

OWNER'S MANUAL

MONARCH GP650 Powerchair



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INTRODUCTION

Congratulations on the purchase of your new *GP650* power chair. The Mid - Wheel drive *GP650* combines cutting-edge technology with an attractive design that is also highly functional in today's world. We know that you have chosen a power chair that will give you years of dependable operation and also will enhance the quality of your life by providing you with the mobility to experience an active daily lifestyle.

Even though your new *GP650* is both user-friendly and designed for maximum maneuverability in even the tightest spaces, we ask that you please read, understand and follow all of the instructions and suggestions in this manual before you operate your *GP650* for the first time. The safe use of your new power chair is very important to us.

If you feel that you do not understand the instructions and suggestions presented in this owner's manual, or if for any reason you do not feel capable of performing the activities necessary to assemble, disassemble, operate, or maintain your *GP650* please contact your local dealer, or ring 1300 622 633 for further advice.

If you feel that you need further instructions on the operation of your powerchair, consult your authorised dealer or arrange for a health professional to give you further instructions. Do not use your powerchair unless you feel confident in operating it.

The Monarch *GP650* is imported by Scooters Australia Pty Ltd. If you need any assistance, please contact the authorised Monarch dealer from whom you purchased the chair.

Scooters Australia cannot be held responsible for personal injury or property damage resulting from the unsafe or the improper use of any of our broad range of health and personal mobility products. In addition, Scooters Australia cannot be held responsible for personal injury or property damage resulting from attempts to follow instructions, suggestions, and guidelines presented in this Owner's Manual.

Scooters Australia reserves the right to implement changes into our product lines when those changes become desirable or necessary. If changes are implemented into our product line, there may be minor differences between the product you purchased and the illustrations and instructions in this owner's manual.

We at Scooters Australia would appreciate hearing about the dependability of your *GP650* and about the convenience of mobility it has provided for you. We would also appreciate hearing about the service you received from your local Monarch dealer.

For more information about our products and services or to send us your comments, please visit our website at www.scootersaus.com.au

SAFETY

Your Monarch GP650 is a battery-operated personal mobility vehicle. Please exercise caution and consideration when you are operating it. Driving your GP650 carefully and thoughtfully will help ensure your personal safety and the safety of other people.

NOTE: Before learning to operate your GP650, have your Monarch representative determine if it is advisable for you to practice getting on and off your GP650 and operating it in the presence of an attendant.

BEFORE GETTING ON YOUR GP650

- Check to be certain that the power is turned off. See “Operating Your Powerchair” on page 10. This will eliminate the possibility of accidentally activating the joystick and causing injury to yourself or to others.
- Check to be certain that your GP650 is not in freewheel mode. See “Operating Your Powerchair” on page 10.
- Flip up the armrests.
- If your chair is equipped with leg rests, move them to the sides.
- If your chair is equipped with a footrest, flip it to the “up” position.

GETTING ON YOUR GP650

- While being careful not to entangle yourself in the leg rests or the footrest, seat yourself comfortably and securely on the seat.
- Adjust the leg rests or flip down the footrest.
- Flip down or replace the armrests.
- Fasten the seat belt, if your chair is so equipped.

GETTING OFF YOUR GP650

- Make certain that the power is turned off.
- Unfasten the seat belt, if your chair is so equipped.
- Flip up the armrests.
- Flip up the footrest, or move the leg rests to the sides.
- While being careful not to entangle yourself in the leg rests or the footrest, carefully stand and step away from the chair.

TRANSPORTING YOUR GP650

- Do not use the GP650 as a seat while it is being transported in or lifted into a vehicle.

MAXIMUM WEIGHT

Your GP650 has been rated to a maximum payload (passenger and anything else being carried on the GP650) of **136 kgs**. Exceeding the maximum weight rating will void the warranty.

WARNING: Exceeding the maximum weight rating may result in injury to yourself and to others. This will also void your warranty.

