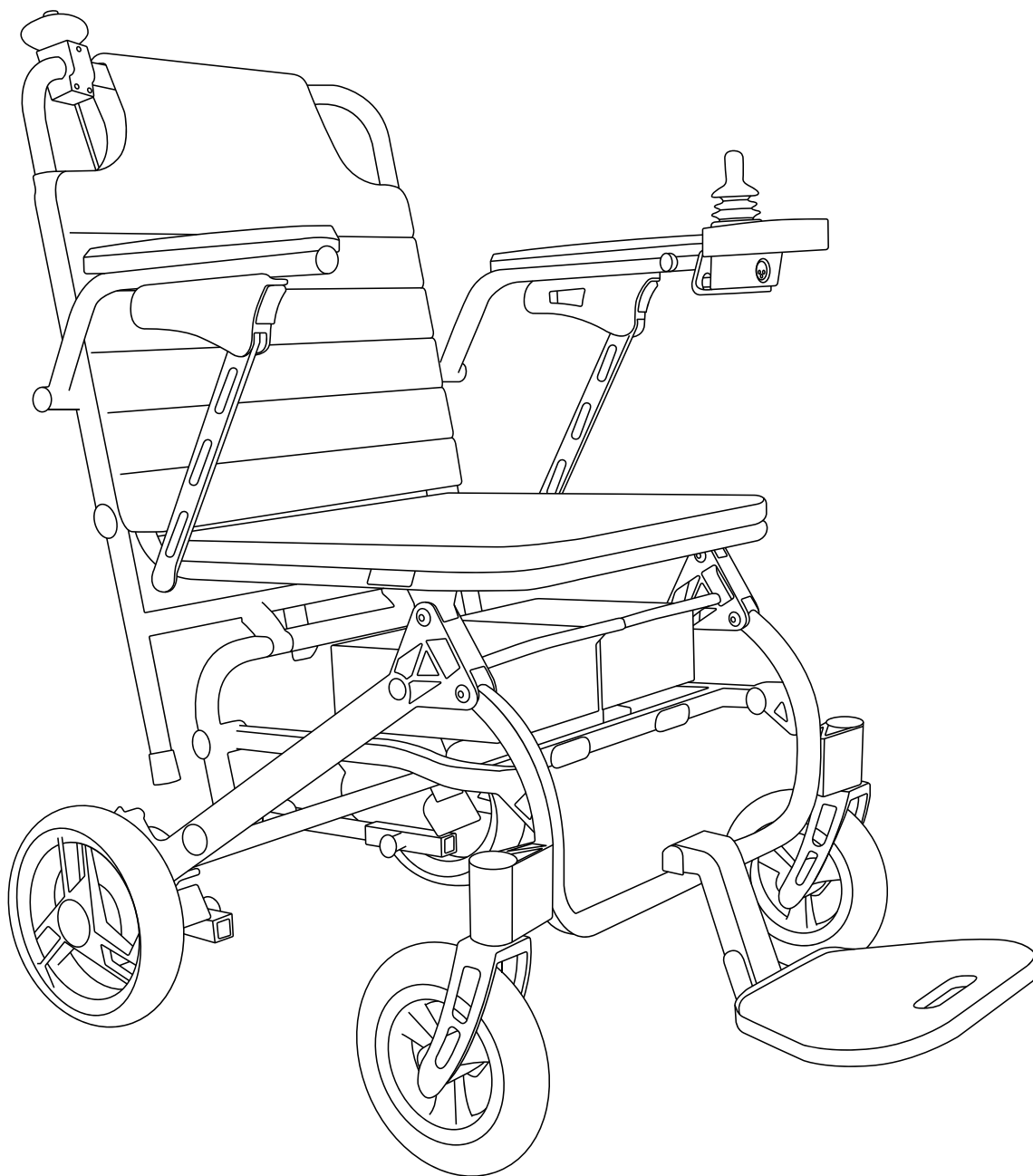


# electron

## User Manual



**Motion**

**CE UK  
CA**

## Important safety information

Before you operate your device, please read and understand all of the information provided for your safety. As with operating any vehicle, only drive with full alertness to ensure safety. Please observe the warnings below to avoid any damage or injury resulting from improper use of your device. You are responsible for taking proper safety measures and we will not be held liable for personal injury and/ or product damage resulting from improper use of the device.


