the scooter. This will prevent unexpected or unintended scooter movement.



DO NOT use any accessories that may interfere with the operation of the throttle control lever, which may result in unintended or uncontrolled movement of the scooter.



DO NOT connect any device to the scooter electrical system or use the scooter batteries to power anything else other than your scooter.



ALWAYS grasp the connector itself when disconnecting any wires. **DO NOT** pull on electrical harnesses directly.



Keep all charger power cord connectors clean, dry and away from sources of dampness at all times to prevent damage to the electrical system and /or personal injury. Check any actuators for loose, worn, or damaged items and have any damaged wires replaced immediately.

ALWAYS Check electrical components frequently for signs of corrosion and have them replaced as necessary.

ALWAYS secure the scooter and its batteries when it is being transported. Batteries should be secured in an upright position and protective caps should be secured on the battery terminals. **DO NOT** transport the scooter and /or batteries with any flammable or combustible items.

DO NOT handle batteries without supervision by an authorised service technician. Battery posts, terminals, and related accessories contain lead and lead compounds and can be hazardous. Scooter batteries are heavy. Anyone lifting scooter batteries should use proper lifting techniques and avoid lifting beyond his/her capacity.

DO NOT attempt to recharge the batteries by attaching cables directly to the battery terminals or clamps.

DO NOT attempt to recharge the batteries and operate the scooter at the same time.

ALWAYS use two batteries of the exact same type, chemistry, and amp-hour (Ah) capacity supplied by Aidacare. Follow the specifications provided in the user manual for battery type and capacities. Please contact Aidacare for genuine spare batteries.

DO NOT mix old and new batteries. Always replace both batteries at the same time.



WARNING! Only sealed batteries that meet DOT CFR173.159 should be used in the scooter. Replacement batteries should be obtained directly from Aidacare to ensure conformity, fit, and function.

ALWAYS protect the batteries from freezing; for those living in cold climates, make sure you store the scooter properly. Never charge a frozen battery. Charging a frozen battery may result in damage to the battery and could be dangerous.

DO NOT remove any fuse links (if fitted) from the battery harnesses. If the fuse links appear damaged, contact Aidacare.

While driving up inclines or low curbs, drive your scooter straight on with the wheels perpendicular to the incline and/or low curb; both front wheels should contact the incline/low curb at the same time. To reduce the possibility of a fall, do not drive at an angle; **DO NOT** get one wheel or side of the scooter on the incline/low curb first. Always exercise extreme caution when negotiating an incline.

DO NOT travel up or down potentially hazardous surfaces and/or inclines, including but not limited to areas covered with snow, ice, cut grass, or wet leaves.

ALWAYS! When climbing an incline, try to keep the scooter moving. If stopping is necessary, start up again slowly and then accelerate with caution.

ALWAYS! When descending an incline, use the slowest speed possible. If the descent is faster than you desire, release the throttle control lever to stop the scooter. Then press the throttle control lever slightly to control the speed of your descent.

ALWAYS! The maximum recommended incline angles (see specifications) are tested in a controlled environment. Your scooter's ability to climb up inclines is affected by your weight, speed and the angle you approach the incline among other factors.

ALWAYS! Only drive backwards on a flat surface. When driving backwards, operate your scooter at a lower and even speed. Stop often and check to make sure your path is clear of obstacles. To prevent tipping, do not travel down an incline or ramp backwards.

WARNING

WARNING! To avoid overloading the scooters and potential tipping, never carry anything or fill the basket with contents weighing more than 6.8kg.



WARNING! Avoid any change of position or movement that may change your center of gravity while sitting on the scooter. This may cause your scooter to tip.



WARNING! A drop-off (as small as 5cm) at the bottom of a slope can stop a front wheel and cause the scooter to tip forward.



DO NOT reach or lean while seated on the scooter.



DO NOT try to pick up an object from the floor by reaching down between your knees.



WARNING! Never reach or lean over the top of the backrest. This may damage the backrest and cause you to fall.



DO NOT use the armrests for any weight bearing purposes. Such use may cause the scooter to tip, which may result in a fall from the scooter and personal injury.



DO NOT put all of your weight on one side of the scooter deck. Such use may cause the scooter to tip.



ALWAYS! Even though your scooter may be capable of handling greater obstacles, we recommend that you do not attempt to negotiate a curb that has a height greater than 2” (5cm). Doing so could cause instability in your scooter. Riding over curbs or obstacles can cause tipping and serious bodily harm . If you have any doubt that you can safely cross any curb or obstacle, **ALWAYS ASK FOR HELP**. Be aware of your riding skills and personal limitations. You may need to remove or cover threshold strips between rooms and install a ramp at entry or exit doors.



DO NOT try to climb an obstacle when on an incline.



DO NOT drive over an obstacle with just one wheel.



DO NOT drive on uneven terrain and/or soft surfaces.



DO NOT drive near tall grass that can entangle the running gear.



DO NOT drive on loosely packed gravel and/or sandy surfaces.



DO NOT use your scooter on or near railroad tracks or crossings.



DO NOT ride your scooter along the edges of streams, lakes, or the ocean. Never use your scooter to cross waterways.



WARNING! If you feel unsure about a driving surface, avoid that surface.



WARNING! Keep your scooter in a dry and clean condition. Never take your scooter into a shower, tub, pool, or sauna. Rain, snow, salt, mist/spray conditions, and icy/slippery surfaces can damage the scooter components or cause the scooter frame to prematurely rust.



DO NOT tow your scooter. Towing may exceed the maximum speed threshold, resulting in damage to critical components of the scooter.



WARNING! Use extreme caution when it is necessary to move an unoccupied scooter up or down stairs. Remove the seat, batteries, and any accessories before attempting the transfer. Use proper lifting techniques and use only solid, non-removable frame components to lift the scooter with multiple physically capable attendants. **DO NOT** lift or move your scooter or seating system by grasping or holding onto any of its removable parts, including the armrest(s), seat cushions, seatback, or shrouds.



