



*Product may not be exactly as shown

P327

Instruction Manual

Discovering your world again—in style



Table of Contents

Introduction	2
EMI Warning	3
Safety Guidelines	5
Preparation for Use.....	6
Features.....	7
Free Wheel Mode.....	11
Disassembly.....	Error! Bookmark not defined.
Batteries and Battery Charging.....	14
Controller Operation	16
Controller Flash Codes	20
Dynamic Controller Operation.....	21
Inspection and Maintenance	22
Warranty	24
Specifications P326A.....	25
Options.....	26

Introduction

Congratulations on the purchase of your Eclipse Powerchair. Please carefully read this owner's manual before attempting to use your Powerchair. After reading the manual if you still have any questions or concerns please feel free to contact your local authorized dealer.

Before reading the rest of the manual please register your product online at www.eclipsemedical.com.

You must keep your receipt as proof of purchase for the warranty to be valid: you will need to present the receipt when you service or repair your product under warranty.

Please fill in the information below for your records.

Model: _____

Serial # _____

Date Purchased: _____

Dealer Name: _____

Dealer Telephone #: _____

EMI Warning

This vehicle has an immunity level of 30 v/m which should protect it from Electromagnetic Interference (EMI) from radio wave sources. The rapid development of electronics, especially in the area of communications, has saturated our environment with electromagnetic (radio) waves that are emitted by television, radio and communication signals. These EMI waves are invisible and their strength increases as one approaches the source. All electrical conductors act as antennas to the EMI signals and, to varying degrees, all power wheelchairs and power scooters are susceptible to electromagnetic interference (EMI). This interference could result in abnormal, unintentional movement and/or erratic control of the vehicle. The United Statement is incorporated to the user's manual for all electric power wheelchairs:

Powered wheelchairs and electric power scooters (in this text, both will be referred to as powered wheelchairs) may be susceptible to electromagnetic interference (EMI), which is interfering electromagnetic energy emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios and cellular phones. The interference (from radio wave sources) can cause the powered wheelchair to release its brakes, move by itself or move in unintended directions. It can also permanently damage the powered wheelchair's control system. The intensity of the EMI energy can be measured in volts per meter (V/m). Each powered wheelchair can resist EMI up to a certain intensity. This is called the "immunity level." The higher the immunity level, the greater the protection. At this time, current technology is capable of providing at least 30 V/m of immunity level which would provide useful protection against common sources of radiated EMI.

Following the warnings listed below should reduce the chance of unintended brake release or powered wheelchair movement that could result in serious injury:

- 1) Do not turn on hand-held personal communication devices such as citizens band (CB) radios and cellular phones while the powered wheelchair is turned on.
- 2) Be aware of nearby transmitters such as radio or TV stations and try to avoid coming close to them.
- 3) If unintended movement or brake release occurs, turn the powered wheelchair off as soon as it is safe.
- 4) Be aware that adding accessories or components, or modifying the powered wheelchair, may make it more susceptible to interference from radio wave sources. (Note: there is no easy way to evaluate their effect on the overall immunity of the powered wheelchair).
- 5) Report all incidents of unintended movement or brake release to the powered wheelchair manufacturer, and note whether there is a radio wave source nearby.

TURN OFF YOUR POWER WHEELCHAIR AS SOON AS POSSIBLE WHEN EXPERIENCING ANY OF THE FOLLOWING:

1. Unintentional motions.
2. Unintended of uncontrollable direction.
3. Unexpected brake release.

The FDA has written to the manufacturers of power wheelchairs, asking them to test their new products to be sure they provide a reasonable degree of immunity against EMI. The letter says that powered wheelchairs should have an immunity level of at least 30 Vim, which provide a reasonable degree of protection against the more common sources of EMI. The higher the level, the greater the protection.

Safety Guidelines

Your Powerchair is a powerful electric device. Please read the following notes carefully to ensure safety at all times. Always make certain your Powerchair is in full working order before use.