- Please consult your doctor routinely to ensure there are no health or physical conditions that may limit or impair your ability to safely operate your device.
- Consult your doctor if you are taking prescription or over-the-counter medications to see if any side effects may limit or impair your ability to safely operate your device.
- Do not operate your device while you are under the influence of alcohol, as this may impair your ability to operate it safely.
- Do not use the device 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 device.
- Your device is designed for one person only. Do not carry passengers.
- We strongly recommend that you do not smoke cigarettes while seated on your device. You must adhere to the following safety guidelines if you decide to smoke cigarettes while seated on your device: Do not leave lit cigarettes unattended. Keep ashtrays at a safe distance from the device. Always make sure cigarettes are completely extinguished before disposal.
- Replace worn or damaged upholstery immediately to reduce the risk of flammability.
- Keep all electrical connections clean, dry and away from sources of dampness at all times to prevent damage to the electrical system and/or personal injury.
- Check electrical components frequently for signs of corrosion and if found contact the company you purchased from to replace these as soon as possible.
- Do not modify your device. For any accessories, please contact an approved company for installation.
- The addition of accessories to your device may change certain specifications such as overall weight, size, and /or the centre of gravity. Please take note of how some of the changes may damage any objects around you.
- Exercise extreme caution when using oxygen in close proximity to electrical circuits and combustible materials. Contact your oxygen provider for information on using oxygen safely.
- Do not change the settings of the controller. Please contact an approved company if you notice any change in your ability to control your device.
- Do not place the device in "free-wheel" mode while it is turned on. Always turn off the device before engaging or disengaging "free-wheel" mode.
- If you anticipate being seated in a stationary position for an extended period of time, turn off the power to the device. This will prevent unexpected or unintended movement.
- Do not connect any device to the device's electrical system or use the batteries to power anything other than your device.
- To prevent the device from rolling uncontrollably on its own, never place the powerchair in "free-wheel" mode on any incline or decline.
- Possible strangulation hazard! Be aware that clothing, lanyards, necklaces, other jewellery, purses, and other accessories worn or carried by you while you are seated on or operating your device may get caught around the armrests or throttle control lever.
- Avoid using any accessories that may interfere with the operation of the controls to avoid unintended or uncontrolled movement of the device.
- Keep yourself, clothing, and all other objects away from the wheels while driving. Do not allow any objects to drag behind the device when driving. Loose-fitting clothing or other objects can get caught in the wheels.
- Do not remove any fuses from the battery or device. If the fuse appears damaged, contact the company you purchased from.
- Do not use the armrests (if fitted) for any weight bearing purposes as this may cause the device to tip.
- Carefully read all important warnings and instruction labels on the device before operation.
- Avoid exposure to rain, snow, ice, salt or standing water whenever possible.
- Maintain and store in a clean and dry condition.

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 **WARNING** Highlights potential hazards for the user and/or product.