WARNING! When your scooter is used with any type of lift/ elevation devices, always turn off the power of the scooter; make sure the scooter is not in “freewheel” mode and **DO NOT** sit on your scooter. Failure to follow this may result in unintended movement and personal injury or product damage.



WARNING! Never use your scooter to travel on stairs or escalators.



To make a safe transfer: **ALWAYS** turn off the power before you transfer to or from your scooter. If you fail to do so you may touch the throttle control lever and cause your scooter to move when you do not expect it. Make sure motor locks are engaged; this keeps the scooter from moving when you transfer. Work with your health care professional to learn how to position your body and how to support yourself during a transfer. Have someone help you until you are sure you do a safe transfer on your own. Move your scooter as close as you can to the seat you are transferring to. Transfer as far back onto the seat surface as you can. This will reduce the risk that you will miss the seat or fall.



WARNING! Never transport the scooter in the front seat of a vehicle. It may shift and interfere with the driver.



ALWAYS secure the scooter while being transported so that it cannot roll or shift.



WARNING! Should the fittings on your seating system become loose, please contact Aidacare.



WARNING! Replace worn or damaged upholstery immediately to reduce the risk of fire hazard.



WARNING! Be aware that washing of upholstered items may reduce the fabric’s resistance to flammability.



IMPORTANT SAFETY AND HANDLING INFORMATION **FOR LI-ION BATTERY** — PLEASE READ CAREFULLY

RISK OF FIRE AND BURNS: This product contains a lithium battery. Improper handling, use or disposal may pose a risk of fire, explosion, or burns.

CHARGING: Use only the charger supplied with this product. Using incompatible chargers or charging methods may increase the risk of fire or explosion. Do not charge the battery near flammable materials.

DISPOSAL AND RECYCLING: Do not dispose of the battery in fire or water. Recycle or dispose of it properly, in accordance with local regulations. Improper disposal may harm the environment or cause injury.

DAMAGE OR EXPOSURE: If the battery is damaged, leaking or exposed to high temperatures, stop using the product immediately and contact the manufacturer for guidance. Do not attempt to repair the battery yourself.

STORAGE: Store the product in a cool, dry place, out of direct sunlight. Avoid high temperatures and humid environments to prevent battery degradation.

TRANSPORTATION: When transporting the product, ensure the battery is switched off and well protected. Follow all applicable transport regulations for lithium batteries.

USAGE GUIDELINES: Do not modify, disassemble, puncture, or apply excessive pressure to the battery. Such actions may cause malfunction or present a hazard.

CHILDREN AND PETS: Keep the product and battery out of reach of children and pets. Small parts and the battery itself may pose a choking hazard or risk of ingestion.

WARNING SIGNS: If you notice any unusual odour, heat, discolouration, deformation or leakage from the battery, stop using the product immediately and contact the manufacturer.

LIMITATION OF LIABILITY: The manufacturer is not responsible for any personal injury or property damage resulting from misuse, abuse, neglect, or improper handling or storage of the product. The user assumes all risks associated with use of the product.



WARNING! Failure to follow these instructions may result in serious injury or damage to the product. Use at your own risk.

This manual has been drawn up using information available at the time of printing with regard to construction and operation of the scooter. We reserve the right to make changes due to technical improvements.

If you have any other questions about this scooter please contact **Aidacare.**

6. LIST OF COMPONENTS

1	Seat
2	Removable flip-up arm rest
3	Control panel
4	Basket
5	Tiller-angle adjustment knob
6	Battery
7	Wheel
8	Front wheel lock
9	Carrying handle



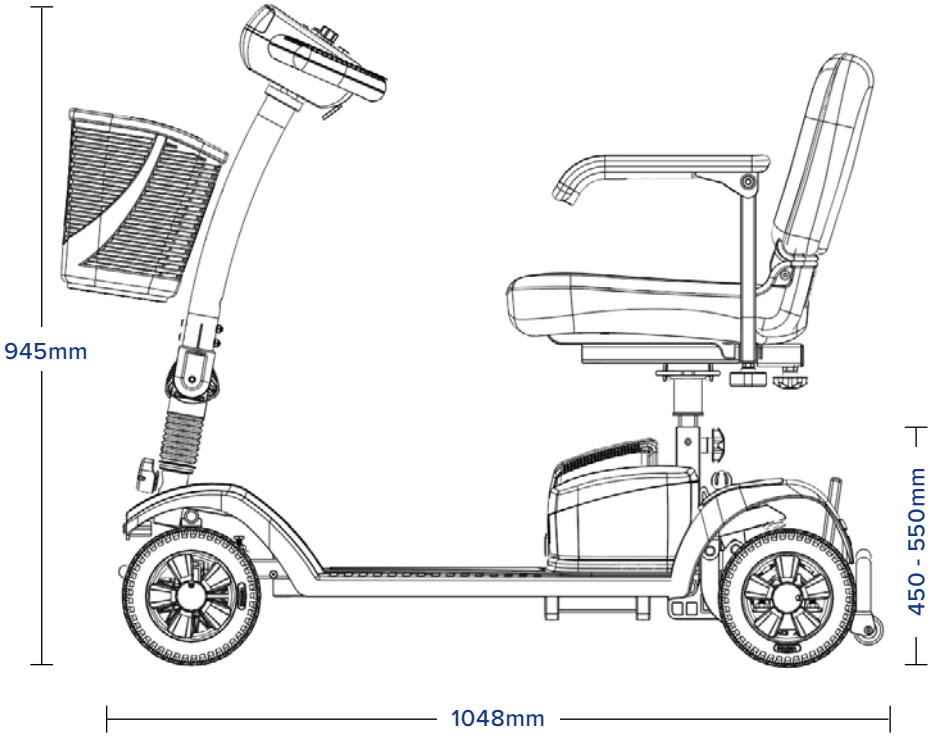
1	Throttle lever
2	Battery gauge
3	Horn button
4	Key switch
5	Speed control dial