1. Do not exceed any incline over 6 ° / 10%
2. Do not reverse while driving up any incline or hill.
3. Do not use the joystick in an erratic manner when proceeding uphill or downhill.
4. Do not turn off your Powerchair using the ON/OFF button when in motion. This will set the brakes immediately and could cause damage to the controls of the Powerchair and to you.
5. Do not ride over deep, soft terrain such as loose dirt/gravel, tall grass etc.
6. Do not mount any curb height over 4 cm (1.5 inches).
7. Do not attempt to cross over a gap on the sidewalk or road that is greater than 7.5 cm (3 inches).
8. Do not carry passengers.
9. Do not mount or dismount your Powerchair unless brakes are engaged and the controls are off.
10. Do not get on or off of the Powerchair on a hill.
11. Do not operate your Powerchair on public roads.
12. Do not remain seated on your Powerchair when in a vehicle. Transfer to a seat within the vehicle.
13. Do not adjust seat height while sitting on your Powerchair!
14. Always come to a full stop before making any sharp change of direction.
15. Always reduce to a slow speed when approaching and proceeding down gradients. Moving your joystick slowly towards the central position will reduce your speed.
16. Always approach curbs and gradients at slow speeds.
17. Do not drive over soft, uneven or unprotected surfaces such as grass, loose gravel or sand.
18. Always keep your feet on the footplate when in motion.
19. Always use your safety belt.

20. Always keep your tires at the correct air pressure.
21. Always make certain that your batteries are fully charged before setting out on your journey.
22. Do not drink and drive. Consult your Physician to determine if your medications impair your ability to control the Powerchair.
23. Do not turn on or use hand-held personal communications devices such as radios or cellular phones.
24. PLEASE GIVE CONSIDERATION TO PEDISTRIANS WHEN OPERATING YOUR ECLIPSE POWERCHAIR.

Preparation for Use

Your Powerchair has many features designed to provide you with maximum comfort, and will be ready for immediate use upon assembly and delivery by your dealer. Adjustments may then be made to the following parts:

1. Footplate may be lengthened outward from the main frame to four different positions.
2. Footplate may be angled from 0° to 60°.
3. Armrests may be set at a variety of angles and/or lengths.
4. Arms may be increased in height.
5. Joystick control may be fitted for either right or left hand use.
6. Seat height can be raised or lowered.
7. Backrest angle may be adjusted.
8. Make sure batteries are connected and charged at least 6-8 hours before first use.

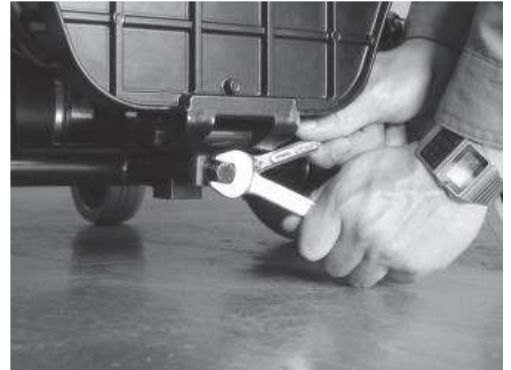
Features

WARNING: All adjustments must not be made while user is seated on Powerchair.

All other adjustments should be carried out while seated in your Powerchair.

Footrest Angle Adjustment

1. Flip-up the footplate for easy access to bolt.
2. With an Allen wrench, simple turn the bolt clockwise to increase the angle or counter-clockwise to decrease the angle.
 - A. Hold hexagonal bolt with wrench and loosen the nut.
 - B. Choose the correct angle and tighten the bolt.



Armrest Angle Adjustment

1. Flip up the armrest for easy access to the set screw.
2. Turn the set screw counter-clockwise to raise the armrest and clockwise to lower the front of the armrest.



Headrest Height Adjustment

Depress then release the clamp on the left of the backrest while pulling headrest up or pushing down until you reach the desired comfort position. (one of three).



Seat Back Adjustment

Your powerchair has a fully adjustable seat for your comfort. To manually recline your seat, simply pull up on the lever located on the lower left side of the seat and you will be able to adjust it to fit your desired convenience.