SAFETY (Cont)

DRIVING ON AN INCLINE

- Drive with caution when attempting to negotiate any line, even access ramps.
- **Always** climb or descend a gradient by driving straight up or straight down the slope.
- **Do not** traverse or drive across the face of a gradient.
- **Do not** attempt to negotiate an incline that is covered with snow, ice, cut or wet grass, leaves, or any other potentially hazardous material.
- **Do not** back down an incline.
- Try to keep your *GP650* moving when climbing an incline. If you do come to a stop, restart and accelerate slowly and carefully *and lead forward until you reach the top*.
- **Do not** try to descend or climb an incline that is greater than the maximum line stated in the specifications section of this manual.

WARNING: If, while you are driving down a slope, your chair starts to move faster than you feel is safe, gently release the joystick and allow your GP650 to come to a stop. When you feel that you again have control of your power chair, adjust the speed control to a lower setting then push the joystick forward and continue safely down the remainder of the slope.

MEDICATION

Always check with your physician to determine if any of the medications you are taking may affect your judgment and/or your ability to operate your *GP650*

WARNING: Do not connect or allow anyone except an authorized Monarch representative to connect any electrical or mechanical device to your GP650. Unauthorized accessories will void the warranty and may cause injury.

IMPORTANT SAFETY PRECAUTIONS

- **Do not** attempt to use your *GP650* on an escalator. Always use a lift.
- **Do not** carry passengers on your power chair.
- **Do not** operate your *GP650* if it is not functioning properly.
- **Use caution** when driving on soft or uneven surfaces such as grass, gravel, and on decks where there is no railing.
- **Never** drive on the roadway, except when you must cross the street.
- **Always** cross streets at intersections and use the most direct route, making sure that your path is clear and that you are visible to motor traffic.
- **Never** drive your *GP650* up or down a step or curb that is higher than 35 mm.
- **Never** back up or down a step or curb.
- **Never** operate your *GP650* while you are under the influence of alcohol.
- **Do not** operate or store your power chair where it will be exposed to rain, snow, mist, and below freezing temperatures.
- **Do not** operate your power chair on slippery, icy or salted surfaces.
- **Never** sit on your power chair when it is in freewheel mode and on an incline or decline.
- **Never** place your power chair into freewheel mode without a trained assistant present.
- **Do not** sit on your power chair when it is freewheel mode without the presence of a trained assistant.
- **Do not** modify your power chair in any way that is not authorized by Scooters Australia .
- **Do not** disassemble the tyres. If disassembly is required, have your authorized Monarch dealer perform any necessary maintenance or repair.
- **Do not attempt to** inflate the tyres of your *GP650* above or below the recommended pressure (30 lbs /sq inch).

WARNING: NEVER TRANSFER ONTO OR OFF OF THIS POWER WHEELCHAIR USING THE SEAT BACKREST FOR SUPPORT DURING TRANSFER. THE SEAT BACK MAY FOLD DOWN AND MAY CAUSE YOU TO LOSE YOUR BALANCE AND COULD RESULT IN PERSONAL INJURY.

EMI/RFI

The rapid development of electronics, especially in the area of communications, has saturated our environment with electromagnetic (radio) waves that are emitted by television transmitters, cellular phones, citizen's band radios (CBs), amateur radios (ham radios), wireless computer links, microwave transmitters, paging transmitters, etc. These electromagnetic (EM) waves are invisible and increase in strength the closer one gets to the source of transmission. When these energy waves act upon electrical devices and cause them to malfunction or to function in an erratic or uncontrolled manner, they are referred to as *Electromagnetic Interference* (EMI) or *Radio Frequency Interference* (RFI).

EMI/RFI AND YOUR GP650. All electrically powered vehicles, including power chairs are susceptible to EMI/RFI. This interference could result in abnormal, unintended movement of a power wheelchair.

The TGA has determined that each make and model of power chair can resist EMI/RFI to a certain level. The higher the level of immunity, the greater the degree of protection from EMI/RFI measured in volts per meter (V/m). The TGA has also determined that current technology is capable of providing 20 V/m of immunity to EMI/RFI, which would provide useful protection against common sources of interference.