7. PRODUCT SPECIFICATIONS

Model Name	Aspire Elio
Maximum weight capacity	136kg
Overall L x W x H	1048 x 550 x 945mm
Seat Size D x W	400 x 450 - 550mm
Ground clearance	60mm
Product Weight (excl. battery)	28.6kg
Drive System	Direct drive rear wheels (with differential gear)
Battery	1 x 24V 20Ah (Lithium)
Battery charger	Off-board Input voltage: 100-240 VAC, Output voltage: 29.4 VDC Output current: 2A
Front/Rear Wheel	190mm
Rear wheel drive system	Transaxle
Braking system	Motor electromagnetic brake
Maximum incline angle	6°
Driving Range	24km (35km optional)
Maximum speed (Forward/Backward)	6.4 km/h/ 3.0 km/h
Turning radius	1200mm
Weight of Heaviest Part	10.8kg
Dimensions of Heaviest Part L x W x H	850 x 440 x 420mm

*1. Range can be affected by; User weight, driving surfaces, inclines, stop & starting, turning, and battery condition!


945mm
450 - 550mm
1048mm

8. PUSHING & TRANSPORTING THE SCOOTER

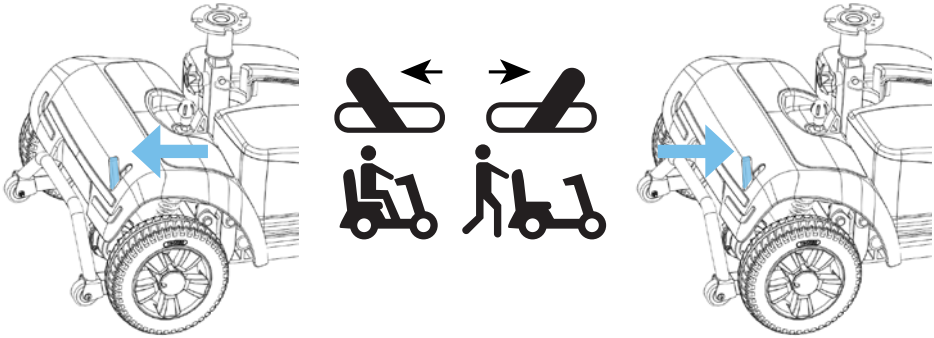
1. **Please carefully read the safety information in section 3 related to transportation first.**

2. **Pushing the scooter:**
In order to push the scooter, you must place the scooter in **"freewheel" mode**, which disengages the drive motor. The release lever is located at the bottom right hand side of the scooter under the seat.

WARNING

WARNING! When the lever is pushed into the freewheel mode:
- The scooter must be on a flat surface and stationary.
- Do not sit on the scooter.

8.1 SWITCHING TO FREEWHEEL MODE



1. Power off the scooter and remove the key.
2. Push the lever forward as far as the stop for freewheel mode (see diagram).
3. Push the scooter to your desired location.
4. Pull the lever back as far as the stop, to lock into drive mode (see diagram).

8.2 FREEWHEEL MODE (MOTOR IS DISENGAGED)

1. Always switch the scooter off to push it.

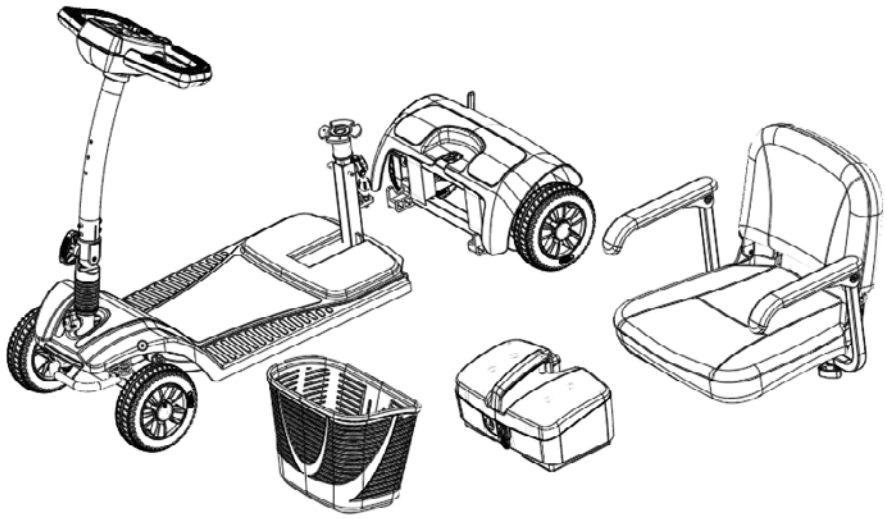
2. Do not push the scooter too fast. If a pre-set speed is exceeded while you are pushing the scooter, the drive motor will switch on automatically and brake the scooter.

WARNING

WARNING! After **any** adjustments, repair, or service and **before** use, make sure all hardware is tightened securely – otherwise it may result in injury or damage.

8.3 DISASSEMBLING THE SCOOTER

You can disassemble the scooter into five pieces : the seat, the front section, the basket, the battery pack, and the rear section.



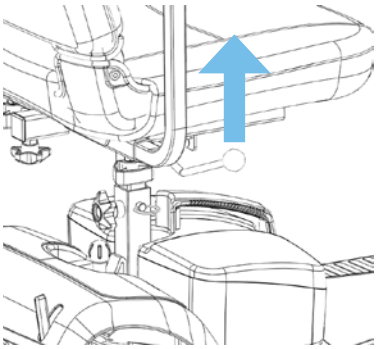
1. Place the scooter in an area where you have sufficient clearance to move the parts around. You may need assistance to lift some of the scooter components.
2. See “Specifications” for individual component weights.
3. No tools are required to disassemble or assemble your scooter. Always disassemble or assemble your scooter on a level, dry surface with sufficient space for you to work and move around your scooter. Keep in mind that the disassembled sections of the scooter take up more floor space than the assembled scooter.