 **SUGGESTION/TIP** General suggestions and advice for operating this product.

**CHECK OUT THIS PRODUCT**

For more information, scan the QR code



## **Introduction**

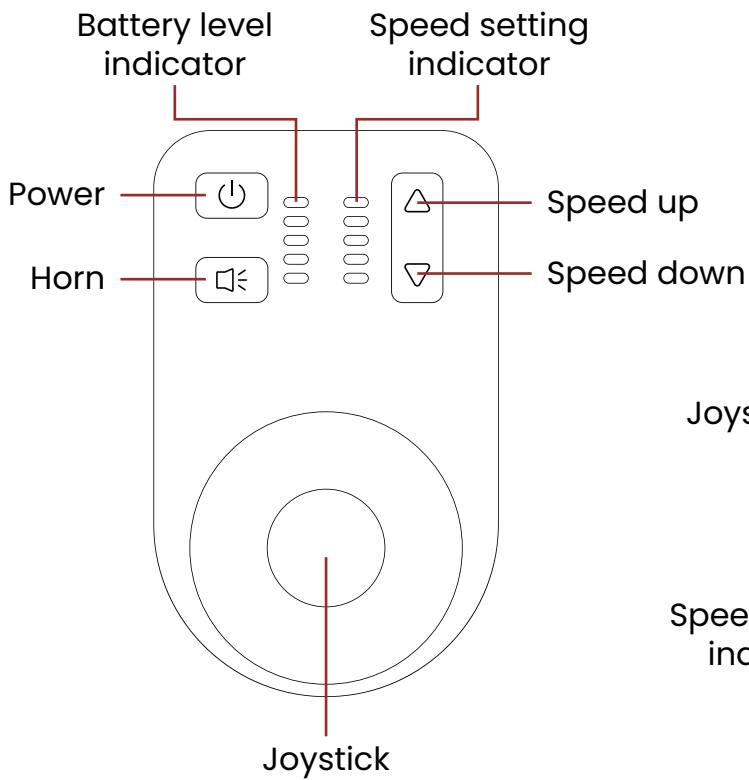
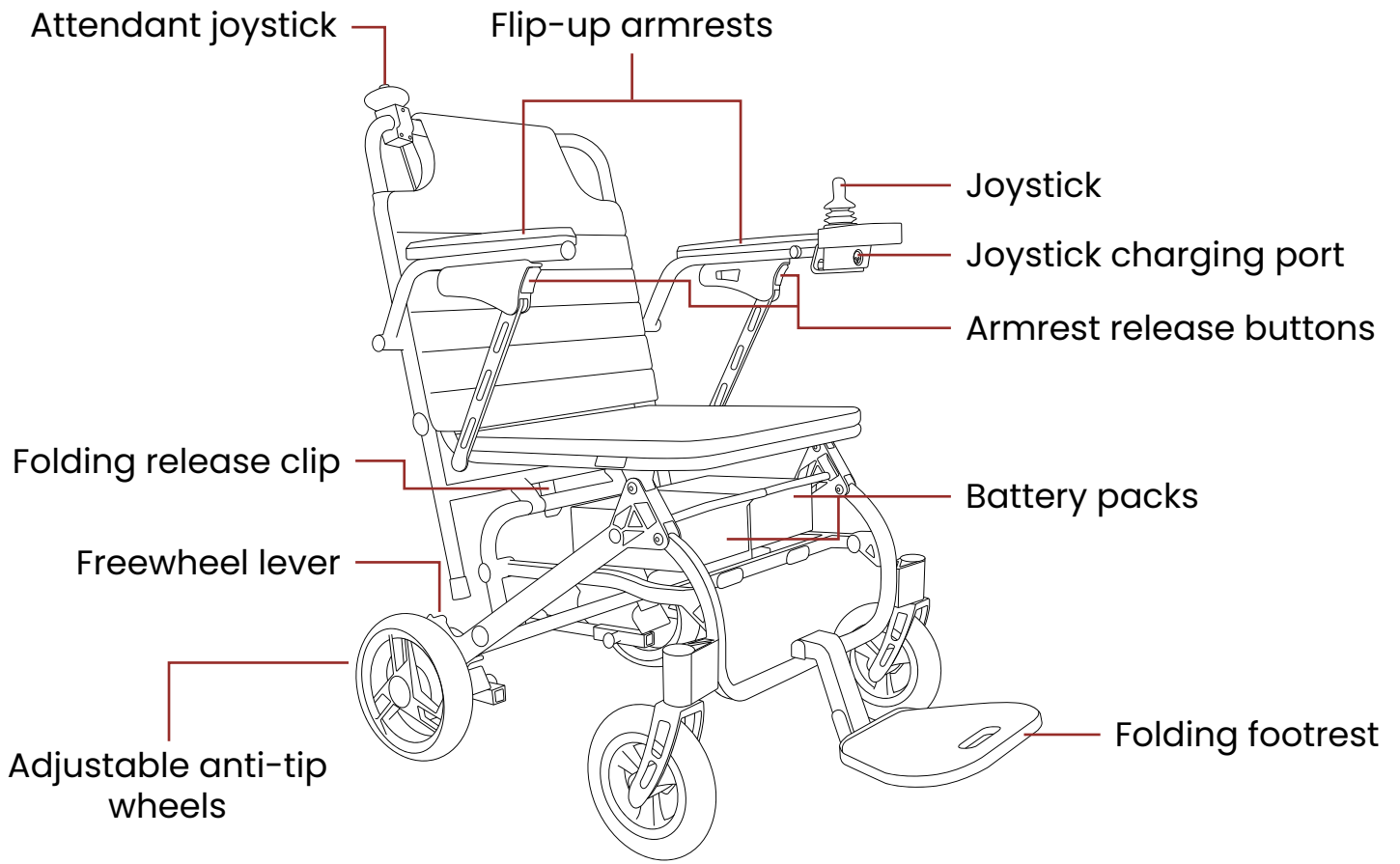
Thank you and congratulations on purchasing your new Motion Healthcare Electron Powerchair.

Your new device is designed to provide transportation indoors and outdoors for a person whose ability to walk is impaired, but who in terms of eyesight, dexterity and cognitive ability are able to safely operate the device.

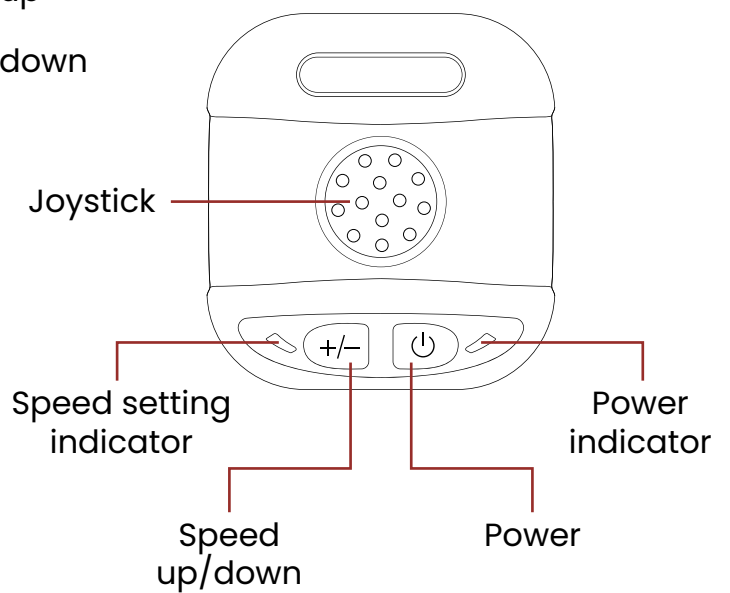
We pride ourselves on providing safe, comfortable and high quality products and our goal is to ensure your complete satisfaction, we sincerely hope we achieve that and you enjoy your Motion Healthcare device.

