



User Manual

[Revision 2.0]

THE BATTERY MAY HAVE SOME CHARGE ON ARRIVAL, IT IS IMPORTANT HOWEVER THAT THE BATTERY IS CHARGED PRIOR TO USE.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases, or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.



You **CAN** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol, or medication.
- This equipment is not intended for use by persons with reduced physical, sensory, or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well-ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start, or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors, and vents.



You **CAN** be INJURED if you do not follow instructions or equipment damage may occur.

General Equipment Use and Care

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage, or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases, or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids, or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!**• WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.**

- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

Important Mobility Scooter Safety Reminders

- **ASSISTANCE MAY BE REQUIRED TO EXIT THE MOBILITY SCOOTER. A QUALIFIED CARER IS RECOMMENDED WHEN TRAVELING UP OR DOWN AN INCLINE.**
- **DO NOT STAND DIRECTLY ON THE WHEELS, DO NOT PLACE ANY WEIGHT DIRECTLY ON THE WHEELS.**
- **WHEN SITTING ON THE SEAT ENSURE THE BRAKES ARE ENGAGED AND THE USER IS BALANCED TOWARDS THE BACK OF THE SEAT. DO NOT LEAN FORWARD.**
- **THE MOBILITY SCOOTER IS NOT DESIGNED FOR TRANSITING A PATIENT THROUGH LONG DISTANCES OR FOR USE ON ROUGH, UNEVEN SURFACES.**

Mobility Scooter Safety

- Please obey local traffic regulations when using the product.
- Do not attempt to modify the scooter without permission or use the scooter for any other purpose.
- If you feel dizzy or your vision is blurred due to a health condition or medication, you must not operate the scooter.
- Consult your physician if you are taking prescribed medication or have any physical limitations. Some medications and conditions may impair your ability to safely operate the scooter.
- Driving under the influence of alcohol is strictly prohibited in all areas.
- Please check the braking system before operating the scooter.
- Do not switch the scooter off before it has come to a stable stop on smooth ground.
- Do not remove the anti-tipper wheel if the scooter is equipped with one.
- Avoid stopping on a slope or driving on slopes steeper than the recommended limit for the stability of the scooter and your safety.
- Ride with caution and maintain a safe distance on wet, oily, or snowy roads to prevent tyre slippage and rollovers.
- Slow down and exercise caution when turning or reversing.
- Do not use the music or entertainment system while operating the scooter, as it may cause distraction and lead to accidents.
- Do not exceed the scooter's load capacity.
- Switch off the scooter when not in use to prolong battery life and protect against accidents.
- Do not charge the scooter in direct sunlight during summer. Charge the battery indoors during winter when the outdoor temperature is below 10°C.
- Always wear a seatbelt and keep your feet on the scooter at all times.