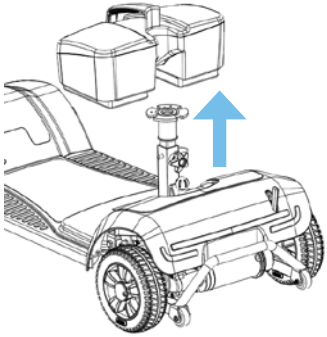


WARNING! Lifting a weight beyond your physical capability may result in personal injury. Ask for assistance when necessary while disassembling or assembling your scooter.

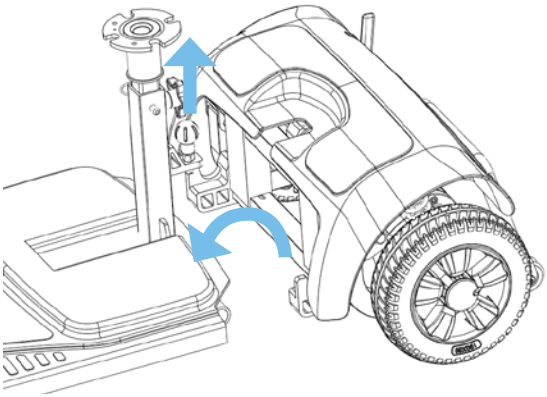
8.4 TO DISASSEMBLE:

1. Turn key switch to “OFF”.
2. Place the free wheel mode lever in the drive position.
3. Lift and remove the seat by pulling the seat swivel lever up and lifting the seat simultaneously.
4. Pick up the battery pack and remove it from the scooter.

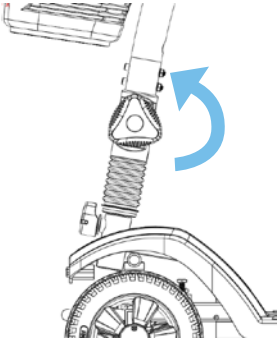


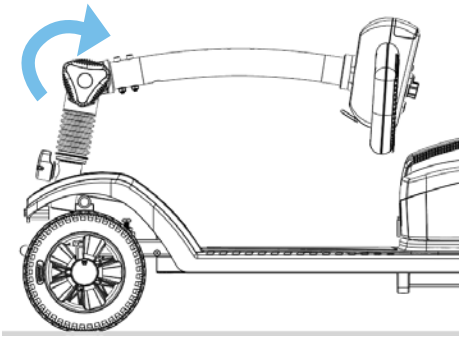


5 Pull the release knob upward and lift and the front section apart from the rear section.



6 Fold the tiller down to make the front section compact.

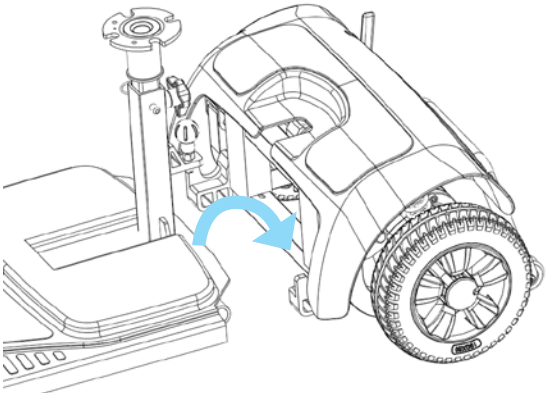




8.5 ASSEMBLING THE SCOOTER

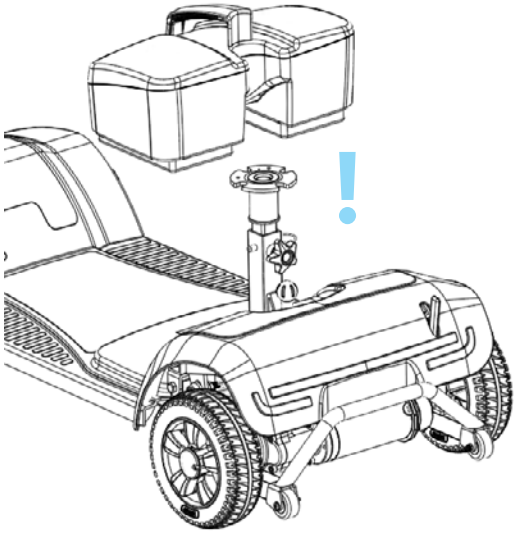
Note: Raise the tiller before reassembling the scooter.

1. Place the freewheel mode lever in the drive position.
2. Set the rear section in the up position and pick up the front section to the connecting bracket of rear section.



Make sure the release knob is re-engaged fully to the rear section and fully locked into place .

3. Make sure that the front and rear sections are level.
4. Fit the battery pack on the scooter.



5. Fit the seat on the seat post, insert the seat post, and screw the knob.
6. Turn key switch to “ON”, make sure battery gauge has sufficient power.

WARNING

WARNING! Make sure you connect all the pieces together properly.

WARNING

WARNING! Turn off all power to your scooter and remove key from key switch to avoid accidents prior to disassembly.

WARNING

WARNING! Ensure the front and rear sections are in the right position before driving.

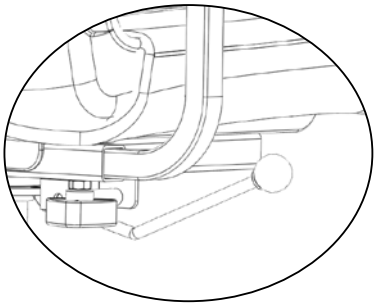
8.6 ADJUSTING THE SCOOTER

The following describes how to set up and adjust your scooter in order to have a comfortable and safe drive.

8.7 SWIVELING THE SEAT TO GET ON AND OFF

1. Lift the seat lever and rotate the seat to the side (left or right) to get on.
2. Sit on the seat and turn the seat back to the direction of travel. Lock the seat in place by releasing the seat lever.