EMI/RFI RECOMMENDATIONS

- Do not turn on or use hand-held personal electronic communication devices such as cellular phones, walkie-talkies, and CB radios while your power chair is turned on.
- Be aware of any nearby transmitters (radio, television, microwave, etc.) on your intended route and avoid operating your chair close to any of those transmitters.
- Turn off the power if your GP650 is going to be in a stationary position for any length of time.
- Be aware that adding accessories or components or modifying your power chair may make it more susceptible to EMI/RFI and will void your warranty.
- If unintended movement or brake release occurs, turn your power chair off as soon as it is safe to do so.
- Report all incidents of unintended movement or brake failure to your *Monarch* authorised dealer or to Scooters Australia at 1300 622 633

WARNING: Turn off your power chair as soon as it is safely possible if unintended or uncontrollable motion occurs or if unintended brake release occurs.

DISSASSEMBLY

Your Monarch GP650 can be carried in a vehicle provided there are two people to lift the base and seat into a vehicle. The base weighs over 40 kgs, so care must be taken by the assistants to ensure that they are capable of lifting such a weight.

If transporting the chair in a vehicle ensure that the freewheel lever is in the “Engaged” position (see “Operating Your Powerchair” on page 10.).

SEAT REMOVAL/INSTALLATION

Note: The seat assembly weighs about 21 kgs. Please ask for help if you do not feel capable of safely lifting that much weight. Removal of armrests will significantly reduce the weight of the seat.

REMOVAL

1. Disconnect the joystick controller cable from the plug under the seat. (See Figure 1).
2. Remove the two armrests by releasing the width adjustment knobs (Fig 2)
3. Lift the front and rear seat lock handles and slide the seat until the seat guides are out of the receivers (Figures 3 – 4)

INSTALLATION

The seat can be installed from either side of the power chair.

1. To install the seat, align the seat guides (front and rear) with the seat receivers
2. Slide the seat towards the center of the power chair until the seat locks securely in place. The front and rear locks must engage.
3. Reconnect the controller cable.

WARNING: BE SURE THE SEAT IS CORRECTLY INSTALLED AND LOCKED BEFORE OPERATING YOUR POWER CHAIR.

BATTERY REMOVAL

The batteries can be removed in order to reduce the weight of the base. Note that the batteries are heavy and care must be taken in lifting and transporting the batteries.

1. Remove the seat from the base (see above)
2. Remove the front and rear covers by lifting them up and pulling gently towards you
3. Disconnect the battery connectors and unfasten battery straps.
4. Use the battery handles to lift the batteries out, one at a time.



Figure 1



Figure 2



Figure 3



Figure 4

SEATING ADJUSTMENTS

You may be spending a great deal of time on your GP650. To provide you with the maximum seating comfort, we have designed this power chair to incorporate the following adjustments for operator comfort.

COMFORT SETTINGS

1. Seat height
2. Headrest height
3. Backrest angle
4. Footrest angle
5. Footrest height
6. Joystick bracket length
7. Seat Angle

WARNING: Make certain that the power to your GP650 is turned off before making any adjustments, to eliminate the risk of the joystick being accidentally bumped and activating the chair. If you do not feel capable of safely making these adjustments, please contact your local authorised Monarch dealer.

SEAT HEIGHT AND ANGLE ADJUSTMENT

The seat frame is a 4-post design that is adjustable in height and seating angle. Adjustment is made by removing ball detent pins, raising or lowering seat posts to desired height/angle and re-installing the ball detent pins. The seat can also be tilted such that there is a difference of up to 75mm between the rear and front height. Please consult your local Monarch dealer to make these adjustments.

HEADREST HEIGHT ADJUSTMENT

1. Push and then release the clamp on the left post of the headrest while you are pulling up or pushing down on the head rest.
2. The headrest will “click” to a stop in one of the preset positions.
3. Repeat step 1 until the headrest is at the desired height.

BACKREST ANGLE ADJUSTMENT

NOTE: The backrest can be folded down to minimize chair height during transport.

1. Pull up on the adjustment lever on the side of the backrest and push against the backrest until the backrest is in the desired position.
2. Release the lever.
3. To return the backrest to the upright position, pull up on the lever and move the backrest to the desired position.