Seat Removal

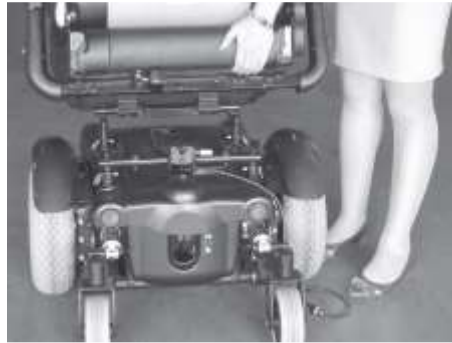
1. Disconnect the controller connector from the joystick.



2. Turn the backrest angle adjustment lever up and tilt the backrest forward.



3. At the rear of the seat release the lock holding the seat and carefully lift the rear part of the seat and remove the seat vertically.



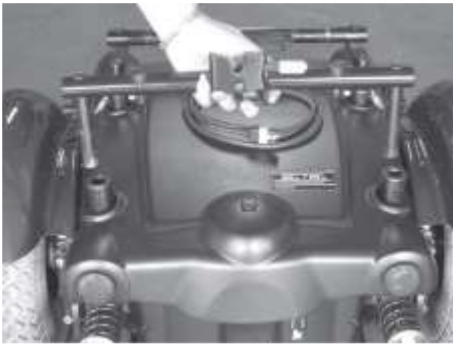
4. To install the seat, insert the from seat hook into the cross bar. Carefully lower the seat down towards rear and lock into position. **Before operating make sure the seat is fully locked into position.**

Seat Height Adjustment

1. Take off the seat.
2. Remove the retaining clips.



3. Pull the trapeze bar out as far as the required height until the correct hole appears in the seat tubes.



4. Insert the pins back into the correct height hole on all four tubes.



5. Reinstall the seat.

Joystick Controller

Conversion

You can move the joystick controller so the operator can use it with either their left or right hand. Beneath the armrests there is a hand knob (same knob to adjust the armrests). Remove the hand knob completely and slide off the armrests. You can now exchange the joystick control from one side to the other.

Position

Loosen the set screw with an allen key and adjust the joystick correct position and then tighten.



Extension or Retraction

Push the joystick controller outward and backward to store it at the side of the Powerchair Arm. This allows easier access to tables, desks, etc.

Free Wheel Mode

The powerchair has a manual freewheel model lever on each motor. Manual freewheel levers enable you to disengage the drive motors from the gearboxes and maneuver the chair manually.

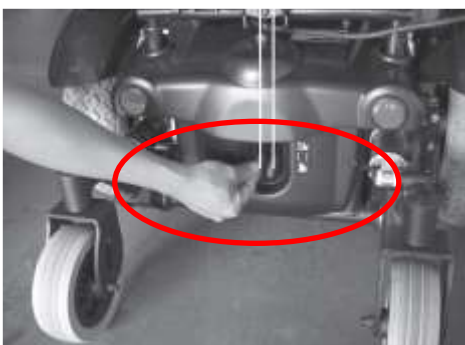
WARNING: DO NOT USE THE POWERCHAIR WHILE THE DRIVE MOTORS ARE DISENGAGED! DO NOT DISENGAGE THE DRIVE MOTORS WHEN THE POWERCHAIR IS ON AN INCLINE, AS THE UNIT COULD ROLL ON ITS OWN, CAUSING INJURY!

To engage or disengage the drive motors:

1. Locate the lever on the top of each motor.
2. Push the two levers downward to engage the drive motors. (A)
3. Pull the two levers upward to disengage the drive motors. (B)

WARNING: IT IS IMPORTANT TO REMEMBER THAT WHEN YOUR POWERCHAIR IS IN FREEWHEEL MODE, THE BRAKING SYSTEM IS DISENGAGED.

Motor Engaged
A



Motor Disengaged
B



Disassembly

DISASSEMBLY INSTRUCTIONS

WARNING:

CAUTION IS ADVISED WHEN DISASSAMBLING AND LIFTING ITEMS. YOU MUST ENSURE THAT THE PERSON UNDERTAKING THIS PROCEDURE IS PHYSICALLY CAPABLE OF LIFTING THE WEIGHT INVOLVED.

