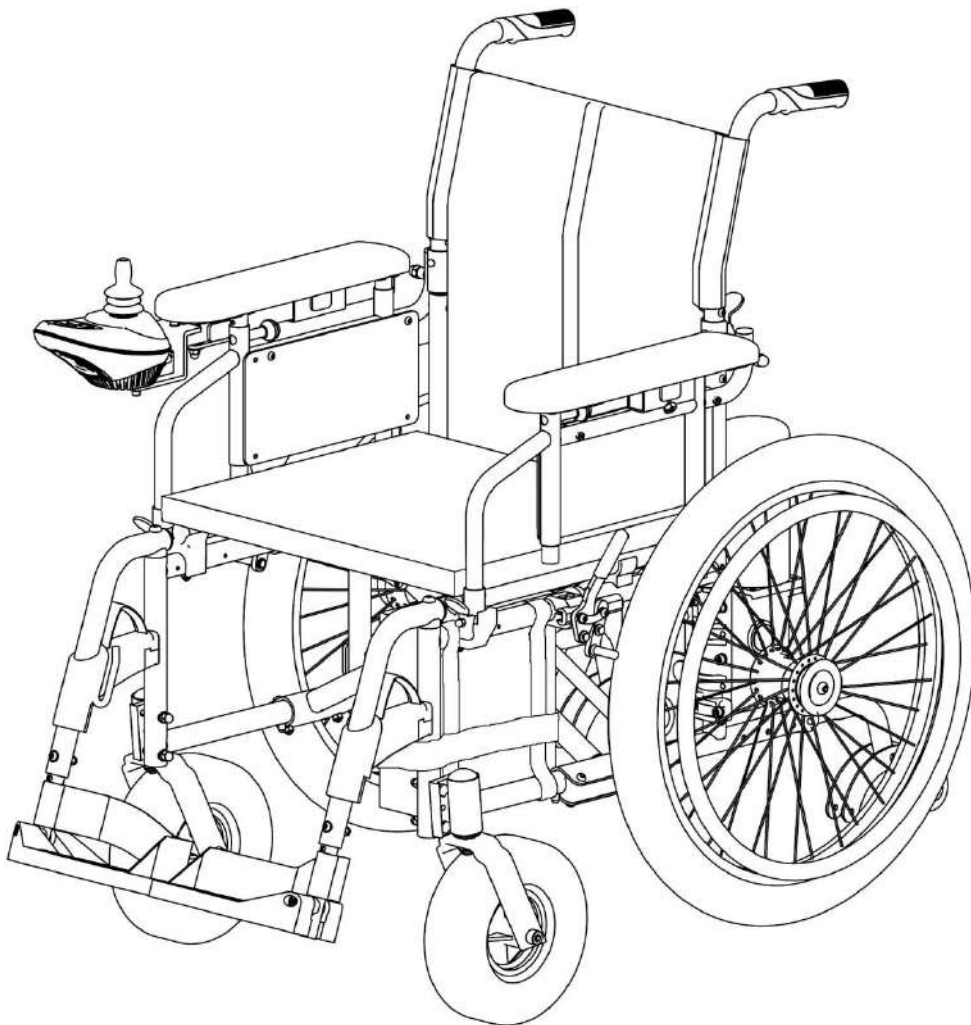




Live A Fuller Life

## USER'S MANUAL

### Powered Wheelchair - Rocket



This manual **MUST** be given to the user of the product.  
**BEFORE** using this product, read this manual and save for future reference.

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# 1. Preface

Please read this user's manual before using the power wheelchair. Failure to follow the instructions listed in this user's manual result in harm, injury or traffic accidents; also void the power wheelchair warranty.

This user's manual includes operation instructions for every aspect of the power wheelchair, assembly instructions, operating instructions, maintenance information and warranty. Please keep it in a proper place or on the power wheelchair.

If someone else uses the wheelchair, please be sure to give the instruction manual to him or her.

The symbols used in this manual are explained below. Read carefully, especially the parts marked with these symbols.

	Warning is indicated: improper usage could lead to death or serious injury.
	Caution is indicated: improper usage could lead to injury and/or damage to your power wheelchair
	Prohibited indicates that it should not be done.

As designs change, some illustrations and pictures in the manual may not correspond to the wheelchair that you purchased. We reserve the right to make design modifications.

We disclaim all responsibilities for any personal injury or property damage which may occur as a result of improper or unsafe use of its products

## 2. Safety Notice

### 2.1 General

2.1.1 Always ensure that the power is switched off when getting in or out of the power wheelchair. This will eliminate the possibility of accidentally activating the joystick and causing injury to yourself or others.

2.1.2 Always check the drive wheels are engaged (drive mode) before driving.

2.1.3 Always use a seat belt, and keep feet on the footplate at all the time.

2.1.4 Set the speed control knob according to your driving ability and the environment in which you are going to operate. We recommend that you keep your speed at the slowest position (fully press the deceleration button) until you are

familiar with the driving characteristics of the vehicle. We also recommend that you use the slowest speed when using your power wheelchair indoors.

2.1.5 Always reduce your speed when making sharp turns.

2.1.6 For safety reasons, make sure that your weight does not exceed the recommended weight limit of the power wheelchair.

2.1.7 Do not attempt to lift or move a power wheelchair by any of its removable parts. Personal injury and damage to the power chair may result.

2.1.8 Do not stand on the footplate directly.

2.1.9 Never try to use your power wheelchair beyond its limitation as described in this manual.

2.1.10 Do not operate your vehicle if it is not functioning properly.

2.1.11 Do not switch off the power when the wheelchair is still moving forward. This will bring the chair to an extremely abrupt stop.

2.1.12 Avoid jerky stop/start motions as they will result in excessive current draw from the batteries, increased tire wear and the rapid wearing of the motors.

2.1.13 To brake in an emergency, simply release the joystick.

2.1.14 Always use an elevator to move your power wheelchair.



Warning! Do not use an escalator or stairs to move your power wheelchair.  
It may cause serious personal injury or property damage.

## 2.2 Modifications

Well Home has designed, engineered and produced your power wheel chair to provide the maximum mobility and utility. Under no circumstances should you modify, add, remove or disable any feature, part, or function of your power wheelchair.



Prohibited! Do not modify your power wheelchair in any way.

## 2.3 Weight Limitations

2.3.1 The weight limit of power wheelchair is **115 kg**. For safety reason, make sure that your weight does not exceed the recommended weight limit of the power wheelchair.

2.3.2 Do not carry passengers on your power wheelchair. Carrying passengers on your power wheel chair may affect the center of gravity, resulting in a tip or a fall.



Warning! Do not carry passengers on your power wheelchair. Carrying passengers on your power wheel chair may affect the center of gravity, resulting in a tip or a fall.

## **2.4 Physical Condition**

2.4.1 Check with your physician if you are taking any medication that may affect your ability to operate your power wheelchair safely.

2.4.2 Do not operate your vehicle while you are under the influence of alcohol, as this may impair your ability to operate your power chair in a safe manner.



Warning! Do not operate your power wheelchair while you are taking prescribed, over-the counter medication, physical limitation, or under the influence of alcohol.

## **2.5 Environmental Conditions:**

### 2.5.1 Driving Surfaces:

Do not use the power wheelchair on the lawn, sand, beach, and other uneven surfaces.

Do not operate the power wheelchair in any type or depth of water, such as edges of streams, lakes or oceans.

### 2.5.2 Weather:

Avoid exposure to rain, snow, ice, salt, or standing water. Water will cause electronic malfunction or promote premature corrosion of electrical and frame components.

Maintain and store in a clean and dry condition.

### 2.5.3 Temperature:

At extreme low temperatures, the battery may freeze and the power wheelchair may not be able to operate.

At extreme high temperatures, it may operate at slower speeds due to a safety feature of the controller that prevents damage to the motors and other electrical components.

## **2.6 Ramps And Curbs**

2.6.1 When on any sort of an incline or decline, always set the power wheelchair in Drive mode while seated on it or standing next to it.

2.6.2 When driving up or down ramps, be sure to check that the angle of the slope is less than 10 degrees (slopes about 1/6). Also check that ramp surface is roughened to prevent slipping. Never drive across the slope or turn sharply on a slope.