FOOTREST ANGLE ADJUSTMENT

1. Fold the footrest upward for easy access to the angle adjustment bolt. See figure 5.
2. Use a wrench to turn the adjustment bolt counter-clockwise to release the footrest angle.
3. Use a wrench to turn the adjustment bolt clockwise to decrease the footrest angle (fig. 5)



Figure 5

Footrest Angle
Adjust Bolt



Figure 6

Footrest Height
Adjustment Bolts

FOOTREST HEIGHT ADJUSTMENT

1. Remove front cover.
2. Use an Allen wrench to remove the bolts indicated in figure 6.
3. Slide the footrest to the desired height.
4. Align the bolt holes in the footrest and the footrest bracket.
5. Install and tighten the bolts.

EXTENDING THE FOOTREST

1. Loosen the (2) footrest adjustment screws located under the footplate
2. Slide the footrest plate to the desired position and tighten the adjustment screws.

NOTE: The maximum extended length is not at the end of the slots.

ARMREST HEIGHT ADJUSTMENT

1. Loosen ““Armrest Height Adjustment Knob”” (Figure 7) until you can pull it outward. Note: The knob is retained in its housing with a spring.
2. While keeping the knob pulled, raise or lower the armrest to the desired position then release the knob. After releasing the knob, you may have to raise or lower the armrest until it aligns with the nearest locking position.
3. Tighten the height adjustment knob.



Armrest Adjustment Knob

Figure 7



Joystick Setscrew

Figure 8

JOYSTICK BRACKET LENGTH ADJUSTMENT

1. Loosen the setscrew that adjusts the joystick position. See Figure 8.
2. Slide the joystick bracket in or out of the joystick holder to desired position.
3. Tighten the setscrew.

ARMREST WIDTH ADJUSTMENT

1. Loosen the adjustment knobs at the rear of the seat.
2. Slide the arms in or out.
3. Tighten the adjustment knobs.

OPERATING YOUR POWERCHAIR

Your GP650 is simple to operate. However, for your safety and the safety of others, we recommend that you carefully read and understand the following operating instructions. We also recommend that you practice operating your GP650 in an area free of any obstacles.

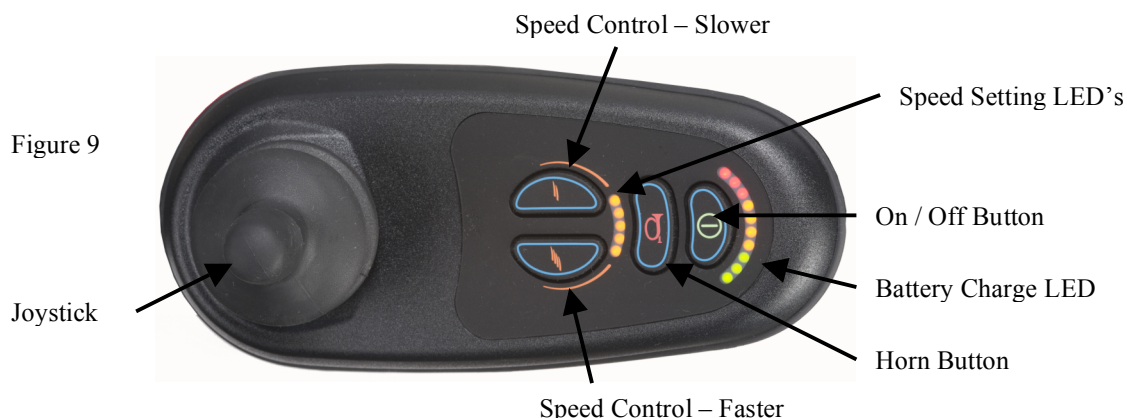
A WORD OF CAUTION

Before turning on the power of your GP650, take note of your environment and set your speed control accordingly after you have turned on the powerchair (see “The Speed Control Buttons” Figure 9). For indoor driving, we recommend that you select the lowest speed setting. For outdoor driving, we recommend that you select a speed setting at which you feel comfortable, safe, and in control of your power chair.

DRIVING: The Joystick On/Off Switch

Push the on/off button to turn on the power to your GP650. See figure 9. The LEDs (Light Emitting Diodes) will flash once and a number of LEDs will remain depending on the state of the battery charge.