Seat Removal

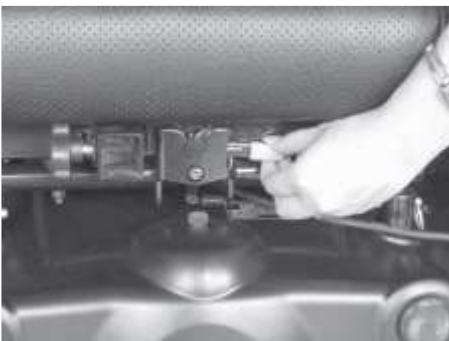
1. Disconnect the controller connector from the joystick.



2. Turn the backrest angle adjustment lever up and tilt the backrest forward.



3. At the rear of the seat release the lock holding the seat and carefully lift the rear part of the seat and remove the seat vertically.



4. To install the seat, insert the from seat hook into the cross bar. Carefully lower the seat down towards rear and lock into position. **Before operating make sure the seat is fully locked into position.**

Battery Removal

1. Unscrew the four plastic lock pins then remove top shroud.



2. Disconnect the battery cables.



3. Remove velcro battery straps.



4. Carefully lift out each battery.



TO RE-ASSEMBLE YOUR POWERCHAIR SIMPLY REVERSE THE ABOVE DESCRIBED PROCEDURES.

Batteries and Battery Charging

Your powerchair uses two long-lasting, 12 volt batteries. These deep-cycle batteries are sealed and maintenance free. Since they are sealed, there is no need to check the electrolyte fluid level. Deep-cycle batteries are designed to handle deep discharges. Though they are similar in appearance to automotive batteries, they are not interchangeable. Automotive batteries are not designed to handle long, deep discharges, and are also unsafe for use in your powerchair.

Because your Powerchair batteries are sealed, they are most likely to be accepted for transport on all aircrafts. Please consult your carrier prior to departure, as they will need advance warning that you wish them to carry batteries.

PLEASE NOTE: Each carrier reserves the right to carry what may be termed “HAZARDOUS CARGO” Eclipse Medical Inc. cannot be responsible for their final decision.

WARNING! Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

Battery Charging

Your Powerchair has a lot of power, so keeping it working to its maximum potential means that its two batteries must be maintained with full power. An active user will need to charge the batteries after using approx. 30% of the battery capacity. An inactive user (once a week to every other day), the recharge point would be 50%. Nightly recharging, after use, will help you give the batteries a longer life and will ensure your Powerchair is always ready to go when you are. The batteries are located under the seat in the center of the chair. The duration of the batteries can be affected by temperature, terrain and weight of the user. On the joystick controller there is a battery gauge, which indicates how much charge is remaining in the batteries.

Battery Charger

The battery charger supplied is special to your Powerchair, and may not be suitable for any other power mobility products. Use only the charger supplied with your Powerchair; other makes of chargers may permanently damage your Powerchair batteries, and would void the warranty.

Charging the Batteries

Your Powerchair batteries will need to be recharged when the battery state indicator located on the joy stick controller is reading in the RED bar area. **NOTE:** The batteries will have a longer life if you do not use up all of the battery's power, and recharge as soon as the battery gauge reaches the red bars. The bars represent time to recharge.

Battery Break-In

To break in your new powerchair batteries for maximum efficiency:

1. Fully recharge any new battery prior to initial+ use. This will bring the battery up to about 90% of its peak performance level.
2. Drive your powerchair for a small amount of time while you become accustomed to the controls.
3. Fully charge the batteries again for 8-12 hours and then operate the powerchair again. The batteries should now perform at over 90% of their potential.
4. After four or five charging cycles, the batteries will top off at 100% charge and last for an extended period.