Please read and observe all warnings and instructions provided in this user manual before you operate the various functions of your device and please retain this user manual for future reference.

If you have any questions, please contact the company you purchased from.



**Main Joystick**



**Attendant Joystick**

# Safety Information

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## Mounting & Dismounting

Move your device as close as you can to the seat you are transferring from and transfer as far back onto the seat surface as you can, this will reduce the risk that you will miss the seat or fall. The full correct transfer method varies based on your personal circumstances so work with your health care professional to learn how to position your body and how to support yourself during a transfer.

We also advise you have someone help you until you are sure you can safely transfer on your own.



**WARNING** To safely mount/dismount, always make sure it is first turned off. If you fail to do so, you may accidentally cause your device to move unexpectedly.

## Driving Safely

When driving your device always be aware of the following:

- Always obey all of the local pedestrian and traffic rules. It may be difficult for others to see you when you are seated on your device. Wait until your path is clear of traffic, and then proceed with extreme caution. Use of safety equipment such as reflectors/reflective clothing, lights, and safety flags is advisory.
- Every device is different. Take the time to learn the feel of this device before driving.
- Get to know the areas where you plan to use device. Look for hazards and learn how to avoid them.
- Never use your device to negotiate stairs or escalators.
- To prevent tipping reduce your speed when turning and do not make any sharp turns. Always maintain a stable centre of gravity while turning and avoid shifting your weight in the opposite direction of a turn.
- While driving up inclines or low kerbs, drive your device straight on with the wheels perpendicular to the incline and/or low kerb; both front wheels should contact the incline/low kerb 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 device on the incline/low kerb first. Always exercise extreme caution when negotiating an incline or kerb.
- 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.
- When climbing an incline, try to keep the device moving. If stopping is necessary, start up again slowly and then accelerate with caution.
- When descending an incline, use the slowest speed possible. If the descent is faster than you desire, release the throttle control to stop the device. Then press the throttle control gently to control the speed of your descent.
- The maximum recommended incline angles (see specifications) are tested in a controlled environment. Your device's ability to climb up inclines is affected by your weight, speed and the angle you approach the incline among other factors.

- Only drive backwards on a flat surface. When driving backwards, operate your device 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.
- Avoid any change of position or movement that may change your centre of gravity while the device is moving.
- Be aware a dropped kerb or small bump at the bottom of a slope can stop the front wheels and cause the device to tip forward.
- When driving, the device should maintain a stable balance & centre of gravity to avoid tipping over. Factors that can affect balance & centre of gravity include;
  - seat height & angle
  - user position, posture, or changes in weight distribution
  - slope or gradient
  - use of backpacks or other items that could change the total weight or distribution on the device.

## **Load Capacity**

- The maximum user weight for the device is 18.9 st. (120 kg).
- Do not press or lift the backrest.
- Do not stand on the footrest.
- Do not use the powerchair for any weight training under any circumstances, and make sure the total load weight is less than the maximum user weight for the device.
- When the load exceeds the maximum user weight, it will cause damage to the seat, frame, fixings, folding system, etc., and may even cause serious injury to the user themselves.
- Problems caused by overloading are not covered by warranty.

## **Transportation**

When transporting your device always be aware of the following:

- Do not use your device as a seat in any motor vehicle.
- Always secure the device and its batteries when it is being transported. Do not transport the device or batteries with any flammable or combustible items.
- Never transport the device in the front seat of a vehicle as it may move and distract the driver.
- Never sit on your device while it is in a moving vehicle.
- Do not tow your device with a car. Towing may exceed the maximum speed threshold, resulting in damage to critical components of the device.

# Getting Started

## Unfolding & Folding

### Unfolding

1. With one hand on the backrest frame & the other on the seat base cushion, pull the backrest frame and push the backrest cushion to unfold the powerchair (*Fig. 1.1*).
2. The folding release clip will 'click' when fully open & locked (*Fig. 1.2*).

### Folding

1. With one hand on the backrest frame & the other on the folding release clip, push the clip to release and push the backrest down & away (*Fig. 2*).
2. Immediately after the folding release clip is released and the backrest can move, pull the seat base towards the backrest, in order to stand the powerchair on its standing support legs (*Fig. 3*).

## Joystick Installation

The joystick can be installed on either the left or right side as required.