- The LED array that functions as the battery charge gauge, will also light up. See “Battery Charging” on page 13. Pressing the on/off button again will turn off the power to your GP650.



The Speed Control Buttons

These buttons provide you with a way to control the maximum speed of your GP650.

- Press the “Slow” button repeatedly to set your chair’s speed to the slowest setting (recommended for indoor operation). Slowest speed is indicated by one (1) lit LED section on the speed indicator scale.
- Press the “Fast” button repeatedly to set your chair’s speed to its highest setting. Highest speed is indicated by five (5) lit LED sections on the speed indicator scale.

NOTE: For your safety, the controller automatically sets the reverse speed, acceleration, and deceleration in proportion to the speed control setting.

The Joystick

The joystick (see figure 9) controls the speed (up to the maximum limit set by the speed control buttons) and direction of your power chair. Pushing the joystick away from the neutral (center) position will move your GP650 in the direction that the joystick is pushed. The farther forward or backward you push the joystick, the faster your power chair will go.

NOTE: When you are not pushing on the joystick, or when you release the joystick, the joystick will automatically return to the neutral position, the chair will gradually stop.

To operate your power chair, gently push the joystick in the direction in which you want to travel.

- Gentle operation of the joystick will provide you with smoother changes in speed and direction.
- Sharp or jerky operation of the joystick will result in quick and drastic changes in direction and speed.

The Joystick Display

The joystick display (see figure 9) is a multifunctional visual display. This display provides three types of information.

- On/Off status and maximum speed setting
- Battery charge level
- Fault diagnostics

1. On/Off Status

When you turn on the power to your GP650, the LED array will light up (see figure 9). If the LED array is not lit, the controller and the power chair are not in operating mode.

2. Battery Charge Level

The joystick LED array is composed of ten LED's.

- Three red
- Four amber
- Three green

When all LEDs are lit continuously, there is a full charge on the batteries. As you use your power chair and the batteries discharge, LEDs in the array will begin to turn off in descending order. A single lit red LED indicates the lowest state of operable charge on the batteries. The batteries should be charged immediately.

NOTE: To ensure a dependable battery charge, we recommend that you charge the chair's batteries overnight. Doing this will prolong the life of the batteries and spare you loss of operational power while you are using your chair normally.

3. Fault Diagnostics

The joystick LED array is also designed to help you diagnose any problems with the electrical components of your power chair. The LED array does this by flashing on and off in a coded sequence.

See the table on below to see the list of diagnosable problems and the flash code sequence.

Flash codes indicate the nature of an abnormal condition directly from this information guide. Without the use of any servicing tools, the condition can be simply diagnosed. However, do not attempt to repair the electronic controller as this may damage it.

Code	Description	Remedy
1	Battery	Battery needs charging or there is a loose battery connection.
2	LH Motor connection	Bad connection in Left Hand motor*. Check connections.
3	LH Motor fault	LH motor Short circuit – contact your dealer.
4	RH Motor connection	Bad connection in Right Hand motor*. Check connections.
5	RH Motor fault	RH motor Short circuit – contact your dealer.
6	External signal	External signal preventing operation. Check that charger is disconnected.
7	Joystick fault	Make sure joystick in centre position before turning on.
8	Controller fault	Make sure all connections are secure. Contact dealer.
9	Park brake fault	Check park brake connections and ensure other connections secure.
10	Voltage fault	Excessive voltage. Possibly poor battery condition or connections.
7 + "s"	Communication fault	Ensure joystick cable is connected and undamaged
8 + **	Actuator fault	Contact dealer
Rippling	System locked	If speed LEDs ripple up and down, system is locked (see below).

Note: Left hand and right hand motor faults opposite if "Motor Swap" has been enabled.