ProRider Mobility Scooter

- Never operate the scooter while under the influence of alcohol.
- Never use electronic radio transmitters such as walkie-talkies or mobile phones while operating the scooter.
- Ensure there are no obstacles behind you when reversing your scooter.
- Do not make sharp turns or sudden stops while riding your scooter.
- Do not ride your scooter in traffic.
- Do not attempt to climb curbs higher than the scooter's recommended limit.
- Keep your hands and feet on the scooter at all times while driving.
- Avoid riding your scooter in snow to prevent accidents on slippery roads.
- Do not allow unsupervised children to play near the scooter while the batteries are charging.
- **WARNING: DO NOT OPERATE YOUR SCOOTER FOR THE FIRST TIME WITHOUT FULLY READING AND UNDERSTANDING THIS USER MANUAL.**
- Do not operate the scooter on public streets or roadways. Be aware that it may be difficult for traffic to see you when you are seated on the scooter. Obey all local pedestrian traffic rules. Wait until your path is clear of traffic before proceeding with extreme caution.
- To prevent injury to yourself or others, always ensure the power is switched off when getting on or off the scooter.
- Always check that the drive wheels are engaged (in drive mode) before operating. Do not switch off the power while the scooter is still moving forward, as this will cause the scooter to come to an abrupt stop.
- Do not use this product or any optional equipment without first fully reading and understanding these instructions. If you are unable to understand the warnings, cautions, or instructions, contact a healthcare professional, dealer, or technical support before attempting to use this equipment. Otherwise, injury or damage may occur.
- In certain situations, including some medical conditions, the scooter user may need to practice operating the scooter with a trained attendant present. A trained attendant can be defined as a family member or care professional who is especially trained in assisting a scooter user with daily activities. Consult with your physician if you are taking any medication that may affect your ability to safely operate the scooter.
- Do not attempt to lift or move a power scooter by any of its removable parts, including the armrests, seats, or shrouds. Personal injury and damage to the scooter may result.
- Never attempt to use your scooter beyond its limitations as described in this manual.
- Do not sit on your scooter while it is in a moving vehicle.
- Keep your hands away from the wheels (tyres) while operating the scooter. Be aware that loose-fitting clothing can become caught in the drive tyres.
- Consult your physician if you are taking prescribed medication or if you have any physical limitations. Some medications and conditions may impair your ability to safely operate the scooter.
- Be aware of whether the drive mode is locked or unlocked.
- Do not remove the anti-tipper if your scooter is equipped with one.
- Contact with tools can cause electrical shock. Do not connect an extension cord to the AC/DC converter or battery charger.
- Do not attempt to lift or move your scooter by any of its removable parts, such as the armrests, seats, or shroud.
- When climbing an incline, drive your scooter straight up the incline rather than at an angle. This greatly reduces the risk of tipping or falling.
- Do not climb a slope steeper than the scooter's recommended limit.
- Do not attempt to reverse down any steps, curbs, or other obstacles, as this may cause the scooter to tip or fall.
- Always reduce your speed and maintain a stable centre of gravity when cornering sharply. Do not make sharp turns when operating the scooter at higher speeds.
- Operating the scooter in rain, snow, salt, mist, or on icy or slippery surfaces may have an adverse effect on the electrical system.
- Never sit on your scooter while it is being used with any type of lift or elevation product. Your scooter is not designed for such use, and any damage or injury resulting from this is not the responsibility of manufacturer.
- Note: The user's vision must meet a minimum standard of 0.5 or better.

Modifications

- We have designed and engineered power scooters to provide maximum utility. However, under no circumstances should you modify, add, remove, or disable any part or function of your power scooter. Doing so may result in personal injury or damage to the scooter.
- Do not modify your power scooter in any way not authorised by us. Do not use accessories unless they have been tested or approved for use with our products.
- Familiarise yourself with the feel and capabilities of your power scooter. We recommend performing a safety check before each use to ensure your scooter operates safely.

Inspections Prior to Using Your Power Scooter

- If equipped with pneumatic tyres, please check for proper tyre inflation.
- Check all electrical connections to ensure they are tight and free from corrosion.
- Ensure all harness connections are securely fastened.
- Always check the brakes before use.

Weight Limitation

- Refer to the specifications table for weight capacity information. Your power scooter is rated for a maximum weight capacity.
- Stay within the specified weight capacity of your scooter. Exceeding the weight limit will void your warranty, and we are not responsible for injuries or property damage resulting from failure to observe weight limitations.

- Do not carry passengers on the scooter. Carrying passengers can affect the centre of gravity, increasing the risk of tipping or falling.

Tyre Inflation

- If your scooter is equipped with pneumatic tyres, check the air pressure at least once a week.
- Proper inflation will prolong the life of your tyres and ensure smooth operation while riding.
- Do not underinflate or overinflate your tyres. It is essential to maintain a tyre pressure of 30-35 psi (2-2.4 bar) in pneumatic tyres at all times.
- Using an unregulated air source to inflate your tyres could cause overinflation, leading to a burst tyre.

Temperature

- Some parts of the mobility scooter are susceptible to temperature changes. The controller can only operate safely between -25°C and 50°C.
- The batteries may freeze at extremely low temperatures, preventing your mobility scooter from running. In extremely high temperatures, the scooter may operate at a reduced speed due to a safety feature in the controller designed to protect the motor and other electrical components from damage.