Charging Your Batteries

1. Connect the charger port cable to the controller charging port on the front of the controller.
2. Plug in the charger into an electrical wall outlet.
3. Controller battery gauge will illuminate.
4. Minimum charging time varies depending on battery condition and discharge level. It is recommended to charge the batteries overnight.
5. Once batteries are fully charged unplug the battery charger from outlet and then from the controller. Do not leave the charger connected to the controller when the input power is disconnected. It is dangerous and will jeopardize the power charging to the batteries.

The battery charger has an auto shut off when the batteries are completely charged.

A Guide to Safe and Lasting Batteries

1. For longest life your batteries should be recharged after use, preferably overnight.
2. If your Powerchair is not used for a period of time, a refreshing charge should be given every month. Never leave your batteries in a discharged condition. This is particularly important to sealed batteries.
3. If your Powerchair has been stored away for some time, recharge your batteries before re-using it.
4. Every six months, check the connections on the batteries, making sure they are tight and clean.

Batteries carry no warranty

Controller Operation

Controller Diagram



Turning Controller ON / OFF

Turn the Power ON




Press the On/Off button.


All battery gauge indicators will light briefly.

Either the current battery charge or lock mode will then be indicated.


Turn the Power OFF

	<p>Press the On/Off button.</p> <p>All LED's will turn off.</p>
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Using the Horn

	<p>Press the Horn button.</p> <p>The horn will sound for as long as the button is pressed.</p>
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Battery Gauge



	<p>The battery gauge is used to indicate power on and provides an estimate of remaining battery capacity.</p> <p>Any green LEDs lit indicate well charged batteries.</p> <p>If only amber and red LEDs are lit, the batteries are moderately charged. Recharge before using your powerchair.</p> <p>If only red LEDs are lit, the batteries are running out of charge. Recharge as soon as possible.</p>
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The Joystick

	<p>The powerchair starts to drive the direction of the joystick movement.</p> <p>The amount of joystick movement determines the speed of the powerchair. If the joystick is moved further from the centre, the powerchair will drive faster.</p>
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Adjusting Driving Speed

	<p>You can adjust the maximum speed of the chair to your preference or environment. The currently selected top speed is shown on the Speedometer.</p>
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 <p>Slower</p>	<p>Press <u>and release</u> the “SLOWER” button to decrease the max speed of the chair <u>by 20%</u>.</p> <p>Press <u>and hold</u> the “SLOWER” button to decrease the max speed of the chair <u>in fine steps*</u>.</p>	
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 <p>Faster</p>	<p>Press <u>and release</u> the “FASTER” button to increase the max speed of the chair <u>by 20%</u>.</p> <p>Press <u>and hold</u> the “FASTER” button to increase the max speed of the chair <u>in fine steps*</u>.</p>	
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*If adjusting the speed in fine steps does not work, simultaneously hold down the ‘slower’ and ‘faster’ buttons for 2 seconds to activate fine speed control. The SHARK will beep when the mode has been changed.

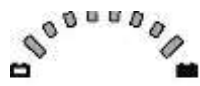
Using fine steps can be particularly useful for matching the chair speed to the walking speed of an accompanying pedestrian.


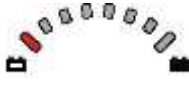
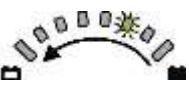



The **Speed Button Sensitivity** parameter sets how quick the maximum speed increments or decrements when a speed button is held down.

The Speedometer

	<p>The speedometer is used to gauge the relative speed of the chair in comparison to the max speed possible. The right MOST LED indicates current max speed, which can be adjusted using the Increase (Decrease) Speed button.</p> <p>Using the Joystick, as the speed of the chair increases, the LED's will fill in until MAX speed (as displayed) is reached.</p> <p>If the bottom, left most GREEN LED is flashing the joystick is in SPEED LIMIT mode, which limits the drive speed to a pre-programmed value.</p>	 <p>Maximum</p> 
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The Battery Gauge Indications

<u>Display</u>	<u>Description</u>	<u>Meaning</u>	<u>Notes</u>
	All LED's OFF	Power is OFF	