Locking and Unlocking the GP650

Locking the GP650	Unlocking the GP650
Turn on and depress on/off button. System beeps.	Turn on – speed LEDs rippling up and down
Release button push joystick forward until beeping	Push joystick forward until beeping
Push joystick backwards until beeping	Push joystick backwards until beeping
Release joystick. Long beep	Release joystick. Long beep
GP650 now locked	GP650 now unlocked

FREEWHEEL MODE

To disengage the gears and put your power chair in freewheel mode, push the yellow freewheel levers forward on each side in the direction indicated. To re-engage the gears and take your chair out of freewheel mode, reverse the procedure. (See Fig 10)

Figure 10



Warning: Never put your power chair in freewheel mode when it is on a slope or incline of any type. Never put your power chair in freewheel mode while you are operating your power chair or transporting your chair.

THERMAL ROLLBACK

Your GP650 is equipped with a safety system. A microprocessor monitors the operating temperatures of the controller. In the event of excessive heat occurring in the controller, the controller will decrease the speed of your chair. This is done to reduce the load on the electrical system and allow the components to dissipate heat. The controller will automatically set the chair's speed back to full normal when the operating temperature returns to normal levels.

THE MAIN CIRCUIT BREAKER

The main circuit breaker is another safety feature incorporated into your GP650. This device monitors the amount of current being drawn from the batteries when the chair is in use. When the motors are heavily strained and too high a current draw is being placed on the batteries, the main circuit breaker will trip and bring your chair to a stop.

Circuit Breaker



Figure 11

Reset Button

If the main circuit breaker trips, please wait for approximately 1 minute and then push the reset button to reset the main circuit breaker. See figure 11.

NOTE: Usually, the thermal rollback feature is more sensitive than the main circuit breaker. We recommend that you turn off the power to the chair and wait for five minutes when the chair suddenly loses speed or power. Doing so will allow the overheated electrical components to cool to their normal operating temperatures.

SWING-AWAY DESK ARM

Your GP650 is equipped with a swing-away desk arm that provides you with the convenience of positioning your chair close to a work surface such as a table or desk.

To swing the desk arm simply push on the side of the joystick until the joystick swings to the retracted position. See figure 12.

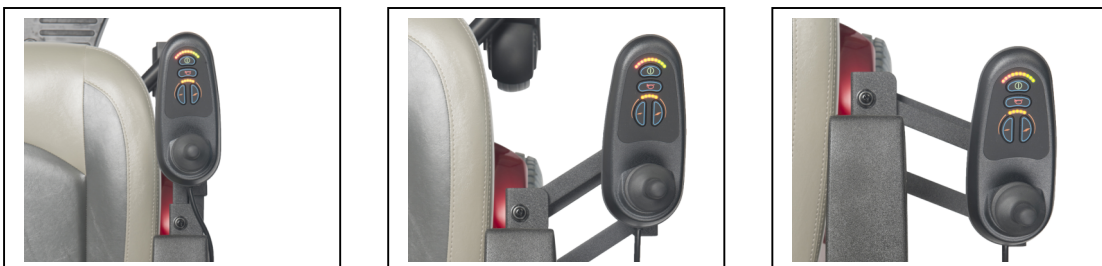


Figure 12

SERVICING

Your GP650 should be serviced by an authorised Monarch dealer every 12 months.

You are responsible for organising and booking this service. A fee may be charged for in-home visits. Make sure you fill in the service schedule at the back of this manual.

In between services, we recommend that you periodically check the following:

- **Tyre Tread:** Regularly visually inspect the tyre tread. If the remaining tread is less than 1mm have your local Monarch dealer replace the worn tyres.
- **Joystick and Controller:** Protect the joystick and controller from adverse weather conditions. Moisture will damage the controller and void your power chair's warranty.
- **Battery Terminals:** Regularly inspect the condition of the battery terminals. Make certain that they are not corroded. Also check to see that the terminals are securely tightened.
- **Cleaning:** Use only a water-dampened soft cloth to clean the ABS shroud. The shroud has a protective coat that is very easy to maintain.

WARNING: Do not use free-flowing water to clean your GP650. Water and extreme temperatures are the main elements that can adversely affect your power chair and its performance.

BATTERY CHARGING

You must use only the charger that is supplied with your GP650. The use of any other charger on this power chair will void the warranty. Using unauthorized chargers may also result in severe damage to the batteries and/or damage to the chair. Using the wrong charger may also be a fire hazard.