2.6.3 When driving down a ramp, keep the power wheelchair's speed adjustment set to the slowest speed setting to ensure a safely controlled descent.

2.6.4 Always sit straight for an incline or decline.

Climbing: lean the upper body forward while you drive up the ramp.

Downward: lean the upper body backward while you drive down the ramp.

2.6.5 When driving up curbs, always check the height of the curb to ensure that it does not exceed 1-1/2" (40mm) height.

2.6.6 Anti-tipper must be attached at all times and fully engaged. Ensure both anti-tippers are adjusted to the same height and ensure the lock buttons on the anti-tipper fully protrudes out of the mounting holes in the bracket.



Prohibited! Never travel down an incline backwards. This may result in personal injury.

## **2.7 Transferring**

2.7.1 Must turn the power wheelchair power off.

2.7.2 Engage both hand brake and push the lever down as drive mode.

2.7.3 Flip up the foot platform or remove the leg rest aside.

2.7.4 Press down the release pad to release the armrest. Make sure both armrests are flipped up.

2.7.5 Reduce the distance between your power wheelchair and object you are transferring onto.

2.7.6 Always have an attendant or health care professional present while learning to properly transfer you.



Warning! Improper transfer may cause serious injury or damage.

## **2.8 Pre-Ride Safety Check**

2.8.1 Please perform a safety check, list as below inspections, before each use to make sure your power wheelchair operates smoothly and safely.

2.8.2 Check all electrical connections. Make sure they are tight and connected.

2.8.3 Check battery charge. See Batteries and charging.

## **2.9 Electromagnetic And Radio Frequency Interference (EMI)**

Electromagnetic and Radio Frequency Interference can come from sources such as cellular phones, mobile two-way radios (such as walkie-talkies), radio stations, TV stations, amateur radio (HAM) transmitters, wireless computer links, microwave signals, paging transmitters, and medium-range mobile transceivers used by emergency vehicles. In some cases, these waves can cause unintended movement or damage to the control system. Every electrically-powered mobility vehicle has an immunity (or resistance) to EMI. The higher the immunity level, the greater the protection against EMI. This product has been tested and has passed at an immunity level of 20 V/m.



Warning: The electrically powered mobility vehicle itself can disturb the performance of other electrical devices located nearby such as the alarm systems



Warning: Be aware that cell phones, two-way radios, laptops and other types of radio transmitters may cause unintended movement of your power wheelchair due to EMI.

## **3. Power wheelchair Parts and Serial Labels**

Your power wheelchair is shipped partially disassembled to protect during shipping.

### **3.1 Label locations**

The label contains the serial number, please fill in the Warranty Registration Form on last page.

3.1.1 Product Serial number label is located on the cross bar on the left side of the power wheelchair. Please see Fig. 1.

3.1.2 Controller Serial number label is located on the bottom of controller. Please see Fig. 2.

3.1.3 Left motor Serial number label is located on the left motor. Please see Fig. 3.

3.1.4 Right motor Serial number label is located on the left motor. Please see Fig. 4.

3.1.5 Battery Serial number label is located on the battery. Please see Fig. 5.

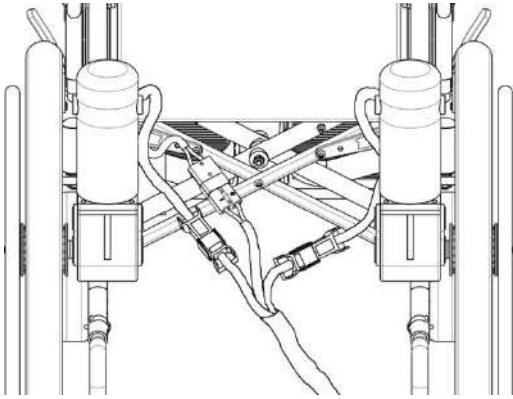


Fig. 1: Product Serial Number label  
Left and Right Motor Serial Number.

Model No:	<input type="checkbox"/> WH-E100	<input type="checkbox"/> WH-E200
Serial No:	_____	
Max User Weight:	<input type="checkbox"/> 100kg	<input type="checkbox"/> 115kg

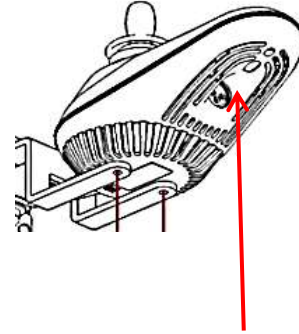


Fig. 2: Controller Serial Number Label

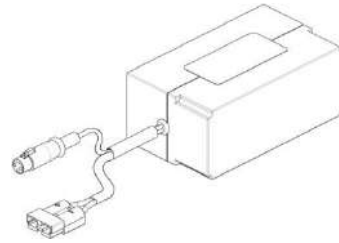


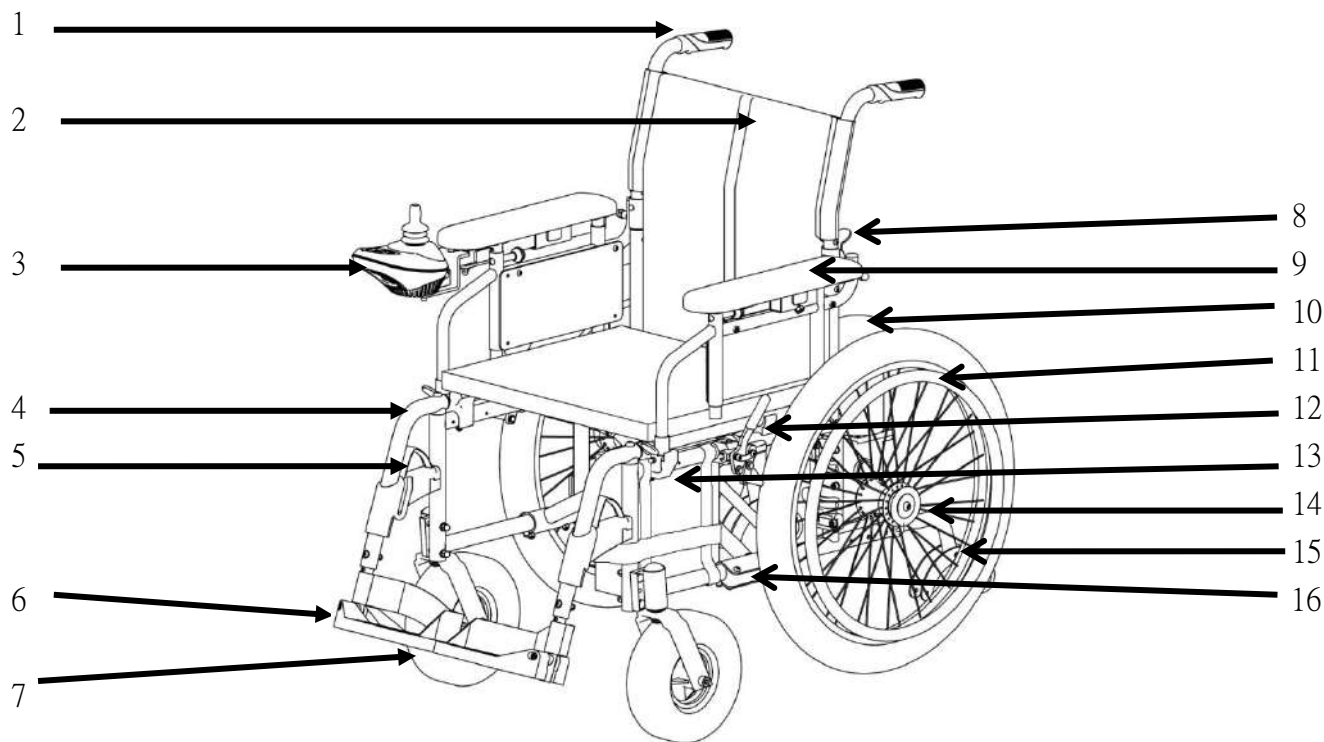
Fig. 3: Battery Serial Number

Item NO.	<input type="checkbox"/> WH-E100	<input type="checkbox"/> WH-E200	Battery Type:	<input type="checkbox"/> Li-ion
Rating:	<input type="checkbox"/> 24V/29AH	<input type="checkbox"/> 24V/23AH	<input type="checkbox"/> 25.2V/548.8WH	
Serial NO:	_____			

### 3.2 Parts

Item	Specification
Maximum User Weight	115kgs
Numbers of wheels	4pcs
Front Wheel Size	9"
Driving Wheel Size	22"
Length	102cm
Width	63cm
Brakes	Hand brake and Electromagnetic brake
Motor Output	24V 200W/3900RPM x 2
Battery	25.2V / 548.8WH (Panasonic) Li ion Battery
Charger	5A
Anti-tipper wheels	V
Controller	PG Drives - UK





- |                        |                          |                 |                 |
|------------------------|--------------------------|-----------------|-----------------|
| 1. Handle              | 2. Seat upholstery       | 3. Controller   | 4. Footrest     |
| 5. Footrest Shaft lock | 6. Footplate             | 7. Front wheel  | 8. Foldable set |
| 9. Armrest pad         | 10. Motors               | 11. Hand-rims   | 12. Hand Brake  |
| 13. Battery            | 14. Rear wheel mechanism | 15. Anti-tipper | 16. Cross Bar   |

## 4. Assembly

Your power wheelchair is shipped partially disassembled to protect during shipping. Please follow the below steps to assemble your power wheelchair.