1. Insert the joystick into the armrest tube hole
2. Tighten the joystick securing knob under the armrest to secure the joystick in place
3. Connect the joystick and main controller cables (*Fig. 4*), taking care to line up the pins correctly, so that they do not get bent, broken or damaged
4. Secure the connection by tightening the coupling rings over the connected cables (*Fig. 5*)

## Controlling the powerchair

- The joystick can easily control the powerchair smoothly with 360° of mobility.
- Push the joystick in the direction you wish to travel. The further you push the joystick, the faster the powerchair will travel.
- When releasing the joystick, it will return to the centre, halting any movement.



**TIP** When operating for the first time, use a low speed to learn how to control the powerchair.



Fig. 1.2

Fig. 1.1



Fig. 2

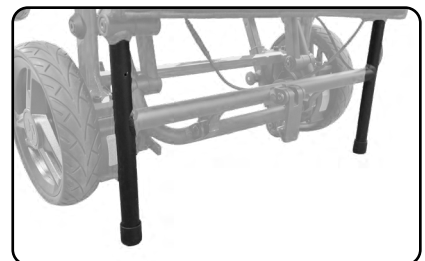


Fig. 3



Fig. 4



Fig. 5



Fig. 6



## Powering on

- To power on, press the power button [  ] (Fig. 8).



Fig. 7

## Changing Speed

- To increase speed, press the up arrow button [  ] on the joystick (Fig. 8.1).
- To decrease speed, press the down arrow button [  ] on the joystick (Fig. 8.2).

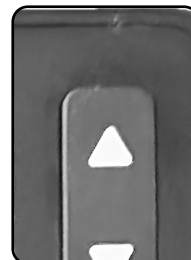


Fig. 8.1

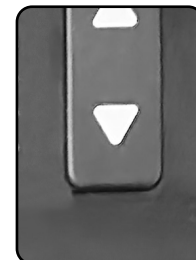



Fig. 8.2



**WARNING** When driving downhill, decrease the speed to reduce the chance of injury.

## Sounding the Horn

- To sound the horn, press the horn button [  ] on the joystick (Fig. 9).

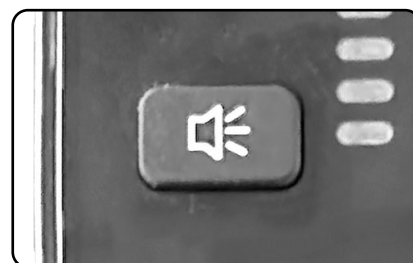


Fig. 9

## Electromagnetic Brakes

The electromagnetic (EM) brakes are designed to lock or release the powerchair's wheels when the power is switched off. When the brakes are engaged, the chair is prevented from 'freewheeling' and keeps it securely in place. When disengaged, the chair can be pushed freely without resistance.

To drive the powerchair, the brakes must be in the locked position, otherwise a 5-beep error will sound.

The brakes are located at the back of the powerchair, by the rear wheels (Fig. 10).

- To engage the EM brakes, pull the levers away from the back of the chair (Fig. 11.1).
- To disengage, push the levers towards the front of the chair (Fig. 11.2).

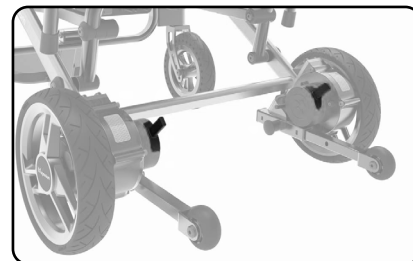


Fig. 10

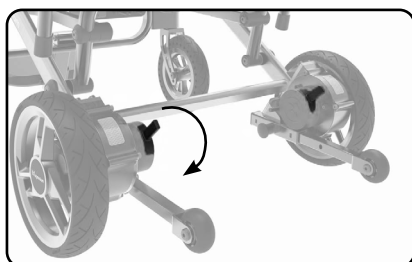


Fig. 11.1

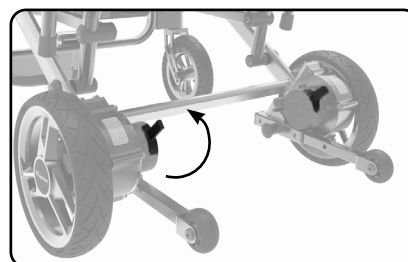


Fig. 11.2

# Batteries & Charging



**TIP** New batteries should be fully charged (approx. 10-12 hours) prior to first use to fully activate the batteries.



**NOTE** Range is influenced by the battery discharge rate. This depends on several factors such as temperature, driving/road conditions, tyre pressure & user weight.

Before each use, always check the battery level.

## Charging the Batteries

The estimated charging time for a battery is 5-7 hours.