	All LED's ON steady	Power is ON	Less LED's imply a reduced battery charge
	Left RED LED is flashing	Battery charge is almost empty	Batteries should be recharged NOW.
	LED's flash Right to Left	Controller is being LOCKED	To UNLOCK, Press HORN button 2X within 10 SEC.
	Flash Code 2 Fault	Battery too full	Slow down if you are driving down a slope.
	Flash Code 2 Fault	Battery completely empty	Recharge immediately. Battery damage will occur if you keep driving.
	Drive Inhibit LED's turn on one by one, left to right	Chair will not drive	E.g. Charger connect to controller

Controller Flash Codes

If a fault condition exists, the Fault Indicator LED shows a Flash Code.
A flash code is a specific number of short flashes, followed by a pause.

Flash Code



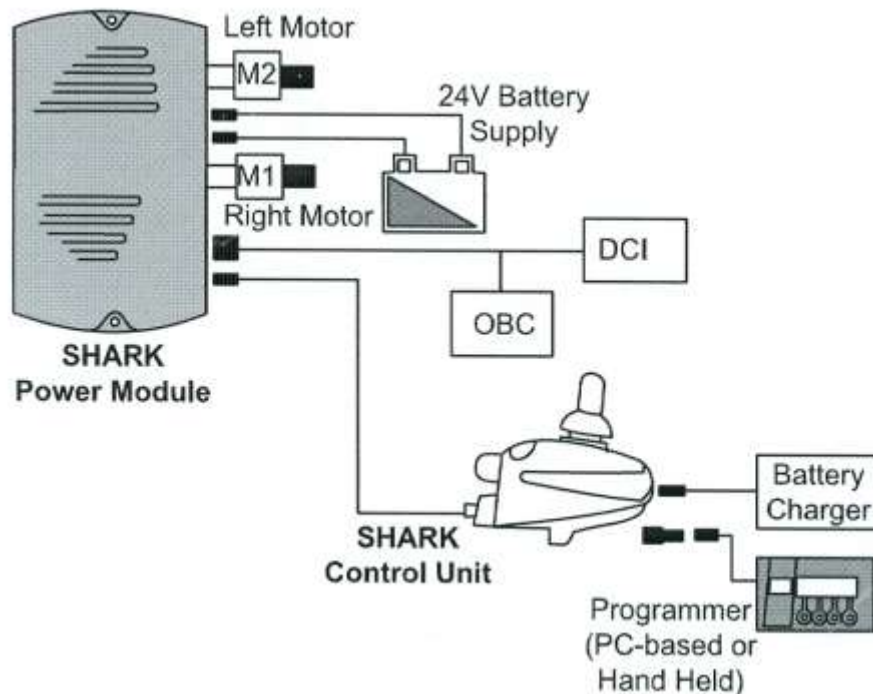
If the fault is a serious fault that prevents the chair from driving, additionally the Battery Gauge shows a 'Drive Inhibit' indication.



<u>Flash Code</u>	<u>Fault Source</u>	<u>Meaning</u>
1	Route / Temperature	<p>The motor current has been at the maximum value for too long.</p> <ul style="list-style-type: none"> The motors may not be strong enough for the chosen route (the route is too steep). <ul style="list-style-type: none"> Turn off the powerchair, let it cool down, then turn it back on again and choose another route. The wheels may be rubbing on the frame. <ul style="list-style-type: none"> Make sure that the wheels can turn freely. The motors may be faulty. <ul style="list-style-type: none"> Have the motor(s) checked by a service technician. <p>The Controller Power Module is too hot.</p> <ul style="list-style-type: none"> Wait a few minutes and try again If this happens often, contact your dealer.
2	Battery	<p>The battery voltage is too low or too high.</p> <ul style="list-style-type: none"> Check the batteries and the cables. Batteries may be empty: charge the batteries. Batteries may be overcharged: <ul style="list-style-type: none"> If driving downhill, slow down or turn on the lights, if fitted. Batteries may be damaged: contact your dealer. <p>If this fault occurs during battery charging, the battery charger is defective or not adjusted correctly.</p> <ul style="list-style-type: none"> Contact your dealer <p>If this fault occurs during when you stop or when you travel down a slope, and the batteries are not full, the battery connector may make intermittent contact.</p> <ul style="list-style-type: none"> Check the battery cables and connectors.
3 4	Motor 1 (Right) Motor 2 (Left)	<p>The motor is not connected to the Controller, or there is a short-circuit in the motor connection.</p> <ul style="list-style-type: none"> The motor brushes may have lost connection. Turn the wheels of the chair to reconnect the motor brushes, and then turn the Joystick off and on. If this happens often, the motors may be faulty. Check that the motor cables are not loose or damaged. Contact your dealer.