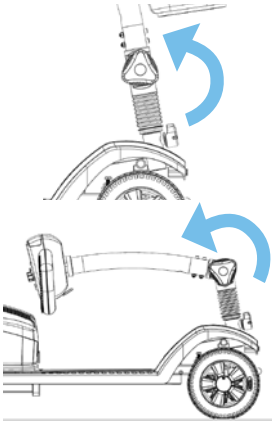
WARNING

Warning! Ensure that the seat is properly engaged after adjustment by seeing that the seat doesn't move when you try rotating it to either side.

8.8 ADJUSTING THE TILLER ANGLE

Always adjust the tiller so that you can reach the dashboard and control your scooter easily at any time. The tiller can be adjusted by the following steps.

1. Loosen the knob by turning counter-clockwise. Adjust the tiller angle.
2. Tighten the knob by turning clockwise, and make sure the tiller is securely fixed.



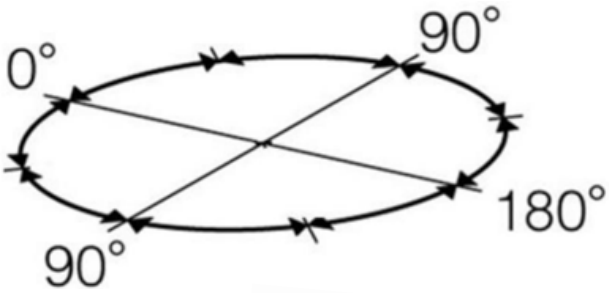
WARNING

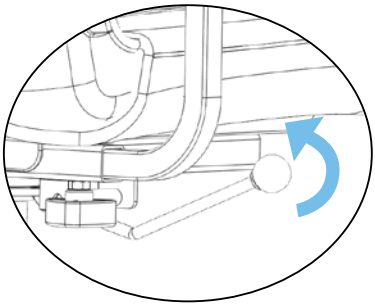
Accident hazard due to non-engaged tiller:

Ensure that the tiller is properly locked after adjustment by seeing that it doesn't move when you try pushing it slightly forwards and backwards.

8.9 TURNING THE SEAT

Pull swivel seat lever to rotate the seat. The seat has 4 height adjustments. After adjusting the height to the desired seat position, secure the fixed nut.







WARNING

Accident hazard due to incorrect seat position:

Always turn the seat to face forward and lock it before driving.

If the seat has been turned, the possibility of tipping is increased.

Before turning the seat, always ensure that the scooter is on an even and solid surface.

9. OPERATING THE SCOOTER

Always carry out the safety information described in the “General Safety Information” section:

Before starting to drive, adjust the seat and tiller to a comfortable position.



WARNING! Every scooter is different. Take the time to learn the feel of your scooter before you begin riding.



WARNING! BE AWARE that becoming a capable and safe scooter operator will take time and practice.



WARNING! Anti-tippers substantially reduce your risk of tipping over backwards, which can cause serious injury.

Please observe the following tips for a safe journey:

1. Always match your speed to the driving situation in which you find yourself.
2. Always reduce your speed when you are driving through:
   - Unclear areas
   - Tight curves
   - Ramps
   - Narrow gaps
   - Inclines
3. Take a trial run with the scooter in an area with no pedestrians, or in a closed-off area.
4. Always steer the scooter with both hands on the handlebars.
5. Always keep your feet within the foot area while driving the scooter.
6. Check before you power on the scooter:

Ensure your scooter is in drive mode (not in “freewheel” mode)	Check the “freewheel” mode lever is in the pushed down position.
Seat is locked into the desirable position	Move the seat forwards and backwards to ensure it is stationary.
Are the batteries charged?	Check the dashboard to verify the charge status of the batteries.

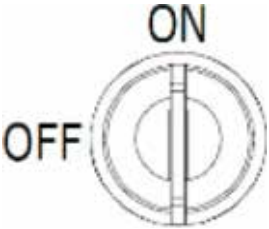
Are the brakes working?	Check by driving slowly and stopping again.
Are the tires and wheels free from any damage?	Visually check the tires and wheels.

POWERING ON/OFF

The switch is located near the left side of the dashboard.

Insert the key into the switch and turn it clockwise to power on the scooter.

Turn it anti-clockwise to power off the scooter.



9.1 ADJUSTING THE SPEED

WARNING

Use the speed adjustment mechanisms to adjust the speed to suit your driving conditions. Always use lower speed if you are uncertain about the driving conditions.

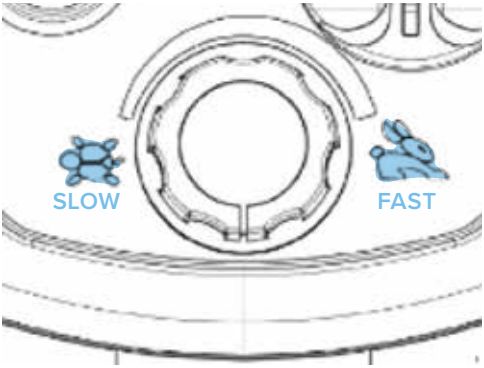
There is one mechanism to control the speed of your scooter.

Speed Control Dial

It is located in the middle of the dashboard. It is designed to allow you to adjust the speed from low to maximum speed (Maximum = Rabbit).

Anticipated Speed Levels:

The speed levels are tested under controlled environments and your driving speed may vary depending on the driving conditions and loads.

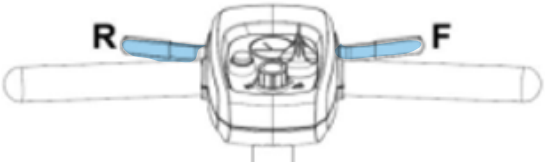


9.2 DRIVING FORWARDS AND BACKWARDS

Hold the tiller handles firmly with both hands. Use your right index and middle fingers to pull the right side of the lever to move forward.

F = **FORWARD:** Hold the tiller handles firmly with both hands. Use your right index and middle fingers to pull the right side of the lever to move forward. Release the lever and allow the scooter to come to a complete stop.

R = **REVERSE:** Use your left index and middle fingers to pull the left side of the lever to move backwards. Release the lever and allow the scooter to come to a complete stop.