1. Ensure the powerchair is turned off before charging
2. Plug the charging cable into the charging port on the controller, located on the under-front side of the joystick (Fig. 12)
3. Turn on the wall outlet to begin charging

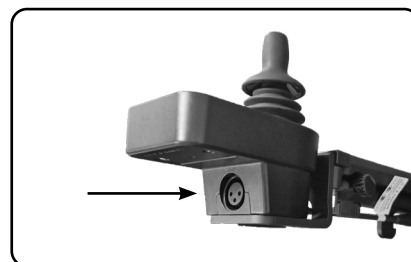


Fig. 12

The batteries are fully charged when the indicator light on the charger changes from red to green.



**TIP** Fully charge batteries at least once every 2 months when the powerchair is not in use. Charge up after each long trip.

## Installing/Removing the Batteries

### Installing

- Hold the battery handle, place the locking pins (on the underside of the battery case) **(A)** into the slots (Fig. 13) and push the battery to lock in place.

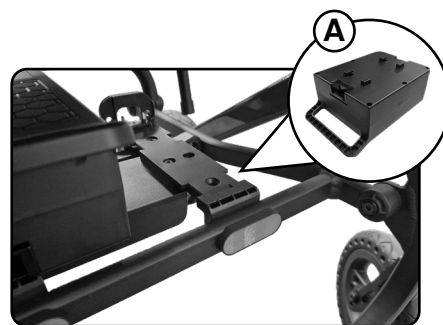


Fig. 13

### Removing

- Press the release button up **(B)** (Fig. 14) and slide the battery out using the handle.



Fig. 14



**WARNING** Do not use batteries of different capacities, brands or types. When replacing batteries, replace all and do not mix new & old batteries.

## **Over-discharge Protection**

When the battery is depleted, the over-discharge protection device will protect the charger from over-discharge. Users should note that the maximum speed will be reduced when the over-discharge protection device is activated.

## **Over-current Protection**

The powerchair also has an over-current protection device. When the current supplied to the motor is too large, the electronic fuse will cut off the current.

If a fault occurs during operation, the over-current protection device will activate and the drive wheels will stop. During this, the fuse will cut off the current to prevent the motor from being damaged & overheating.

Battery life can be affected by temperature, user weight, the condition the battery is kept in, as well as the charging regime used.

As a general rule you should charge your batteries as often as possible to ensure the longest possible life and minimise the required charging time. Plan to recharge them when you do not anticipate using your device.

Always ensure your batteries are stored in a dry, well-ventilated environment and not left in cold conditions (3° and under) for extended periods of time as this will result in the battery being unable to receive a charge and will result in permanent damage.

## **Warnings**

- Keep batteries & chargers out of reach of children & pets.
- Corrosive chemicals are contained in batteries.
- Explosive conditions exist. Do not smoke or have open flames near the battery.
- Do not use batteries with different amp-hours (ah) capacities.
- Keep tools and other metal objects away from battery terminals. Contact with tools can result in electric shock.
- Flammable material contained in batteries. Do not expose to heat sources such as open flame or sparks. Do not transport batteries with flammable or combustible items.
- To dispose of or recycle your batteries, please contact the approved company you purchased from.
- Do not use a different charger type than the one supplied.
- Do not attempt to recharge the batteries and operate the device at the same time.
- Do not attempt to recharge the batteries by attaching cables directly to the battery terminals or clamps.
- Always check your battery level before starting a journey to avoid being stranded.
- Do not attempt to remove batteries from their cases. This should only be carried out by an Approved Partner.
- Do not cover the charger or batteries by any object during charging.

# Cleaning, Maintenance & Disposal

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## Cleaning

### Seat Upholstery:

- Only use a damp cloth and a small amount of soap to wipe the seat. Do not use abrasive cleaners as this will damage the seat material.

### Frame/Shrouds:

- The frame and shrouds can be wiped lightly with a damp cloth. Do not use abrasive cleaners as this damage the coating.
- Car polish can be used to keep the frame and shroud paint in pristine condition.



#### **WARNING**

- Do not use a hose pipe, jet wash or splash water directly onto your powerchair.
- Do not use abrasive or scouring materials or liquids when cleaning.

Allow your device to dry naturally.

- Ensure your device is turned off when being cleaned.
- Ensure you avoid any electrical connections when cleaning.

## Maintenance

- Ensure the daily checks are made on your device. Apart from cleaning and regular checks it is recommended that all maintenance is completed by an approved company. It is recommended that your device is serviced every at least every 12 months.



**WARNING** Always turn off the power and ensure the EM brakes are engaged before performing any maintenance.

## Disposal

- It is recommended that your device is disposed of through an approved company. Due to the lithium battery in your device it is classed as hazardous goods and must be disposed of in the correct manner. For more information contact the company you purchased from.