<u>Flash Code</u>	<u>Fault Source</u>	<u>Meaning</u>
5	Parkbrake 1 (Right)	The parkbrake has been released manually. <ul style="list-style-type: none"> • Enable the parkbrake, and then turn the Joystick off and on. The parkbrake is not connected to the Controller, or there is a short-circuit in the parkbrake connection. <ul style="list-style-type: none"> • Check that the motor cables are not loose or damaged. • Contact your dealer.
6	Parkbrake 2 (Left)	
9	Missing Power Module	A communication error between the Remote and the Power Module. <ul style="list-style-type: none"> • Batteries may be completely empty: charge the batteries. • Batteries may be damaged: contact your dealer. • Check that the Controller Bus cable is not loose or damaged. • Contact your dealer.
All Other	Internal Fault	<ul style="list-style-type: none"> • Contact your dealer

Dynamic Controller Operation



****Control unit is not exactly as shown.**

Inspection and Maintenance

Your Powerchair, like any other electro-mechanical machine, will benefit from regular servicing by your Eclipse Medical dealer. You, too, can help keep your Powerchair in tiptop condition by following simple guide to home maintenance.

CAUTION: Only qualified technical people should carry out service work.

SEAT UPHOLSTERY: A damp cloth and a mild soap will keep your seat and backrest looking good. Do not use abrasive cleaners, as this will damage the coating. Chemical cleaners can damage upholstery.

Ultra-violet light can also reduce the life of the upholstery coating material. This is a normal ageing process, and cannot be guaranteed (see exclusion in the Warranty terms section).

BODYWORK: The bodywork on your Powerchair can be lightly wiped with a damp cloth using mild soap and water. Auto polish can be used to keep the paint in pristine condition. Do not use abrasive cleaners or strong detergents, as this will fade the color.

CAUTION: Do not hose down your Powerchair. Water could be forced into the electronics and cause permanent damage.

DO NOT store your Powerchair in damp conditions. This may affect the electronics if left for very long periods of time.

ELECTRONICS: Servicing of the drive electronics and charger should only be carried out by your local Eclipse Medical service dealer. These units are sealed and should not be opened. **BROKEN SEALS WILL VOID YOUR WARRANTY.**

You will find that the distance that your Powerchair can travel will gradually increase over the first few weeks of use, as the batteries reach their optimum efficiency after approximately 12 cycles of discharge and recharge.

WARNING

1. Do not smoke or use an open flame while your batteries are being charged.
2. Do not use an extension cord unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock.
3. Do not use the charger if it has received a sharp blow, been dropped or otherwise misused in any way. Take it to a qualified technician.
4. Do not dismantle the charger. This will void the warranty.
5. Do not switch off, unplug or interrupt the recharge cycle until the charging cycle has completed. Make sure that the charger indicator light is green before you unplug your charger.

FAILURE TO OBSERVE THIS INSTRUCTION CAN RESULT IN OVERCHARGING THE BATTERIES.

DO NOT operate your Powerchair in extreme weather conditions, i.e. very heavy rain or snow.

DO NOT drive through deep water. This could damage the main electronic controller.

MOTOR BRAKES – If the motor brakes are functioning correctly, you will not be able to push your machine when it is switched off or switched on with the speed control throttle in the neutral position.

If your Powerchair can be pushed as described above, the motor brake(s) may be faulty. **Please do not use the Powerchair and contact your Eclipse Medical dealer immediately.**

SAFETY NOTE: For your own safety, we recommend that you check the function of your Powerchair brakes prior to a journey.