### 4.1 Foldable Set

The foldable set is beneficial to reduce the overall height of the power wheelchair.

4.1.1 Install the power wheelchair: Pull the handle forward till it locks into the position. You will hear a click sound when the handle is securely locked.

Please apply to both sides of foldable set.

4.1.2 Store the power wheelchair:

Grasp the handle with one hand and press the back support with the other hand. Push the foldable set backward and pull the handle forward. Please see Fig. 4.

Please apply to both sides of foldable set.

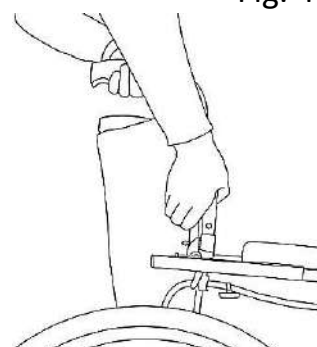


Fig. 4

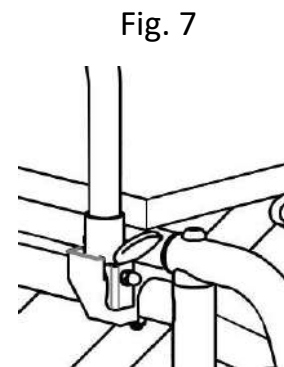
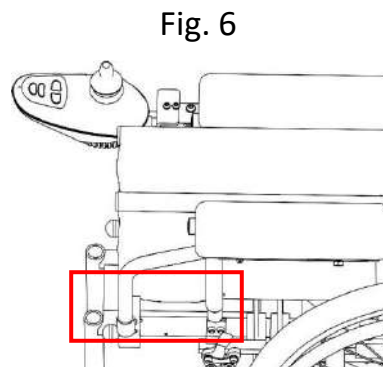
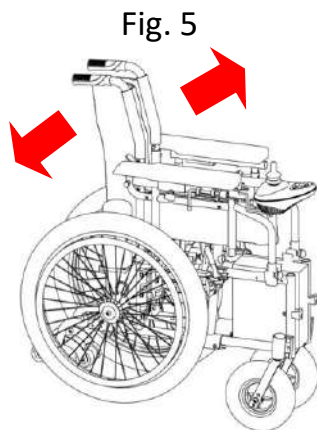
## **4.2 Installing The Power Wheelchair**

4.2.1 Before use, unfasten the power wheelchair. Please hold the handle and lightly expand the back support to the left and right. Please see Fig. 5.

4.2.2 Push down on one side of the seat frame, so your weight is applied from above with both hands. Please see Fig. 6.

4.2.3 Make sure the seat frame securely fits into the seat. Please see Fig. 7.

4.2.4 Place the upholstery on the power wheelchair and the cushion on the seat. The Velcro side is facing back/down.



Warning: the power wheelchair has to be open completed and it could cause the serious injury.

## **4.3 Storing The Power Wheelchair**

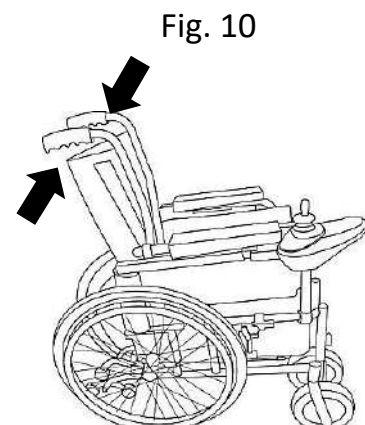
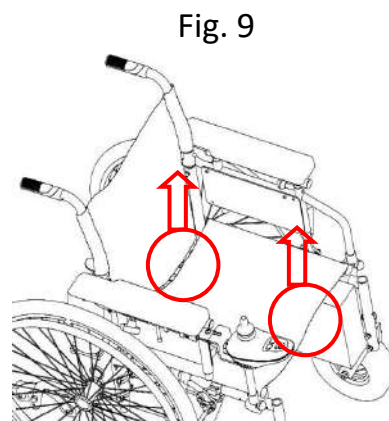
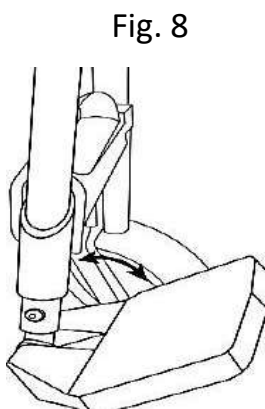
4.3.1 Remove the upholstery and cushion.

4.3.2 Fold and store the footplate. Please see Fig. 8.

If necessary, remove the foot support. Please see Fig. 21 .

4.3.3 Lift the front and rear center of the seat. Please see Fig. 9.

4.3.4 Hold the handle and compress it from the left and right . Please see Fig. 10.





Warning: please be aware that the pinch may occur when assemble and store the power wheelchair.

## **4.4 Installing Controller and Connecting Cables**

4.4.1 Assemble the controller connect rod on the right armrest bracket.

Please fix the knob to fasten the controller. Please see Fig. 11 and Fig. 12.

Fig. 11

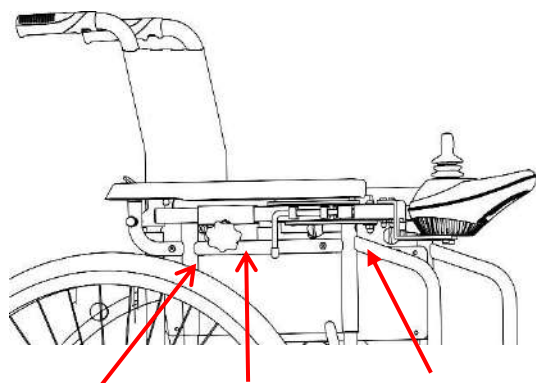
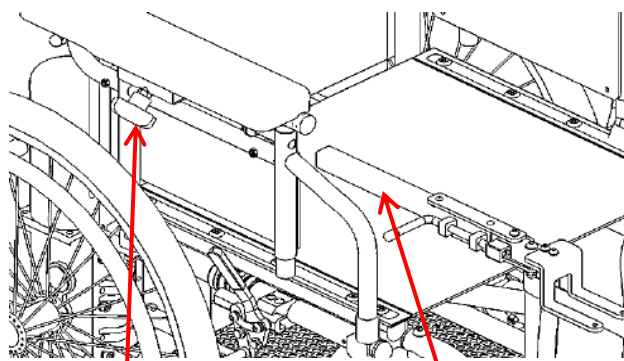


Fig. 12



Fixed knob    Bracket    connect rod

Fixed knob    Controller connect rod

4.4.2 Switch the controller rod to Left armrest

Remove the screws that connect the controller connect rod and the controller.

Please see Fig. 13. Loosen the fixed knob and controller connecting rod. Please see Fig. 14.