## Powerchair Storage

- Always store the powerchair in a dry location.
- If stored for longer than a week, disconnect the battery.
- Do not store the powerchair where it may be exposed to direct sun, heat, damp, oil, acid or alkaline.
- Recommended storage temperature: -30°C to +50°C
- Recommended storage humidity: 25% to 85%

## Battery Storage

- Storage temperature: -30°C to +50°C (no time limit)
- If stored for;
  - longer than 3 months: -20°C to +20°C
  - less than 3 months: -20°C to +40°C
  - less than 1 month: -20°C to +50°C
- Transportation temperature must not exceed +60°C



### **WARNING**

- Do not drive on grass, sand, or uneven surfaces. Regular maintenance is required.
- Avoid using water, oil or other chemicals to clean the powerchair to protect the electronic components. Use a soft dry or damp cloth.
- Do not wash with direct water spray, as this may cause circuit malfunctions.
- Do not use gasoline or volatile solvents, as they can deform or damage covers.
- Have the powerchair serviced by your Approved Motion Partner. Improper adjustments or service by an unauthorised dealer may damage the powerchair's functionality and void warranty.
- Wipe tyres clean with water only. Do not use cleaners, as they can damage or reduce traction.
- When maintaining or checking the powerchair, turn off the power and ensure the freewheel lever is in Drive (D) to prevent rolling.
- If cracks, damage or low tread/pressure in the tyres are noticed, go to the Approved Partner where you purchased the powerchair from for replacement/repair.

# Inspection Plan

Always check your powerchair before every journey.

Maintenance Job	Inspection	Daily	Weekly	Monthly	What to do if the inspection fails
Freewheel Levers	Check for correct function	✓			<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Horn	Check for correct function	✓			<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Joystick	Pull the wigwag to test the powerchair movement	✓			<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Electro-mechanical Brake & Emergency Brake	Pull the wigwag and release to test if brake works. Pull emergency brake handle to check if works	✓			<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Battery Gauge	Check if battery gauge is displayed and whether it is at low power	✓			<ul style="list-style-type: none"> <li>Contact an Approved Partner if battery gauge is not working</li> <li>Recharge the battery if low</li> </ul>
Speed Buttons	Check for correct function		✓		<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Armrests	Check if parts are clean and firmly tightened and do not wobble		✓		<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Wheels/Tyres	Inflate tyres to the correct pressure and check; <ul style="list-style-type: none"> <li>wheels rotate without wobbling</li> <li>tyre tread is at least 0.5mm</li> <li>no foreign objects in the tyres</li> </ul>		✓		<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Motor	Check for correct function		✓		<ul style="list-style-type: none"> <li>Observe while driving</li> <li>Contact an Approved Partner</li> </ul>
Battery Charger	Check if charger is functioning correctly and batteries are charged		✓		<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Seat	Check for movement and wear			✓	<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>
Electronics	Check if all battery cables and connectors are firmly tightened			✓	<ul style="list-style-type: none"> <li>Contact an Approved Partner</li> </ul>

# Electromagnetic Compatibility

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This portion of the content will provide you with basic information about the problems with EMI (electromagnetic interference), protective measures can be used to either lessen the possibility of exposure or to minimize the degree of exposure; this section also shows some conditions that unexpected or erratic movements may cause. It is very important that you read this information regarding the possible effects of electromagnetic interference on your device.

Your device 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 mobile phones. The interference (from radio wave sources) can cause your device to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the device's control system. The intensity of the interfering EM energy can be measured in volts per meter (V/m). Your device 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. Your device as sold, with no further modification, has an immunity level of 20 V/m without any accessories.

There are a number of sources of relatively intense EM in the everyday environment. Some of these sources are obvious and easy to avoid, others are not and exposure is unavoidable. However, we believe that by following the warning listed below, your risk to EMI will be minimized. 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), mobile telephones and other personal communication devices. Some mobile 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 engines, ambulances and taxis usually have the antenna mounted on the outside of the vehicle.
3. Long-range transmitters and transceivers, such as commercial broadcast transmitters (radio and TV broadcast antenna towers) and amateur (HAM) radios.

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

Electromagnetic Interference (EMI) EM energy rapidly becomes more intense the closer you are 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 device control system while using these. This can affect your device's movement and braking. Therefore the warnings listed below are recommended to prevent possible interference with the control system of your device.

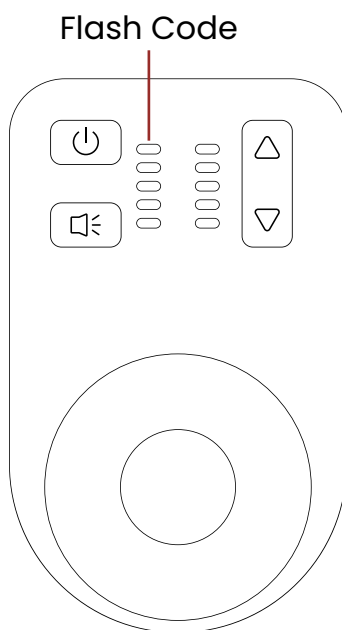
1. Do not operate hand-held transceivers-receivers, such as citizens band (CB) radios, or turn ON personal communication devices, such as mobile phones, while your device is turned on.
2. Be aware of nearby transmitters, such as radio or TV stations, and try to avoid getting close to them.
3. If unintended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

## Troubleshooting

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In the event of an error with your powerchair, initially turn off the power and back on again. If the fault persists and the error repeats, please refer to the flash codes displayed on your control panel to diagnose the issue. The code will describe your fault.