DRIVING BRAKE – When you drive your Powerchair and let go of the speed joy stock control, your Powerchair should reduce speed very quickly. If you notice a change in the normal driving/slowning condition and your Powerchair does not slow down quickly, please do not use your Powerchair and contact your Eclipse Medical dealer.

TIRES – Your Powerchair comes with non-air filled and air filled tires. Check the condition of your tires regularly. Look for signs of wear, cuts and foreign objects lodged in the tread. Keep proper air pressure in the middle drive tire at all times.

BATTERIES – Keep your batteries well charged (see Battery Charging section). Keep batteries clean and in a dry frost-proof place. Keep battery terminals tight.

IMPORTANT: It is not possible to predict the life expectancy of your batteries. This is mainly due to different workloads to which a battery may be subjected.

Some Powerchair users will use their Powerchair every day, and for long periods of time. Their batteries will receive a near total discharge, and the life of their batteries will be short (12 months or less in some cases). Other Powerchair users will use their vehicles less frequently, putting their batteries through a less demanding discharge lifestyle. These batteries will probably have a longer life (12 to 24 months or longer).

When you need to replace the batteries, always insist on the model fitted as standard equipment to your Powerchair. If in doubt, consult your local Eclipse Medical authorized dealer.

Warranty

3 YEAR LIMITED WARRANTY

This warranty is extended to the original purchaser only. Your original receipt will be necessary as proof of purchase before any warranty performance is rendered.

This warranty only covers failures due to defects in materials or workmanship which occurs during normal use and does not cover damage that occurs in shipment or failures which are caused by products not supplied by **Eclipse Medical Inc.** or failures resulting from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, commercial use, or by anyone other than an authorized dealer, or damage that is attributable to acts of God.

This warranty does to cover neglect or abuse, use of parts or changes not authorized by **Eclipse Medical Inc.**, or exceeding weight limit specifications as outlined in your Product User Manual.

This warranty does not include labour charges.

This warranty does not include shipping charges incurred by the purchaser when returning defective parts for repair/replacement.

Warranty service must be performed by an authorized **Eclipse Medical Inc. Dealer.**

Do not return faulty/defective parts without written authorization.

This warranty applies to product purchased within Canada.

This warranty is void if the original serial number tag is removed from the product or altered in any manner.

3 YEARS	FRAME
2 YEARS	MOTOR, TRANSAXLE, BRAKE
1 YEAR	WIRING HARNESSES, CONTROLLER, ELECTRONICS, SUSPENSION, CHARGER

The warranty does not cover the following items which may need replacement due to normal wear and tear:

- Tires & Tubes
- Upholstery & Seats
- Fuses & Bulbs
- Brake Disc and Pads
- Body Shrouds
- Motor Brushes
- Batteries
-
-

Specifications P327

Eclipse P327		
Dimensions: L x W x H	cm (in)	90 (35.4) x 69 (27.1) x 127 (50)
Total Weight w/o Batteries	kg (lb.)	106 (233)
Battery	_V_Ah x Pcs	12V / 55 AH x 2
Charger	Off Board	5 Amp
Tires	Front	2 x 6"
	Middle	2 x 12"
	Rear	2 x 6"
Motors		DC24V / 200W
Max. Speed	km/hr. (mph)	8 (5)
Driving Distance*	km (mile)	32 (20)
Weight Capacity	kg (lb.)	205 (450)
Suspension		Yes
Controller		Dynamic Shark 50A

***Note:** Maximum driving distance is based on a new fully charged battery depending on weight, terrain and temperature.

****All specifications are subject to change without notice****

Options

CANOPY	Scooter Canopy
CANE1	Single Cane Holder
CANE2	Dual Cane Holder
OXYHOLDER	Oxygen Holder
REAR TOTE	Rear foldable storage bag
OXYHOLDER	Oxygen Holder
WALKHOLD	Walker Holder
ADAPTER	Adapter for second accessory on Canopy

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