Fig. 13

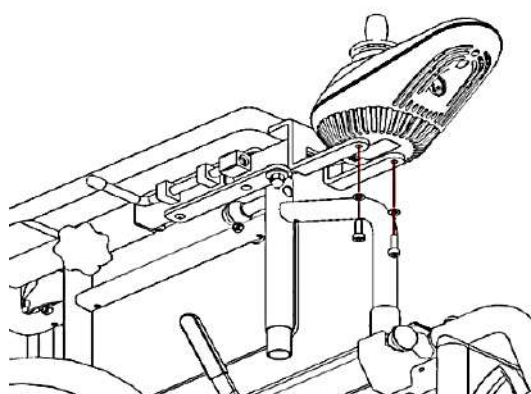
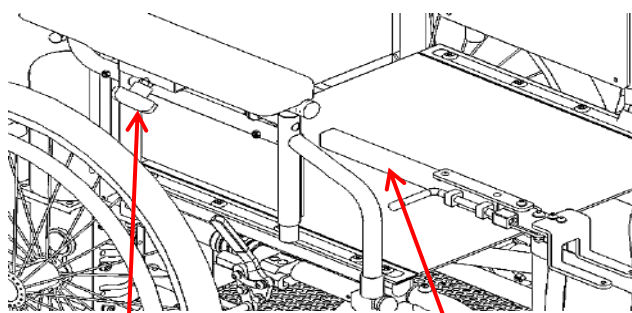


Fig. 14



Fixed knob

Remove the fixed knob  
and connect rod.

Remove the three screws on top of connecting rod. Turn the connecting rod over, and the pin will be on the other side. Tighten three screws again. Please see Fig. 15 and Fig. 16.

Fig. 15

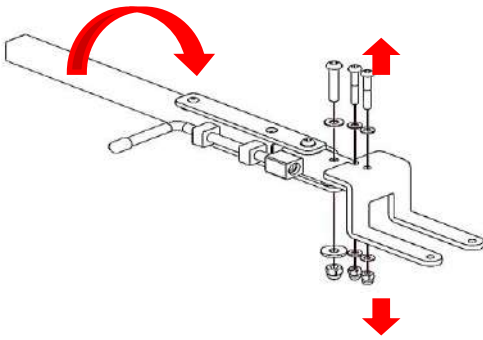
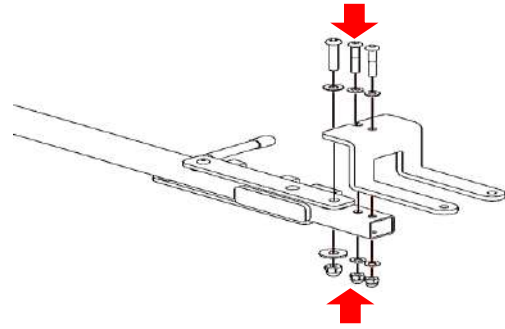


Fig. 16



Reattach the controller connecting rod to the left armrest. Please see Fig. 17.

Replace the controller and tighten the screws on the connecting rod.. Please see Fig. 18.

Fig. 17

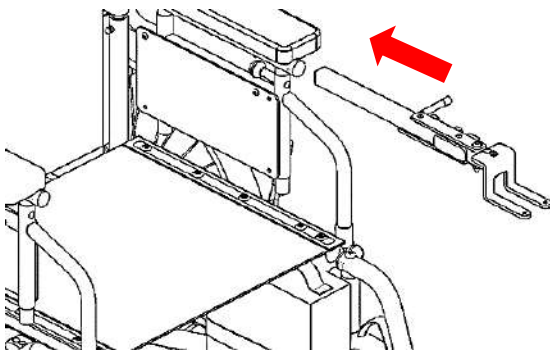
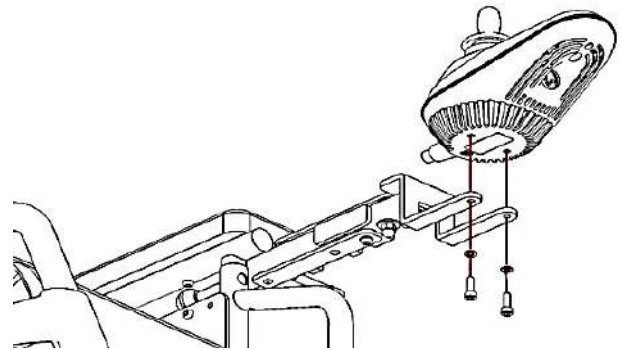


Fig. 18



### 4.5 Conneting The Cable

There is one plug in the other end of the controller. Please connect the plug with the motor plug and make sure they are tightly connected. Please see Fig. 19 and Fig. 20.

Fig. 19

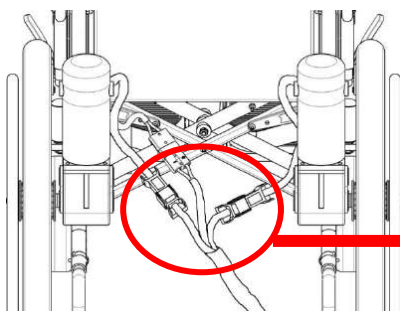
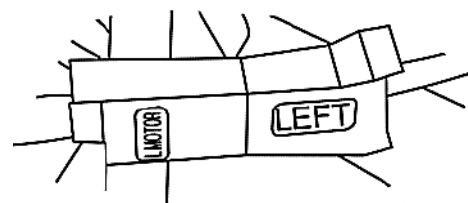


Fig. 20

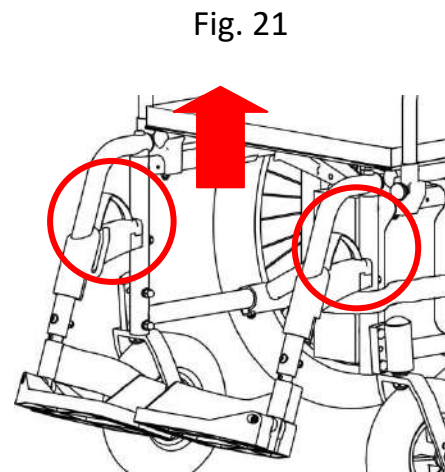


Seal "LEFT" cable connects to the LEFT Motor cable

Seal "RIGHT" cable connects to the RIGHT Motor cable.

## 4.6 Installing and Removing Footrest

The footrest is swinging away and detachable. When the footrest lock lever is raised, the footrest can be removed or turn around 90 degrees to correct direction. Please see Fig. 21.



## 5. Operation

### 5.1 Generals

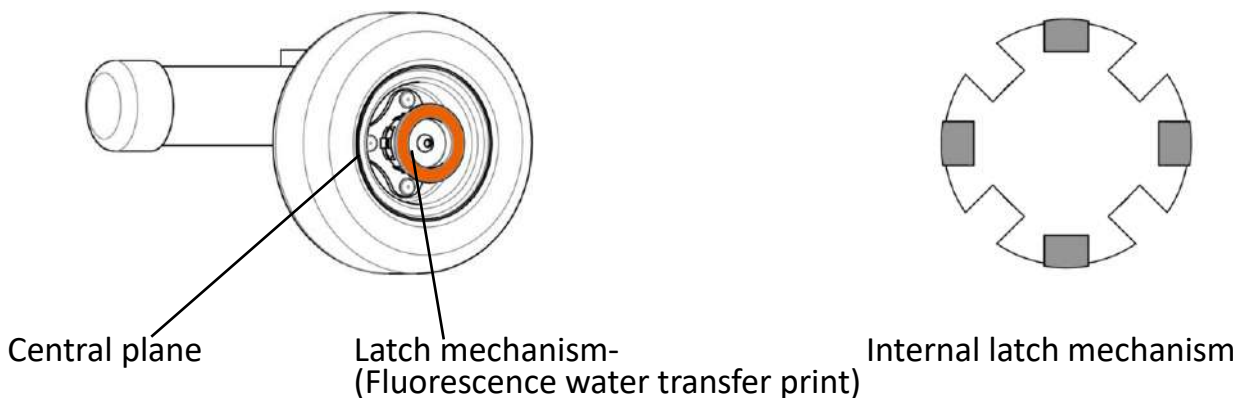
- 5.1.1 Always turn off the power wheelchair.
- 5.1.2 Always be aware of the environment that surrounds you to select the desired speed.
- 5.1.3 For indoor environment, we recommend that you select the slowest speed setting.
- 5.1.4 For outdoor environment, we recommend that you start at the slowest speed and adjust to the speed that is comfortable for you to control it safely.



Warning! Never try to use your power wheelchair beyond its limitation as described in this manual.