Electromagnetic Interference (EMI)





















- The rapid development of electronics, particularly in the field of communications, has saturated our environment with electromagnetic (EM) radio waves emitted by television, radio, and communication signals. These EM waves are invisible, and their strength increases as one approaches the source. All electrical conductors act as antennas to EM signals, and to varying degrees, all power wheelchairs and scooters are susceptible to electromagnetic interference (EMI). Such interference could result in abnormal, unintentional movement and/or erratic control of the vehicle.
- Power scooters may be susceptible to electromagnetic interference (EMI), which is emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, mobile phones, and shop alarm systems. Interference from these sources may cause the power scooter to release its brakes, move by itself, or move in unintended directions. It could also cause permanent damage to the scooter's control system.
- The intensity of EM energy can be measured in volts per metre (V/m). Each powered scooter has a certain level of resistance to EMI, referred to as its "immunity level." The higher the immunity level, the greater the protection. Current technology can provide at least 20 V/m of immunity, offering reasonable protection against common sources of radiated EMI.
- Following these warnings should reduce the chance of unintended brake release or powered scooter movement, which could result in serious injury:
- Do not turn on hand-held personal communication devices, such as citizens band (CB) radios and mobile phones, while the powered scooter is switched on.
- Be aware of nearby transmitters, such as radio or TV stations, and try to avoid approaching them.
- If unintended movement or brake release occurs, turn the powered scooter off as soon as it is safe to do so.
- Be aware that adding accessories or components, or modifying the powered scooter, may make it more susceptible to interference from radio wave sources (Note: It is difficult to evaluate the effect on the overall immunity of the powered scooter).
- Report all incidents of unintended movement or brake release to the powered scooter manufacturer and note whether a radio wave source was nearby.
- Turn off your powered scooter immediately if you experience any of the following:
 - Unintentional scooter movements
 - Unintended or uncontrollable direction changes
 - Unexpected brake release

Battery and Charger Safety

- Only use the approved battery charger compatible with the vehicle to be charged.
- Charge your batteries overnight, regardless of how much use your mobility device has had during the day.
- Do not interrupt the charging cycle.
- If your mobility device is not required for use, it should remain on charge. This will not damage the batteries as long as the mains socket/plug is left switched on.
- Do not leave the charger connected to the batteries when the mains socket/plug is switched off. This will eventually deplete the battery charge.
- If you are leaving your vehicle for an extended period (more than 5 days), first charge your batteries for 8-10 hours, then remove the charger and ensure the batteries are disconnected.
- Failure to allow for a full recharge will damage the batteries and can lead to reduced travel distances and permanent failure.
- Do not top up the charge of your batteries during the day except in an emergency. Wait until the evening for a full overnight charge.
- Remember to remove the plug from your scooter when the charger is off to prevent driving away while still attached. The scooter cannot be operated while charging.
- The batteries should be checked regularly for signs of damage. If any damage is apparent, contact your local mobility dealer immediately.
- Take care not to short circuit the battery terminals. Remove all conductive jewellery (e.g. watches, necklaces) before checking the batteries.
- When charging, always place the scooter on a hard surface in a well-ventilated room. Do not charge the batteries in outdoor conditions.
- Do not expose any part of the battery to direct heat (e.g. gas fires or naked flames).
- Do not allow the batteries to freeze.
- Do not dispose of batteries with normal waste. Always recycle them in accordance with local laws.
- If you are out on your scooter and the battery gauge is reading low, the remaining range can be slightly increased by reducing the maximum available speed.

Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

 <p>Flammable Material Hazard Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p>Toxic Fumes / Dust Hazard Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p>Explosive Material Hazard Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p>Crush Hazard The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing, and head hazards.</p>	 <p>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p>Moving Parts Hazard Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>








 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp, or wet conditions. Electrical shock can be fatal.</p>	 <p>Electrocution / Electrical Shock Hazard - Disconnect High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p>Power Line Electrocution Hazard High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	 <p>Choking Hazard Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.</p>

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Parts Identification



Operation

IMPORTANT! Assistance may be required to exit the mobility scooter. A qualified carer is recommended when traveling up or down an incline. Do not stand directly on the wheels, do not place any weight directly on the wheels. When sitting on the seat ensure the brakes are engaged and the user is balanced towards the back of the seat. Do not lean forward. The mobility scooter is not designed for transiting a patient through long distances or for use on rough, uneven surfaces.