On the next page, the table will demonstrate all the issues the device can report and guide you to a possible resolution.



<b>Fault Symptoms</b>	<b>Failure Cause</b>	<b>Recommended Solutions</b>
No response when powering on	Battery Fault	<ul style="list-style-type: none"> <li>• Contact an Approved Partner</li> </ul>
	Power Button Damaged	<ul style="list-style-type: none"> <li>• Contact an Approved Partner for a replacement part</li> </ul>
	Controller Circuit Fault	<ul style="list-style-type: none"> <li>• Contact an Approved Partner</li> </ul>
After powering on, a red LED light illuminates and alarm sounds	Low Battery Level	<ul style="list-style-type: none"> <li>• Charge the battery</li> </ul>
After powering on, 2 short alarm sounds	Left Motor Fault	<ul style="list-style-type: none"> <li>• Check if the left motor or power cables are loose</li> <li>• Contact an Approved Partner</li> </ul>
After powering on, 3 short alarm sounds	Left Brake Fault	<ul style="list-style-type: none"> <li>• Check if the left brake or power cables are loose</li> <li>• Contact an Approved Partner</li> </ul>
After powering on, 4 short alarm sounds	Right Motor Fault	<ul style="list-style-type: none"> <li>• Check if the right motor or power cables are loose</li> <li>• Contact an Approved Partner</li> </ul>
After powering on, 5 short alarm sounds	Right Brake Fault	<ul style="list-style-type: none"> <li>• Check if the right brake or power cables are loose</li> <li>• Contact an Approved Partner</li> </ul>
After powering on, 7 short alarm sounds	Joystick Fault	<ul style="list-style-type: none"> <li>• When powering on, do not move the joystick until fully powered on</li> <li>• Contact an Approved Partner</li> </ul>
After powering on, 8 short alarm sounds	Internal Fault	<ul style="list-style-type: none"> <li>• Contact an Approved Partner</li> </ul>
After powering on, 9 short alarm sounds	Left Hall Line Fault	<ul style="list-style-type: none"> <li>• Check if the left motor or power cables are loose</li> <li>• Contact an Approved Partner</li> </ul>
After powering on, 10 short alarm sounds	Right Hall Line Fault	<ul style="list-style-type: none"> <li>• Check if the right motor or power cables are loose</li> <li>• Contact an Approved Partner</li> </ul>

If the above troubleshooting does not help to resolve the issue, please contact an Approved Partner. Please have your serial number ready to provide to the Approved Partner.

## Warranty

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All Motion Healthcare products are sold to our partners with a warranty, they in turn will sell the product to you with a warranty, these are two separate agreements.

To find out specific details of the warranty you receive or to make any claim please contact the company you purchased from.



### **Motion Healthcare Ltd**

Units 6 & 7 Concord Farm  
School Road  
Rayne, CM77 6SP



### **Ningbo Baichen Medical Devices Co., Ltd**

Room 2101, Diqu Building  
666 Taikang Middle Road  
Ningbo, Zhejiang, China



### **SUNGO Europe B.V.**

Fascinatio Boulevard 522, Unit 1.7  
2909VA Capelle aan den IJssel  
Netherlands



### **SUNGO Certification Company Ltd**

3rd Floor, 70 Gracechurch Street  
London  
EC3V 0HR

## Specifications

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Length	93.3 cm
Width	58 cm
Height	89.5 cm
Folded Length	30 cm
Folded Width	58 cm
Folded Height	66 cm
Front Wheel Size	17.78 cm (7")
Rear Wheel Size	20.32 cm (8")
Total Weight	16.2 kg
Carry Weight	11.7 kg
Battery Weight (each)	1.785 kg
Battery Capacity	2x 25.2v 10.2ah Lithium
Battery Watt Hours	257.04 Wh
Range (Up to)	20 miles
Speed	4 mph
Maximum User Weight	18.9 stone
Seat Width	40.5 cm
Seat Depth	41 cm
Backrest Height	40.4 cm
Motor Size	2x 180w
Maximum Slope	12°
Ground Clearance	4 cm
Turning Circle	81.2 cm

## Notes

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## Notes

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## Notes

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**Motion**

[www.motionhealthcare.co.uk](http://www.motionhealthcare.co.uk)

0844 257 8150