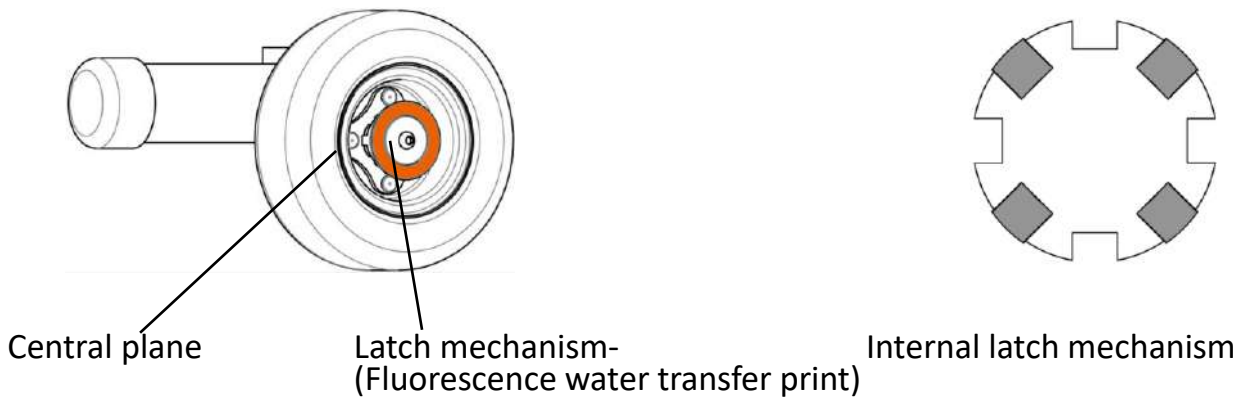
### 5.2 Manual Mode and Power Mode

**5.2.1 Manual mode:** the latch mechanism has a gap from the central plane.

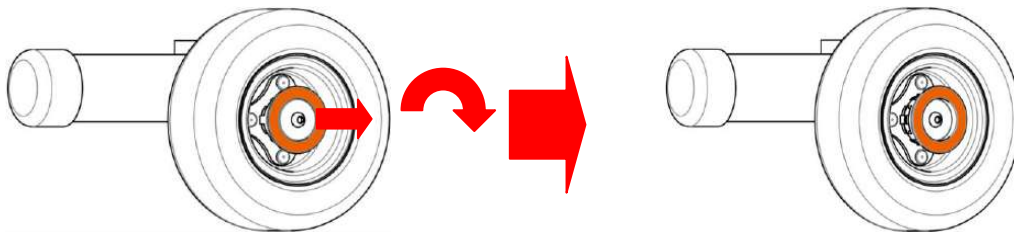


Warning! Do not operate your power wheelchair in manual mode on a slope.

**5.2.2 Power Mode:** the latch mechanism is flush with the central plane.



### 5.2.3 Switch from Power Mode to Manual Mode



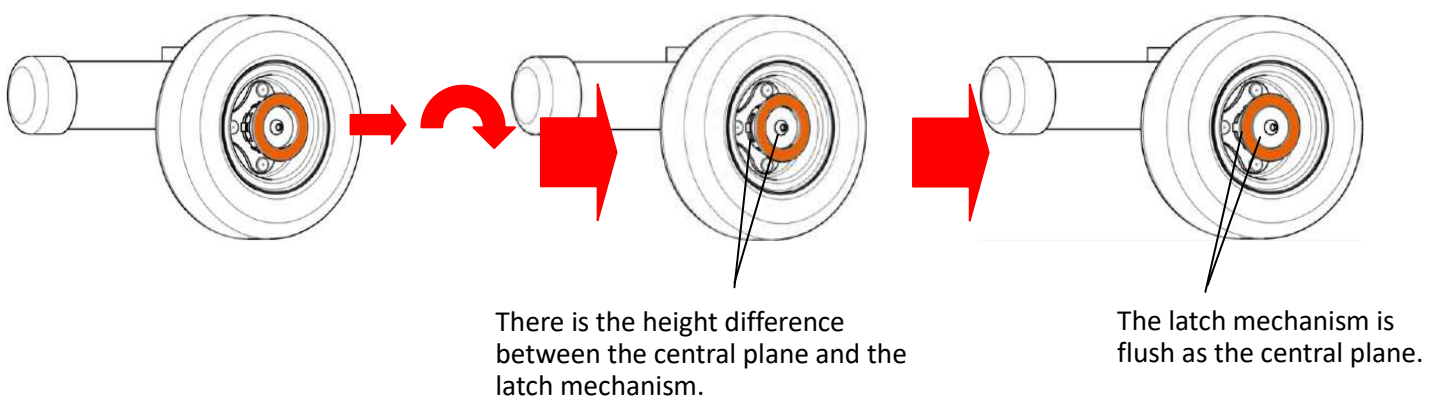
5.2.3.1 Pull out the latch mechanism and slightly turn it.

5.2.3.2 Then, release the latch mechanism and turn it till hear "click" sound.

5.2.3.3 You will see the height difference between the latch mechanism and the central plane.

5.2.3.4 The power wheelchair is in manual mode.

### 5.2.4 Switch from Manual Mode to Power Mode



5.2.4.1 Pull out the latch mechanism and slightly turn it.

5.2.4.2 Then, release the latch mechanism and turn it till hear "click" sound.



5.2.4.3 Make sure the latch mechanism is flush as the central plane.

5.2.4.4 If it is flush, the power wheelchair is in power mode.

5.2.4.5 If there is the height difference, please push the power wheel chair and make the wheels turn till you hear "click" sound.

5.2.4.6 Recheck the latch mechanism is flush as the central plane. If so, it is in power mode.

### **5.3 Armrest**

5.3.1 Flip-up: when the released pad is pressed down, the armrest can be detached and flip-up

Please See Fig. 22, and Fig. 23.

Fig. 22

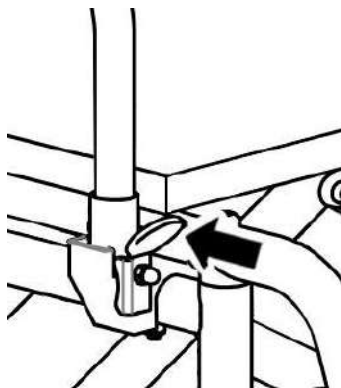
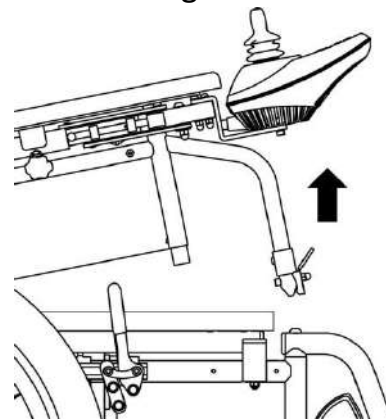


Fig. 23



5.3.2 Armrest Height adjustment

Depending on the power wheelchair you are using, you can adjust the height of the armrest in 5 different heights.

Pull the knob in the directness of the arrow and unlock it. It will release the armrest for height adjustment. Please see Fig. 24. Return the knob, make sure it is locked.

It applies in both right and left side armrests.

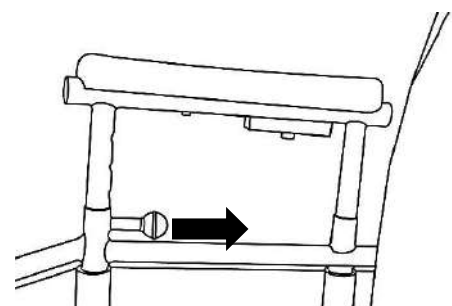


Fig. 24

### **5.4 Controller Retract Horizontally**

The controller is mounted with a mechanism which allows the controller to be locked in

a forward or retracted position.

When the controller pin is pulled out, the controller connects rod can be retracted horizontally. Please see Fig. 25, Fig. 26, and Fig. 27.

To return to forward position, pull to release the magnetic catch and swing to forward position.