WARNING

WARNING! Do not pull both sides of the throttle control lever simultaneously.

9.3 OVERLOAD PROTECTION

The overload protection switches the power off when the motor becomes overloaded while trying to climb over too high an obstacle, such as a curb or trying to climb too steep of an incline.

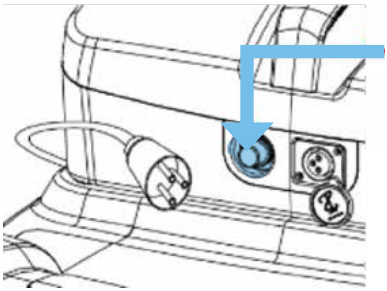
If the motor is overloaded, the following happens:

- The scooter becomes noticeably slower and then stops
- The scooter system shuts down the scooter

To rectify this:
Switch the scooter off and allow it to cool down for a few minutes.

WARNING

Push to reset the overload switch located on the battery box (see diagram).



9.4 SWITCHING ON THE HORN

Press the **horn button**. It will sound for as long as you hold the button down.



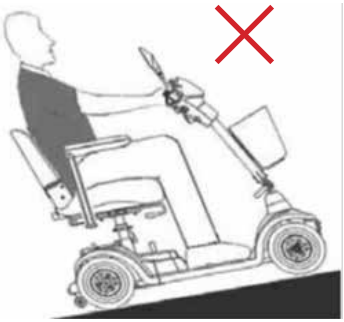
9.5 DRIVING ON AN INCLINE

WARNING

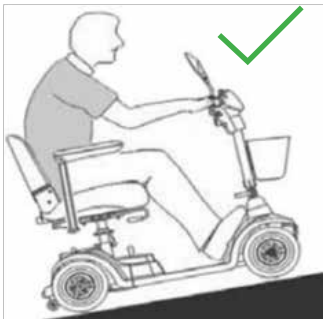
TIPPING HAZARD! When driving on an incline, reduce your speed. Lean your body forward to increase your stability and to avoid tipping backwards. Always avoid leaning backwards while driving up an incline. Observe the safe climbing angle in the product specifications and always assess the driving surface, as this can be a factor for safe incline driving (For example ice and leaves can cause loss of wheel traction and prevent safe incline driving).

WARNING

WARNING! Avoid stopping and re-starting on an incline if possible. If you do need to stop, re-start by driving very slowly and then slowly increase your speed smoothly.



Avoid leaning backward (not recommended).



Lean forwards to increase stability (recommended).

WARNING

NOTE: Maximum incline angle = 6 degrees

10. BATTERY AND CHARGING THE BATTERY

SPECIAL PRECAUTIONS FOR LI-ION BATTERIES

Lithium-ion batteries are the most common portable energy storage solution and offer greater power efficiency than other battery types. While incidents are uncommon, they are reportedly increasing and can be very serious. These batteries may overheat or explode if used, charged, or disposed of incorrectly, or if they become damaged. Fires caused by lithium-ion batteries can be hazardous and difficult to extinguish.

The lithium battery pack supplied with your scooter has been sourced from reputable suppliers and includes battery management technology to minimise the risk of incidents. However, following the safety recommendations below will help ensure a long battery life and safe use of the product for years to come.



ALWAYS use the charger provided by the manufacturer.

Regularly inspect the battery pack for any signs of damage. If the battery is overheating, damaged, swollen, leaking, or emitting gas, unplug it immediately.



ALWAYS store the battery pack in a cool, dry place, away from heat sources and out of direct sunlight.



NEVER dispose of lithium-ion batteries in household rubbish. In case of fire, call 000 for emergency assistance.

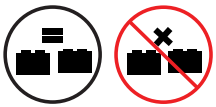
PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE



Corrosive chemicals contained in battery.



Explosive conditions exist!



Do not use batteries with different amp-hour (Ah) capacities.



Keep tools and other metal objects away from battery terminals. **Contact with tools can cause electrical shock.**



Flammable material contained in battery. Do not expose to heat sources such as open flame or sparks. Do not transport batteries with flammable or combustible items.



Disposal and recycling - Contact your approved service provider.



WARNING! New batteries **MUST** be fully charged (approximately 24 hours) prior to initial use of the equipment.

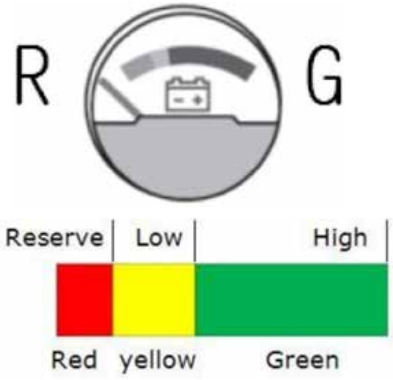
Always charge new batteries before initial use or battery life will be reduced.

As a general rule, you should recharge your batteries as frequently as possible to assure the longest possible life and to minimise required charging time. Plan to recharge them when you do not anticipate using the equipment.

10.1 BATTERY STATUS DISPLAY

When the key is switched “ON”, the battery gauge will display the battery power capacity by indicating red, yellow, and green areas respectively.

Green area indicates a full charge from the battery. Red area indicates low power. The remaining power indicated by the battery gauge will be varied by the actual driving time and how you drive. Repeated starting, stopping, or climbing will consume the power more quickly.



If the vehicle is under a heavier load, such as fast acceleration or driving up inclines, the battery status display may move towards the red zone. This may not indicate the actual status of the batteries.

After a journey, the battery status display may move towards the green zone after the scooter has been turned off for a long period of time.

If a battery status display is in the red zone at the end of a journey, the battery must be charged immediately. Otherwise, it can lead to battery damage.

10.2 CHARGING THE BATTERIES

It is imperative that you observe the sequence for connecting and disconnecting the battery charger.

Be sure to follow the procedures shown below accordingly.