Operational Range

Depending on the use, the terrain, and the driving conditions, the batteries of your GP650 will provide fifteen to twenty five kms of operation.

- We recommend that you charge the batteries every evening after you have used your chair. You should not leave your batteries in a discharged state as this will shorten the life of the batteries. It is better to keep the charger "On" for a few hours after the indicator light shows that the batteries are fully charged. The charger is equipped with an automatic cut-off and will not overcharge your batteries.

CHARGING THE BATTERIES

Your GP650's charging system is designed for your safety and for your convenience. Follow the steps below to recharge the batteries.

1. Position your GP650 close to a standard wall electrical outlet.
2. Turn off the power on the joystick.
3. Insert the matching charger plug into the joystick's charging socket that is located at the front of the joystick. See figure 12.
4. Insert the plug at the other end of the charger power cord into a standard electrical wall outlet and turn on, then turn on the charger at rear of the charger.
5. When charged, turn off the charger and the powerpoint, disconnect the charger power cord from the wall outlet and from the joystick charging socket. Never leave the charger plugged into the chair but with the power turned off.

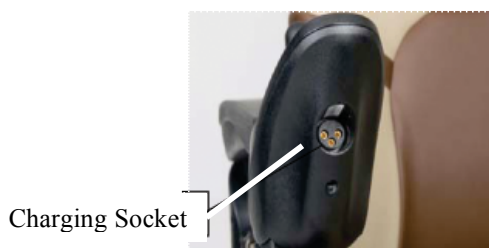


Figure 12

NOTE: The batteries will be fully charged in four to eight hours. A full charge is indicated when the green light on the battery charger side panel turns on and all 10 joystick LEDs are lit when joystick is turned on.

WARNING: The battery charger may become hot while charging the batteries. Ensure that the charger is placed in a position that is well ventilated and away from flammable materials.

REPLACING THE BATTERIES

Your local *Monarch* dealer can supply replacement batteries that are specific for your GP650 and the accompanying battery charger. Cheaper batteries, or batteries not compatible with the chair or the charger can damage either the chair or the charger and may contribute to poor performance.

Specifications	
Length	96 cm
Width	61 cm
Tyres:	
Drive Wheels	260 x 85 cm
Casters	15 cm
Weight capacity	136 kg
Weight:	
Base	40 kg
Seat	15.5 kg
Total Weight – with batteries	84 kg
Seat Height from ground (adjustable)	45 – 57 cms
Footrest:	
Height adjustable	Yes
Angle Adjustable	Yes
Length Adjustable	Yes
Maximum speed *	8 kph
Operating range*	15–25 km
Turning radius	48 cm
Batteries (2)	34 a/h
Electronic Controller	PG-VR2
Freewheel mode	Yes
Electromechanical Park Brake and Motor Brake	Yes
Charger	Off-board 4a
Sealed transaxle Motors	2 x 24 VDC, 2 pole

* Note: Range and speed will vary according to terrain, payload and battery condition. Range is a guide only.

These specifications are accurate at time of publishing but may be revised at any time without prior notice

Limited Warranty

Scooters and Powerchairs

Effective January 1st, 2012

The following warranty is granted only to the INITIAL consumer who has purchased our product, and commences on the Date of Purchase by the Consumer from an Authorised Dealer, by Scooters Australia Pty Ltd. Any warranty claim must be made in the first instance to the Authorised Dealer from whom the product was purchased, and must be taken to the Authorised Dealer for such claims. **If the product is not taken to the Authorised Dealer a call-out fee may be payable.**

This warranty covers the following products:

- Monarch Buzz GE106/116/146
- Monarch Literider GL110/140
- Monarch Tesla
- Monarch GC 340/440
- Monarch Literider Powerchairs
- Monarch GP600-650 Powerchair.
- ActiveCare scooters and powerchairs
- Monarch Royale 3 & 4
- Venus S9
- Luggie

Three Year Warranty

For the period of three years, from the date of purchase from the Authorised Dealer, in the event of defective materials or workmanship, Scooters Australia Pty Ltd will repair or replace at our option any of the following components found to be defective by an authorised Scooters Australia representative:

- Steel Frame
- Frame Welds
- Tiller Frame
- Front Fork
- Seat Post

Eighteen month Warranty

For the period of eighteen months, from the date of purchase from the Authorised Dealer, in the event of defective materials or workmanship, Scooters Australia Pty Ltd will repair or replace at our option any of the following components found to be defective by an authorised Scooters Australia representative:

- Transaxle
- Motor / Brake (electrical function only)
- Wire Harness(es)

Note: An increase in operating noise of the transaxle DOES NOT constitute a defect or major fault. With normal wear and tear, operating noise is expected to increase.