Fig. 25

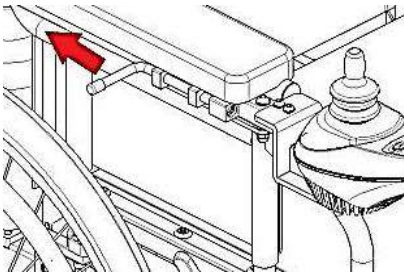


Fig. 26

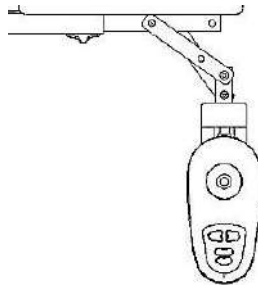
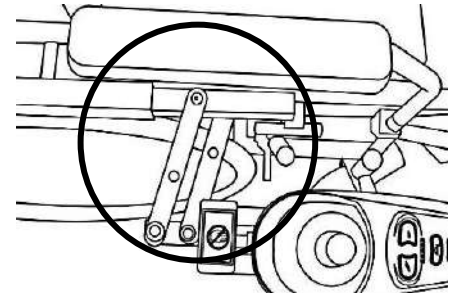


Fig. 27



## **5.5 Footrest Adjustment**

### 5.5.1 Footplate Flip up

For moving in and out power wheelchair, please flip up the footplate.

Please see Fig. 28.

### 5.5.2 Footplate Height Adjustment

The height of the footrest can be adjusted according to the user's need.

Please remove the bolt (shown in Fig. 29) and move the footplate to desired height. Re-install bolt through the desired hole and tighten the bolt.

Fig. 28

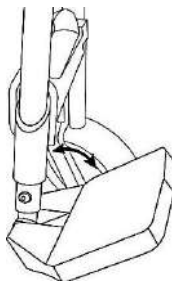
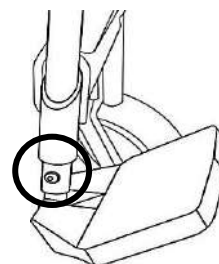


Fig. 29

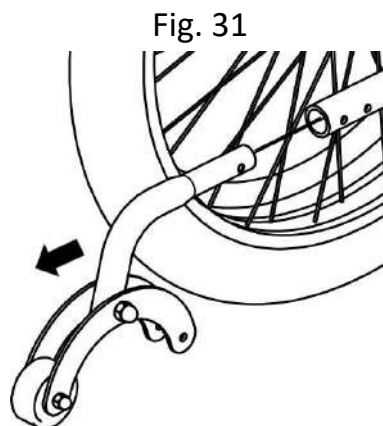
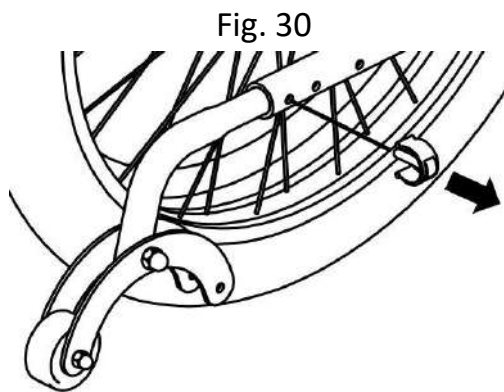


## **5.6 Anti-Tipper Adjustment**

### 5.6.1 Disengaging the anti-tipper

Removing the C type lock that locks the anti-tipper to the frame. Pull the anti-tipper out. Please see Fig. 30 and Fig. 31.

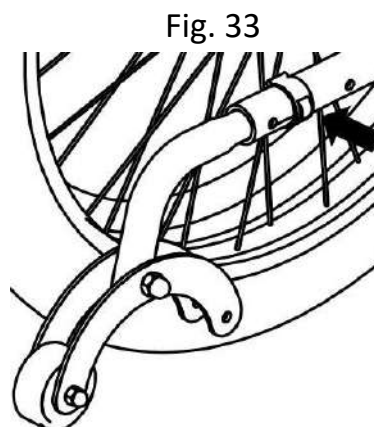
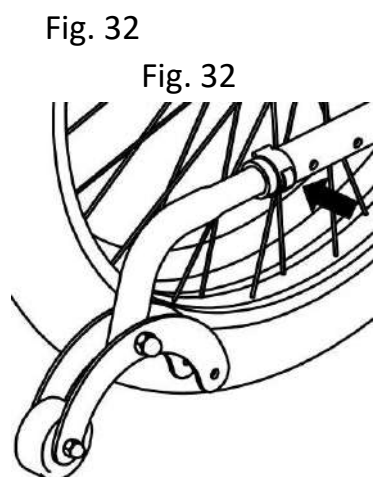




### 5.6.2 Anti-tipper adjustment

The C type lock must be removed first. Adjust the mounting hole position on both sides of power wheelchair frame. Install the C type lock and make sure it is locked.

Please see Fig. 32 and Fig. 33.



Warning! Operating the power wheelchair without anti-tippers could result in death, serious injury or damage.



Warning! Even the anti-tipper is in the correct position, there is a possibility of falling if the road surface is a cavity.

## **5.7 Battery Replacement**

### 5.7.1 Battery installation

Please follow the battery bag with battery direction as Fig. 33 shown.

Place the battery bag with battery on the front and left of power wheelchair main frame.

There are two vertical Velcro passes over the power wheelchair main frame and battery bag. Please paste with Velcro firmly. Please see Fig. 35.

Take the horizontal direction Velcro strap and cross over the power wheelchair main frame. Please paste with Velcro firmly. Please see Fig. 36.

Fig. 34

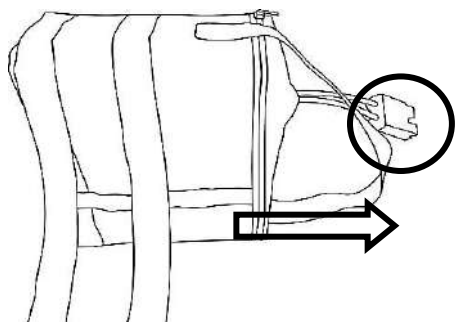


Fig. 35

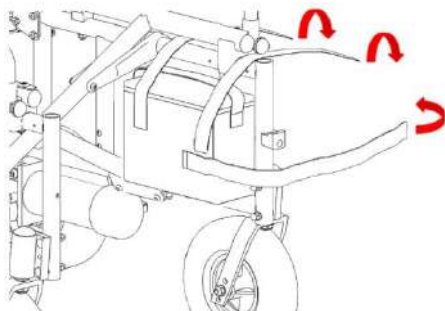
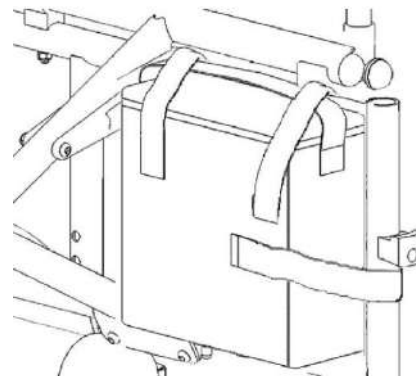


Fig. 36



### 5.7.2 Remove the battery

Please reverse the battery installation processes.



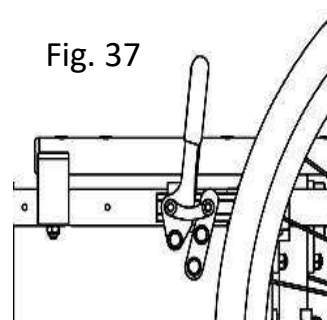
Warning! Do not connect the battery cable and controller cable with wet hands.

## 5.8 Hand Brake

Always use hand brake while in manual mode.

The hand brake is pushed to lock, pull to release.