Before First Use

Before operating, open the left shroud cover, then push the red keycap down to the position shown in the picture.



Adjusting the Seat



To remove the seat simply pull the lever in an upwards direction as shown, while lifting the seat. Assistance will be needed for the elderly



To rotate the seat, pull the lever up while turning the seat



Pull the front lever down to slide the seat forward or back on the rail system

Front Adjustment

Press down the lever and move it to your preferred position.



Getting On the Scooter

1. Ensure that the key switch is turned to the off position.
2. Push forward the seat swivel lever, located under the seat on the right-hand side, and rotate the seat to face you.
3. Lower the armrests fully and use them to steady yourself as you gently lower yourself into the seat.
4. Push forward the seat swivel lever again and gently swivel the seat to face forward.
5. Ensure that both feet are placed firmly on the scooter's floorboard and that the seat is secure.

Getting off Your Scooter

1. Bring your scooter to a stop and turn the key switch to the off position.
2. Push forward the seat swivel lever, located under the seat on the right-hand side, and rotate the seat 90 degrees to exit.
3. Place both feet on the ground and gently leave the seat, using the armrests to assist you as you exit the chair.

Key Switch



Power ON

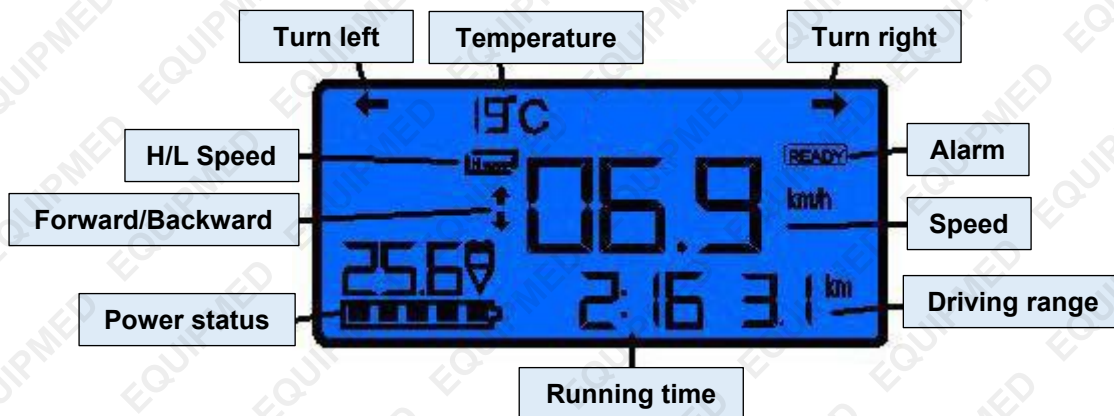
Control Panel Features



Features:

- **Speed Control Knob:** Turn this knob to the left to slow down. Turning it to the right increases speed.
- **Headlight Button:** Press the light button to turn on the lights or in case of bad visibility. Pressing it again switches off the light.
- **Horn Button:** Press the horn button to alert pedestrians and vehicles of your presence when necessary.
- **Left/Right Indicator Light Button:** Press this button to show that your scooter is about to change directions.

LCD Features



Features:

- **Power status:** Battery's remaining capacity and charging indicator (5 squares battery icon + voltage)
- **Speed sensor:** 2.5 digits + 1 decimal + "km/h" symbol
- **High/low speed indicator:** "H speed" or "Low speed" symbol
- **Forward/backward indicator:** ↑ or ↓ symbol
- **Turn left/right indicator:** ← or → symbol
- **Odometer:** driving range (99.9km max)

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- **Running time:** Running time consumed per use
- **Temperature gauge:** °C mode
- **Malfunction code:** READY symbol will flash
- **LCD back light:** blue

Joystick Operation



- For driving, please pull the right joystick (forward) or the left joystick (backward).
- If you release the joystick, you can stop the scooter. In the centre position the intelligent electromagnetic brake system works also as a parking brake.
- For the sake of safety, when rolling down the slope with the manual brake free, the intelligent brake will work automatically if the running speed is more than 30% of the scooter's maximum speed.