One Year Warranty

For the period of one year, from the date of purchase from the Authorised Dealer, in the event of defective materials or workmanship, Scooters Australia Pty Ltd will repair or replace at our option any of the following components found to be defective by an authorised Scooters Australia representative:

- Dash Assembly
- Battery Charger
- Potentiometer Assembly
- Electronic Controller
- Bearings
- Bushings
- Seat Swivel Mechanism
- Rubber Components, excluding tyres
- Plastic Components, excluding body
- Armrests, excluding pads

Note: While charging batteries it is normal for the battery charger to heat up. Heat coming from the battery charger DOES NOT constitute a defect

NOTE: Items not listed above are not covered for repair under this warranty

Limited Warranty

Scooters and Powerchairs (continued)

Effective January 1st, 2012

Warranty Exclusions:

Scooters Australia does not provide warranty on any of the following items which may require replacement due to the normal wear and tear of day to day usage:

- Tyres and Tubes
- Plastic Shrouds
- Motor Brushes
- Bulbs / Fuses
- Brake pads
- Upholstery
- Armrest pads

This warranty also excludes the following:

- Batteries (Please consult battery manufacturer for any implied warranty)
- Loss or theft of components
- Damage caused by:
 - Battery fluid spillage or leakage
 - Abuse, misuse, accident or negligence
 - Improper operation, maintenance or storage
 - Commercial use or use other than normal
 - Repairs and / or modifications made to any part without specific written consent of Scooters Australia
 - Exceeding the specified weight capacity of the unit
 - Accessories other than those supplied or approved by Scooters Australia
 - Failure to adhere to the product instructions contained in the Owner's Manual
 - Acts of Nature, such as lightning strikes, etc
 - Circumstances beyond the control of Scooters Australia
 - Call out fees or freight costs if the product is not returned to the authorised dealer.
- ANY PARTS ALTERED OR REPAIRED BY UNAUTHORISED PERSONS.

There is no other express warranty.

Implied warranties, including those of merchantability and fitness for a particular purpose are excluded. Liabilities for consequential damages are excluded. This warranty gives you specific rights and you may also have other rights which may vary from state to state.

How to get Warranty Service

Warranty service must be performed by an authorised Scooters Australia representative. Scooters Australia reserves the right to replace warranted parts with refurbished or new parts at our discretion. All service calls, call-out fees, transportation costs or any other charges associated with any warranty repairs are the responsibility of the consumer. Warranty is for the replacement of the part only and does not include freight for the replacement parts. Consumers are not to return any item to Scooters Australia without prior written authorisation. Any damages incurred while warranted parts are in transport are the sole responsibility of the consumer. To receive Warranty Service:

- Contact the Authorised Dealer from whom you purchased the product.
- Arrange to either deliver the product to the Dealer or to have the Dealer call out to inspect the product. **Such call-out may attract a fee – contact your dealer for details.**
- When the service is complete, either pick up the product from the Dealer or pay for it to be delivered to you.

Warranty Terms and Conditions

Any sale of product by Scooters Australia is subject to and conditional upon its general trading terms and conditions. In the event of any inconsistency between those terms and conditions and the terms and conditions of this Limited Warranty, then the terms of this Warranty shall prevail.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Service Record

Initial Owner

Date Purchased: Invoice #:

	Date Serviced	Invoice #	Technician (signature)	Notes
12 Months Service				
24 Months Service				
36 Months Service				
48 Months Service				
60 Months Service				

- Please phone your local dealer to arrange for your next service appointment
- Please ensure that the details of each service are recorded above.

Authorised Dealer