1. Turn the scooter key switch to ”OFF”.
2. Connect the charger cord to the power outlet.
3. Open the charging socket cap then connect the charger plug to the charging socket.
4. The charger’s LED light will be red at the beginning of a charge. The charging duration is at least 8 - 12 hours (but this will vary), based on the status of the battery and temperature.
5. The red LED will turn to green when the charging is complete.
6. Disconnect the cord and remove the round plug from the charge socket.



CAUTION! Do not share the outlet with any other device.



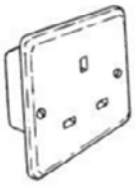
CAUTION! To avoid the risk of electric shock, this equipment must only be connected to a grounded supply main.



CAUTION! Never use an extension cord to plug in your battery charger.

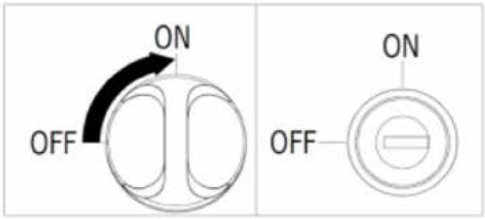
1. Position the scooter near an electric outlet.



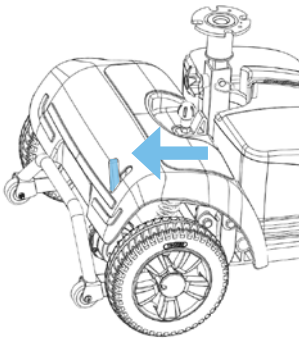


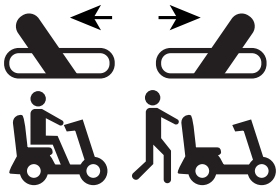


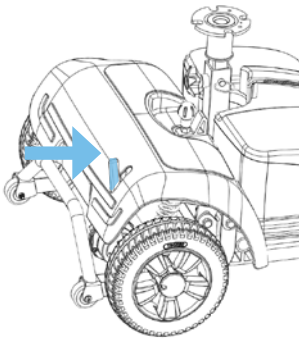
2. Switch the scooter off and remove the key.



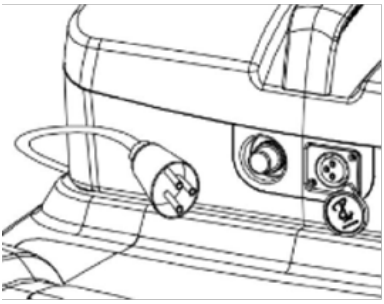
3. Ensure the lever for “freewheel” mode is pushed down to the “drive” position.

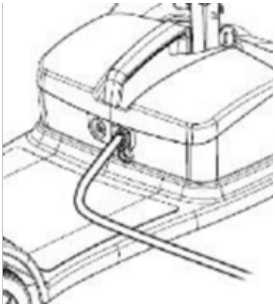




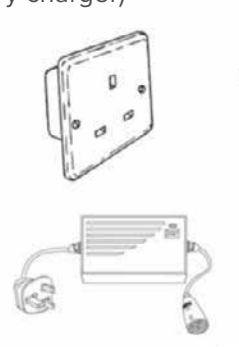


Step 4. Connect the battery charger plug into the scooter charging socket located in the center of the battery box.





Step 5. Connect the battery charger power plug into an electrical outlet (AC100-240V, 50 to 60 Hz) and charge the battery. (Note: There is no switch on the battery charger)





LED INFORMATION AT BATTERY CHARGER DURING CHARGING:

LED	COLOR	MEANING
1	**Red**	Charging in progress
2	**Green**	Charging is complete

10.3 AFTER CHARGING

Remove the battery charger jack plug from the battery box socket.

Remove the battery charger plug from the electric outlet.

10.4 BATTERY ERROR CODE

Flash code	Possible	Solution
1	The battery needs charging or there is a bad connection to the battery.	Check the connections to the battery. If the connections are good, try charging the battery.
2	There is a bad connection to the motor.	Check all connections between the motor and the controller.
3	The motor has a short circuit to a battery connection.	Contact your service agent.
4	Not used.	N/A
5	Not used.	N/A
6	The controller is being inhibited from driving.	Check the battery charger connector. Remove the battery charger from the scooter.
7	A speed control lever fault is indicated.	Make sure that the speed control lever is in the rest position before switching on the scooter.
8	A controller fault is indicated.	Make sure that all connections are secure.
9	The parking brakes have a bad connection.	Check the parking brake and motor connections. Make sure the controller connections are secure.
10	Excessive voltage has been applied to the controller.	Check the battery connections. This is usually caused by a poor battery connection.

If your meter diagnostic light shows any of the above signals, please contact your approved service provider.

11. EMI

This portion of the content will provide the user with basic information about the problems with EMI (electromagnetic interference), protective measures can be used to either lessen the possibility of exposure or to minimise the degree of exposure; this section also shows some conditions that unexpected or erratic movements may cause.



CAUTION! It is very important that you read this information regarding the possible effects of electromagnetic interference on your electric scooter.

11.1 ELECTROMAGNETIC INTERFERENCE (EMI) FROM RADIO WAVE SOURCES

Powered scooters may be susceptible to electromagnetic interference (EMI), which is interfering electromagnetic energy (EM) emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones. The interference (from radio wave sources) can cause the powered scooter to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the powered scooter's control system. The intensity of the interfering EM energy can be measured in volts per meter (V/m). Each powered scooter can resist EMI up to a certain intensity level. The higher the immunity level the greater the protection. At this time, current technology is capable of achieving at least a 20 V/m immunity level, which would provide useful protection from the more common sources of radiated EMI. This powered scooter model as shipped, with no further modification, has an immunity level of 20 V/m without any accessories.

There are a number of sources of relatively intense electromagnetic fields in the everyday environment. Some of these sources are obvious and easy to avoid. Others are not apparent and exposure is unavoidable. However, we believe that by following the warning listed below, your risk to EMI will be minimised.