Disengaged

- Please be noted that the scooter will be at brake-free mode when the manual brake is disengaged.
- To use the manual brake, you must move and lock the lever behind to the engaged position.



Engaged

Charging the Scooter

1. Switch your scooter OFF with the key switch.
2. Open the charge connector cover on the scooter and plug in the charger.
3. Connect the other end with the battery.
4. Scooter will begin charging.

CAUTION! Before using the battery charger, please read all the instructions carefully. Please do not charge the scooter outdoors, in confined spaces, or under environment of high temperature, flammable gas, oil, fog and vapour. Please do not place the charger in the seat cask or trunk when charging. Ensure the scooter is switched off before charging. Ensure that the charger plug is dry and intact before connecting with scooter. After charging, please remember to close back the charging cover to avoid dampening. The charger must be kept dry in environment between -25°C and 40°C. Use only the original charger from the manufacturer. Using other charged may shorten your warranty period, may cause damage and injury. In all cases, the charger must only be repaired by an authorised service centre.



Tips:

- If some failure occurs, the reset button will pop out. Switch the scooter OFF, press the button in and switch ON the scooter again.
- If your scooter fails to respond to normal control after a charging period, please check whether the battery charger has been completely disconnected from the scooter.



Lead-Acid Battery Care and Maintenance

Top 3 Battery Care Requirements

1. **Charge battery before first use.** The battery may arrive with some charge, regardless of this the battery must be charged for 8-10 hours on the initial charge and 8-10 hours for each subsequent charge.
2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing.



To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- Inspect the terminals, screws, clamps and cables for breakage, damage, or loose connections. These should be clean, tight, and free of corrosion.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- Keep the battery clean, dry, free of dirt and grime. A dirty battery can discharge across the grime on top of the battery casing.
- Apply a thin coating of high temperature grease to posts and cable connections for added protection.
- Inspect the battery case for obvious signs of physical damage or warpage. This usually indicates the battery has been overheated or has been overcharged.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – protect the battery against heat, for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating, or fire may result.

Maintenance

IMPORTANT! Ensure the wheel axles are checked and tightened regularly.

Your power scooter is designed for minimal maintenance. However, like any motorised vehicle, it requires routine care. To ensure years of trouble-free operation with your Scooter, we recommend following these maintenance checks as scheduled.

Daily Checks

- Perform a visual check on the condition of the tyres.
- Inspect the battery condition meter on the controller to determine if the batteries need to be charged.

Weekly Checks

- Check the tyres and tyre pressures. Ensure each tyre is free from debris, oil, deep cuts, or distortion.
- Ensure the batteries are charged for a minimum of 8-10 hours.

Quarterly Checks

- Visually inspect the controller harnesses. Ensure they are not frayed, cut, or have any exposed wires.
- Check the tyres for wear. Ensure the tread is visible and continuous.

Annual Checks (By an Authorised Dealer)

- Check the seat swivel and seat slide (where fitted).
- Inspect the wiring and connectors for chafing and wear.
- Check the motor brushes.
- Clean and protect battery terminals with petroleum jelly.
- Ensure the parking brake (where fitted) is correctly adjusted.
- Check the stabiliser wheels for wear.

Tyre Pressure



The tyre pressure should be checked every 30 days, If the tyre is going flat, unscrew the cap on the Schrader valve and inflate the tyre to the required psi. The required psi is typically printed on the sidewall of the wheelchair's tyres.

**Not applicable to solid rubber tyres.*

Storage and Transportation

Your scooter can be quickly and easily disassembled for transportation.

1. Switch off the scooter and ensure the motor is engaged.
2. Safely and securely place the scooter into the luggage compartment.

To reassemble the scooter, reverse the sequence above.