Fig. 37



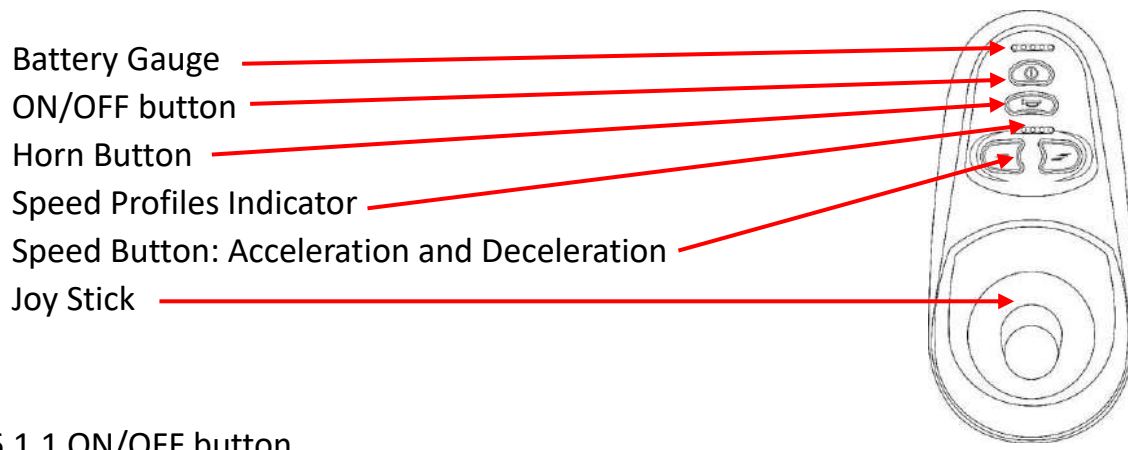
## 6. Controller

For indoor environment, we recommend that you select the slowest speed setting.


For outdoor environment, we recommend that you start at the slowest speed and adjust to the speed that is comfortable for you to control it safely.

### 6.1 Controller Panel

The Controller Panel is a multifunction visual display. It can provide the information:



### 6.1.1 ON/OFF button

Press the ON/OFF button  located in front of the joystick to activate your power wheelchair.

The controller's LED light is on, the power wheelchair power is on.  
 If the controller's LED light is off, the power wheelchair power is off.

### 6.1.2 Horn button

Activates a warning horn.

### 6.1.3 Battery Gauge

The battery Gauge is composed of 5 segments (1 of Red, 2 of Yellow, and 2 of Green). The segments indicate the approximate amount of battery capacity left. It enables you to monitor the battery capacity status.

Battery Capacity (%)	Lights Display	
60~100%	●●●●● 5 Lights	Red/Yellow/Yellow/Green/Green
40~60%	●●●●○ 4 Lights	Red/Yellow/Yellow/Green
20~40%	●●●○○ 3 Lights	Red/Yellow/Yellow
10~20%	●●○○○ 2 Lights	Red/Yellow
Below 10%	●○○○○ 1 Light	Red

- Red/Yellow/Green lights lit: Batteries charged.
- Red/Yellow lights lit: charge batteries if possible.
- Red light only lit or slow flash: charge batteries as soon as possible.

When the battery is approaching a discharged state, the first red light will begin to slowly flash, reminding you the batteries need to be charged immediately.

### 6.1.4 Speed Profiles Indicator (Acceleration/Deceleration Buttons)

The speed profiles indicator has 5 segments which indicate the maximum speed setting selected.

Pressing the speed, acceleration button will set the speed at the faster setting.

Pressing the speed deceleration button will slow down the speed.

The controller sets the reverse speed, acceleration and deceleration proportionally and automatically for your safety.

### 6.1.5 Joystick

The joystick controls the direction, speed of your power wheelchair. Push the joystick in the direction you want to go.

Pointing the joystick away from the center position will move the power wheelchair in the direction where the joystick is pointing.

The forward of the joystick point from the center position, the faster the vehicle will go.

Returning the joystick to its center position will reduce the speed and stop the vehicle by automatically applying the electromagnetic brakes.

The right or left the joystick is pointing, the power wheelchair will turn the direction sharply.

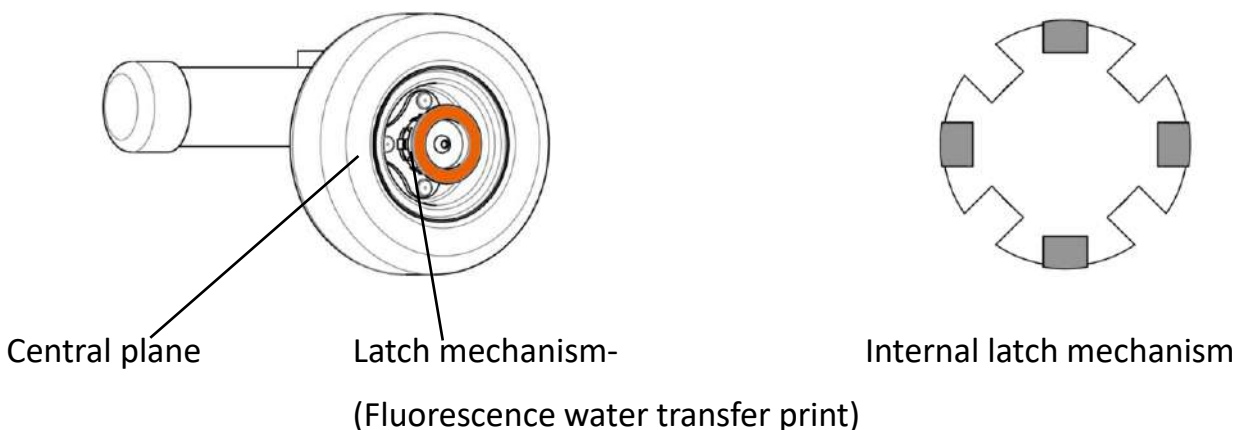
After pressing the ON/OFF buttons, allow two seconds to elapse before engaging the joystick. This is a safety feature to prevent sudden starts.

Gentle operation of the joystick will result in smoother transitions in speed and direction, while sharp operation of the joystick will result in drastic transitions in direction and velocity.

## 6.2 Manual Mode

The motors are designed to engage the electromagnetic brakes when the power wheelchair is not in use or when the power is OFF. It has a feature to allow the power wheelchair in manual mode.

Manual mode: the latch mechanism has a gap from the central plane.





Warning! Do not operate your power wheelchair in manual mode on a slope.

### **6.3 Electromagnetic Brakes**

Your power wheelchair comes with an Electromagnetic Brakes., i.e. an automatic magnetic disc safety brake which is also known as Fail-Safe brake.

The Electromagnetic Brakes are automatic and work when the power wheelchairs is ON but in a steady state (i.e. Joystick is released to the center position), even when the power wheelchair is on a slope. The Electromagnetic Brakes will also be set whenever the power wheelchair is OFF, but the motor release levers are in the engaged (vertical) position.

### **6.4 Thermal Protection**

Your power wheelchair controller is equipped with a safety system called thermal rollback. A built-in circuit monitors the temperature of the controller and motors, the controller reduces the motor voltage and the speed of the power wheelchair. The reduction of the speed allows the electrical components to cool down. Although your power wheelchair will resume its normal speed when the temperature returns to a safe level, we recommend that you turn the power off and wait for 30 seconds before restarting to allow the components to cool down if you find that you have lost speed suddenly.

## **7. Battery and Charger**

### **7.1 Battery**

The Li-ion battery cell is from Japan.

Please charge the battery after long distance driving to prolong the battery. If you don't drive the chair for a long period of time, then charge at least every month.

### **7.2 Charger**

The charger is an AC to DC switching-circuit designed Li-ion used charger. Best apply to 24V Li-ion battery. Pre-charge, constant current and constant voltage charging mode designed with this charger.

Fig. 38

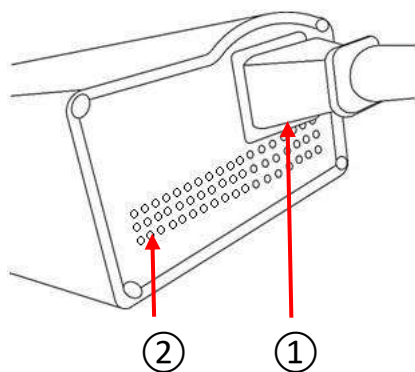
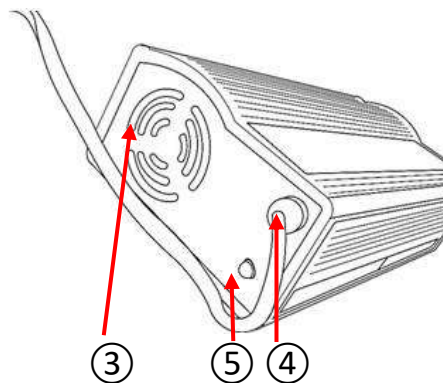


Fig. 39



No	Item	Specification
①	Power cord	
②	Ventilation hole	
③	Cooling Fan	
④	Power Cord	Lit Red: power is on.
⑤	Charging light	POWER /ON :RED ON CHARGING : ORANGE ON FULL CHARGE : GREEN ON ERROR : RED LED FLASH
	INPUT AC VOLTAGE	AC 100~240V 50/60HZ
	OUTPUT DC VOLTAGE	24V
	OUTPUT CURRENT	4A~6A
	OPERATING TEMPERATURE	0°C~40°C
	OPERATING HUMIDITY	20%~85% RH
	STORAGE TEMPERATURE	-20°C~70°C
	USED BELOW THE ALTITUDE	2000M
	DIMENSIONS	L183mm*W 100mm*H 58mm
	WEIGHT	0.81KG

## **7.3 Charging Instruction**

### 7.3.1 General

For maximum performance, it is recommended that recharge the Li-ion battery periodically or every time after you finish using the power wheelchair to prevent battery damage.