The sources of radiated EMI can be broadly classified into three types:

1. Hand-held portable transceivers (transmitter-receivers with the antenna mounted directly on the transmitting unit). Examples include: citizens band (CB) or hand-held radios, (security, fire, and police transceivers), cellular telephones and other personal communication devices.



NOTE: some cellular telephones transmit a signal while they are ON, even though they are not being used.

2. Medium-range mobile transceivers, such as those used in police cars, fire trucks, ambulances, and taxis usually have the antenna mounted on the outside of the scooter.
3. Long-range transmitters and transceivers, such as commercial broadcast transmitters (radio and TV broadcast antenna towers) and amateur (HAM) radios.



NOTE: Other types of hand-held devices, such as cordless phones, laptop computers, AM/FM radios, TV sets, CD players, and cassette players, and small appliances, such as electric shavers and hair dryers, are not likely to cause EMI problems to your powered scooter.

11.2 POWERED SCOOTER ELECTROMAGNETIC INTERFERENCE (EMI)

EM energy rapidly becomes more intense as one moves closer to a transmitting antenna (source). The **EM fields** from hand-held radio wave sources (transceivers) are of special concern. It is possible to unintentionally bring high levels of **EM energy** very close to the powered scooter's control system while using these devices; this can affect your scooters movement and braking. Therefore, the warnings listed below are recommended to prevent possible interference with the control system of a powered scooter.



Electromagnetic interference (EMI) from sources such as radio and TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones can affect motorised scooters. Following the warnings listed below should reduce the chance of unintended brake release or powered scooter movement which could result in serious injuries.

1. Do not operate hand-held transceivers-receivers, such as citizens band (CB) radios, or turn ON personal communication devices, such as cellular phones, while the powered scooter is turned ON.
2. Be aware of nearby transmitters, such as radio or TV stations, and try to avoid getting close to them.
3. If unintended movement or brake release occurs, turn the powered scooter OFF as soon as it is safe.
4. Be aware that adding accessories or components, or modifying the powered scooter, may make it more susceptible to EMI.
5. Report all incidents of unintended movement or brake release to the scooter manufacturer, and note whether there were sources of EMI nearby.

IMPORTANT INFORMATION

20 Volts per meter (V/m) is generally a useful immunity level against EMI (the higher the level, the greater the protection).

This product has an immunity level of 20 V/m without any accessories connected to it.

12. CARE, MAINTENANCE & CUSTOMISATION

12.1 MAINTENANCE SCHEDULE

Weekly	Check brakes are functioning properly. Check all fastenings such as nuts, bolts and hinges are fastened correctly and functioning normally. Check all electrical cables are secure and intact.
Periodically	Check for signs of wear on front and rear wheels.
Yearly	Service to be completed by authorised Aspire service agent.
Serviceable Components	Wheels Control panels Axles Armrests Seat and back upholstery Footplates Drive motors

12.2 CARE FOR YOUR SCOOTER

- Check tyre condition at least twice per month.
- Charge your battery regularly.
- If the scooter is not being used for a prolonged period, both batteries must be removed from the scooter and stored separately with full charge.

12.3 CLEANING INSTRUCTIONS

- Clean the scooter regularly with a damp cloth.
- Use a mild washing agent and warm water for excess dirt build up.
- **DO NOT** use harsh abrasive or bleach based agents which may cause damage or discolouration.
- **DO NOT** use the scooter if damages are found on the seat or backrest upholstery.
- Dry with a soft cloth.
- Should you have any doubts about the correct functioning of the scooter or any of its components, please contact Aidacare.

12.4 SPARE PARTS

Aidacare stocks replacement parts for the Aspire scooter range. All part replacements should be performed by Aidacare or an authorised Aspire service technician. The term 'parts' includes, but is not limited to, motor, joystick, tires, armrests, footplates, and upholstery. A complete parts list is available upon request.

12.5 CUSTOMISATION

All customisations, modifications, or alterations made to this scooter are considered custom changes. Such modifications may cause the product to no longer meet safety standards and should be carefully considered before proceeding.



NOTE: Any custom modifications made to the scooter are not covered by Aidacare and will void the warranty.

13. WARRANTY

7 YEAR LIMITED WARRANTY *Frame*

5 YEAR LIMITED WARRANTY *Motors, Axles & Brakes*

1 YEAR LIMITED WARRANTY *Electronics*

6 MONTH LIMITED WARRANTY *Battery*

The Aspire Elio scooter comes with a 7-year limited warranty on frame, a 5-year limited warranty on motors, axles, and brakes, a 1-year limited warranty on components, and 6-month on the battery. Please keep purchase invoice as proof of warranty commencement. This product carries a warranty that varies by component part and is against manufacturer defect only, it does not cover wear and tear through use. For further information contact Aidacare.

14. COMPLIANCE

This range of scooters are manufactured in ISO compliant production facilities in P.R. China, adhering to strict quality control standards.

Aspire scooters are manufactured and independently tested to meet relevant market compliance standards.

Labels on the scooter address compliance requirements, and users should familiarise themselves with these before use.

15. RECYCLING INFORMATION

This product is fitted with electronic components and should not be mixed with general household waste. Please follow the diagram below to identify the materials on the product. Old batteries and electronics are to be taken to your nearest recycling centre for recycling or contact your retailer.



Sealed Lead Acid Battery

Waste of Electrical and Electronic Equipment (WEEE)

Metal Frame, Plastic Body Parts, and Nylon Upholstery

16. MANUFACTURER DETAILS

If you have any questions, you can contact:

Manufacturer:

Aidacare Pty Ltd ABN 40 134 398 833

Building 3A, 1 Moorebank Avenue,
Moorebank NSW 2170 Australia

1300 133 120 | **product@aidacare.com.au**

The manufacturer reserves the right to alter, without notice, any weights, measurements, or other technical data shown in this manual. All figures, measurements, and capacities shown in this manual are approximate and do not constitute specifications.

AIDACARE PTY LTD

Building 3A, 1 Moorebank Avenue,
Moorebank NSW 2170
Australia

1300 133 120 | aidacare.com.au

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