CAUTION: Always secure all parts of your scooter before transportation. Do not sit on the scooter while it is being transported in or on another vehicle.

Packaging and Transportation Environmental Conditions

- The mobility scooters can be transported using standard transportation vehicles, but they must be protected from strong impacts, vibrations, snow, or rain. These conditions are outlined in the order contract.
- Packaged scooters should be stored in an environment with a temperature between -20°C and 45°C, with humidity levels below 93%. The environment should have no condensation or corrosive air and should be well-ventilated.

Troubleshooting

Failures	Possible causes	Solutions
Driving range shortened	Batteries not charged for enough time	Charge batteries for eight hours or more
	Battery is aging to low capacity	Replace batteries
Battery cannot charge or battery gauge shows empty after charging	Battery fault	Replace batteries
	Charge fault	Contact authorised service centre
	Charger plug is damaged	Check plug
	Loose connection	Try a wall socket in a different room
	No output from wall outlet	Unplug from wall & change fuse
	Fuse in charger mains plug blown	Switch OFF and press button back in
	Button on battery pack has popped out	Switch OFF and press button back in
	Output fuse in charger blown	Unplug from wall and contact dealer
Battery charging current high	Battery fault	Replace batteries
	Scooter switched ON during charging	switch OFF the scooter
The scooter isn't working	Brake-release lever disengaged	Engage brake-release lever
	Flat batteries	Charge battery pack
	Scooter is not switched on with key switch	Ensure the key switch is switched ON
	The battery cable is loose.	Check battery cable
	Charger plugged in	Unplug charger
	Button on battery pack popped out	Reset circuit-breaker button
	Disconnected loom or plugs	Check all plugs & looms
	Control system fault	Contact authorised service centre
Motor runs irregularly and/or noisily	Electrical malfunction	Contact authorised service centre
	Control system fault	Contact authorised service centre

- **Do not attempt to disassemble any parts of the scooter control system, battery, or battery charger.**
- **The control system is critically important, and user should not deal with it arbitrarily.**

Your scooter is engineered with a self-diagnostic controller which continuously monitors the operating conditions of your scooter. If it detects a problem, it will indicate error message by flashing 'READY' on the LCD and the alarm will beep simultaneously. You should count the number of flashes and beeps separated by a short delay

between each sequence and check the list below to see what kind of problem has happened according to the number.

Number of flashes/beeps	Meaning	Fault	Solution
1	Battery power low	Power not enough	The battery needs charging
2	Low battery voltage	Power not enough	The battery needs charging
3	High battery voltage	Too higher voltage, while overloading or climbing	Decrease speed while climbing
			Check battery connection
4	Electric current over limit	Electric current over limit of motor	Check motor and relative wiring connections
			Switch off and wait a few minutes and switch on
5	Free-brake issue	The freewheel level is on	Check the relative wiring of the freewheel level
			Confirm the level is on the correct position
6	Accelerate variable resistor issue	When turning on the controller, accelerate variable resistor isn't on the neutral position	Make sure the accelerate variable resistor is on the neutral position
			Accelerate variable resistor may need to recalibration
7	Speed limited variable resistor issue	Accelerate variable resistor, speed limited variable resistor or other wiring issue	Check all the accelerate variable resistor, Speed limited variable resistor or other wiring
8	Motor voltage issue	Motor and other relative wirings issue	Check the motor and other relative wirings
9	Other issues	Some inner issues in the controller	Check all the connection and wirings
10	Pushing/Slipping issues	The speed of pushing or slipping is over limited	Switch the controller ON and OFF

Specifications

Max Speed	15km/h
Max Range	55km (terrain and rider weight dependent)
Hill Climbing Capability	12°
Weight Capacity	180kg
Suspension	Front and Rear
Tyres	13" x 5" pneumatic
Brakes	Electromagnetic
Batteries	24V (2 x 12V) 52Ah
Charger	240V
Charging Time	8-10 hours
Motor	24V 800W

Note: Minimal Assembly Required



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging, and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear, or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear, or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business, or employee, or financially affect the user, business, or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement, or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