If the power failure occurs accidentally, please wait for 30 seconds and turn on the power again for operation.

The charger is intended for indoor use only. Protect from moisture.

If the power wheelchair will not be used for a long period of time, arrange to have the

batteries fully charge for at least once every month.

According to the battery type and condition of the battery, the battery usually can be fully charged in 3 to 6 hours. This will be indicated when the status LED light in the battery charger side panel turn green.

Charging the battery longer than necessary will not harm the battery. We recommended that you charge the battery for 4 to 6 hours after daily use. Do not charge the battery for more than 24 hours.

7.3.2 There are two ways to recharge your power wheelchair:

- Charge the battery while it is attached to the power wheelchair. Please see Fig. 41.
- Charge the battery after removes it from the power wheelchair. Please see Fig. 42.

Fig. 40

Charger's charger

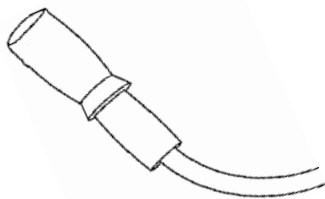


Fig. 41

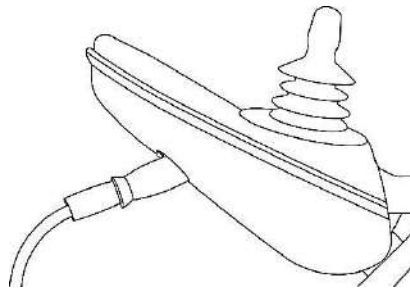
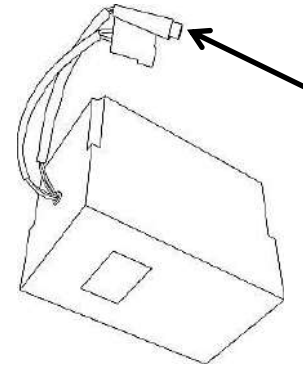


Fig. 42



7.3.3 Charge the battery while it is attached to the power wheelchair

- 7.3.3.1 Turn off the power of the power wheelchair.
  - 7.3.3.2 Place the power wheelchair on a flat place in the room and apply the hand braka.
  - 7.3.3.3 Place the power wheelchair close to a standard electrical wall outlet.
  - 7.3.3.4 Remove anything that may be caught on the charging cable before use.
  - 7.3.3.5 Plug the charger power cord (Round head) into to the controller.
  - 7.3.3.6 Plug the charger power cord into a standard electrical wall outlet. A Red and a Yellow (if the battery charge is low), LED will illuminate.
  - 7.3.3.7 The LED (orange) light will turn on when the battery is in charging.
  - 7.3.3.8 When the battery is fully charged, the LED light turns to Green light.
- 7.3.1.1 Disconnect the charger power cord from the wall outlet when the batteries are fully charged.

If the unplug DC connector during charging before LED shows green light, the LED will flash red light. If meet this situation, please unplug AC cord over 10 seconds till the light off and then plug AC cord in again.

7.3.4 Charge the battery after removes it from the power wheelchair.

Please remove the battery from the power wheelchair, and apply the step above.

7.3.5 Charger Trouble Shooting

7.3.5.1 Power LED (red) is not on.

Check whether plug socket (AC) has normal output; if yes, and the indicator does not shine, please return charger to supplier.

7.3.5.2 Charging LED (orange) light in not on.

7.3.5.2.1 Check whether output connector of charger is correctly connected with battery set.

7.3.5.2.2 Check whether battery is full-charged.

7.3.5.2.3 If mentioned above are correct charger is likely to be defective. Please return it to charger supplier for check up.

7.3.5.3 Charging LED (orange) light can not turn to green.

Battery is likely to be defective and can't charge normally. Please return battery set to battery supplier.

7.3.5.4 Charging LED (orange) light turn to green immediately.

Make sure the battery is fully charged. If not, battery is likely to be defective. Please return battery set to battery supplier.

## **8. Care Maintenance**

### **8.1 Periodic Checks**

8.1.1 Daily Check

8.1.1.1 With the controller turned OFF, perform a joystick check. Make sure it is not bent or damaged and that it returns to center when you release it. Visually inspect the rubber boot around the base of the joystick for damage. Do not handle or try to repair it.

8.1.1.2 Visually inspect the controller harnesses. Make sure that they are not frayed, cut or have any exposed wires.

8.1.1.3 Inspect the battery condition meter on the controller to determine if the



batteries need to be charged.

### 8.1.2 Weekly Check

8.1.2.1 Inspect the connections by disconnecting the controller and charger harnesses from the electronics connector housing. Look for signs of corrosion.

8.1.2.2 Ensure that all parts of the controller system are securely fastened to your power wheelchair. Do not over tighten any screws.

8.1.2.3 Check the brakes. This test should be carried out on a level surface with at least three feet of clearance around your power wheelchair.

8.1.2.4 To check the brakes (your power wheelchair may move slightly when performing this test)

8.1.2.4.1 Turn on the controller and turn down the speed and response adjustment knob.

8.1.2.4.2 After one second, check that the battery condition meter remains on condition.

8.1.2.4.3 Slowly push the joystick forward until you hear the parking brakes click then immediately release the joystick. You must be able to hear each parking brake operate within a few seconds of joystick release.

8.1.2.4.4 Repeat this test of the brake in the back, left and right joystick positions

### 8.1.3 Periodic Check

8.1.3.1 Always to keep controllers clean, avoid its contact with water or rain. Do not rinse using water pipes or in direct contact with water.

8.1.3.2 Please avoid tire contact on the flannel, hair, sand and carpet fibers.

8.1.3.3 If the Tread pattern of the tire is not deep enough, please change the tire.

8.1.3.4 The upholstery can be separate cleaned, soaking, make it into the laundry bag, and then you can clean it by washing machine.

8.1.3.5 Also check upholstery whether is subsidence, cut or tear, you can replace it if it's necessary.

## **8.2 Cleaning Instruction**

To avoid detergent residue and cause the use discomfort, it is recommended to wipe with water. If you muse use detergent, then wipe with water after to make sure that no detergent residue.

## 9. Limited Warranty

This product is warranted to be free of defects in materials and workmanship for a period of 12 months

This warranty is subject to the following conditions:

9.1 The purchaser shall complete the registration form below and send it to Lifeline Corporation Pte Ltd within 14 days of purchase of the product, together with a copy of the sales invoice/receipt.

9.2 If any defect or fault is discovered, the supplier and/or Lifeline Corporation Pte Ltd should be notified immediately.

9.3 Lifeline Corporation Pte Ltd will not be responsible for damage caused by misuse, natural wear and tear, defective assembly or installation by the purchaser or their agent, defective treatments, unauthorized alteration of the equipment or use of unsuitable spares.

9.4 The purchases statutory rights under the Consumer Protection Act are not affected.

### WARRANTY REGISTRATION FORM

**OWNERS NAME:**.....

**OWNERS ADDRESS:**.....

.....**POST CODE**.....

**MODEL NUMBER:**.....

**PRODUCT SERIAL NUMBER:**.....

**CONTROLLER SERIAL NUMBE**.....

**BATTERY SERIAL NUMBER**.....

**LEFT MOTOR SERIAL NUMBER:**.....

**RIGHT MOTOR SERIAL NUMBER:**.....

**DATE OF PURCHASE:**.....

**WHERE PURCHASED:**.....