



**Freedom Series Platinum 8000 Power Wheelchair  
Owner's Manual**



**Model #'s  
MM-FSP 8000 -W1  
MM-FSP 8000 -W11**



# Table of Contents

<u>Welcome</u>	<u>2</u>
<u>Chair Specifications</u>	<u>3-5</u>
<u>Lets Begin</u>	<u>6</u>
<u>Fold and Unfold</u>	<u>7-11</u>
<u>Armrest</u>	<u>12</u>
<u>Joystick</u>	<u>13-14</u>
<u>Battery Information</u>	<u>15-20</u>
<u>Sync Remote Control</u>	<u>21-22</u>
<u>Manual vs Electric Mode</u>	<u>23-25</u>
<u>Basic Operation</u>	<u>26</u>
<u>Safety &amp; Maintenance</u>	<u>27-32</u>
<u>Electromagnetic Interference</u>	<u>33</u>
<u>Warranty</u>	<u>34</u>
<u>Customer Service</u>	<u>35</u>

# Welcome

**Thank you for choosing the Miracle Mobility Freedom Series Platinum 8000 Folding Electric Wheelchair. Miracle Mobility is an industry leader in medical mobility. Your wheelchair is designed to provide years of use. You have taken an essential step in regaining mobility, independence, and freedom.**

**Please read this owner's manual before attempting to operate your Miracle Mobility Freedom Platinum 8000 Folding Electric Wheelchair. The safety and operating instructions will help you to understand the performance and limitations of your new Miracle Mobility Platinum 8000 Folding Electric Wheelchair.**

**Thank you!**

**Miracle Mobility Development Team**



# Chair Specifications

## ITEM DIMENSIONS



***Easily navigate through standard doors and narrow hallways.***

***Folds in less than 5 seconds and fits in the trunk of most small cars.***

Color Options	(Black & Red) (Silver)
Model #	MM-FSP8000-W11 (Black & Red) MM-FSP8000-W1 (Silver)
UPC Code	8-800121-19805-5 (Black & Red) 8-500121-19804-8 (Silver)
Motor Type	Magnetic Brushless DC Motor
Motor Power Rating	250 Watts x 2 (500 Watts Total)
Weight Capacity	396 lbs
Chair Weight w/o Battery	55 lbs
Chair Weight w/Battery	61 lbs
Maximum Speed	3.75 mph
Speed Settings	5 Speeds
Driving Distance	up to 15 miles
Incline Grade Capacity	12 degrees
Battery Type	Lithium Ion Battery
Battery Capacity	24V/12AH/288Wh
Batteries Per Unit	1 Battery
Charge Time	6-8 hours
Joystick Controller	DC24V/2A
Charger	Class 2 24V/2A
Brakes	Intelligent Electromagnetic
Seat Size	18" D x 18" W
Unfolded Dimensions	37" L x 38" H x 25" W
Folded Dimensions	14" L x 30" H x 25" W
Tire Material	Solid Polyurethane & Rubber
Front Tire Size	7"
Rear Tire Size	13"
Frame Construction	Aluminum
Gross Shipping Weight	75 lbs
Carton Dimensions	26" x 32" x 18"
Carton Cube	8.6
Warranty	2 yrs (frame), 2 yrs (motor), 1 yr (parts)
Remote Control	Yes



# Joystick Controller



# Lets Begin

1. Begin by taking out the wheelchair and spare parts from the shipping carton and stand the chair upright.  
(see Image 1)



Image 1

2. Install the joystick controller on the armrest.  
The joystick can be installed on the left or right hand.  
(see Image 2)



Image 2

3. You need to unfold the wheelchair.  
(see Image 3 & 4)

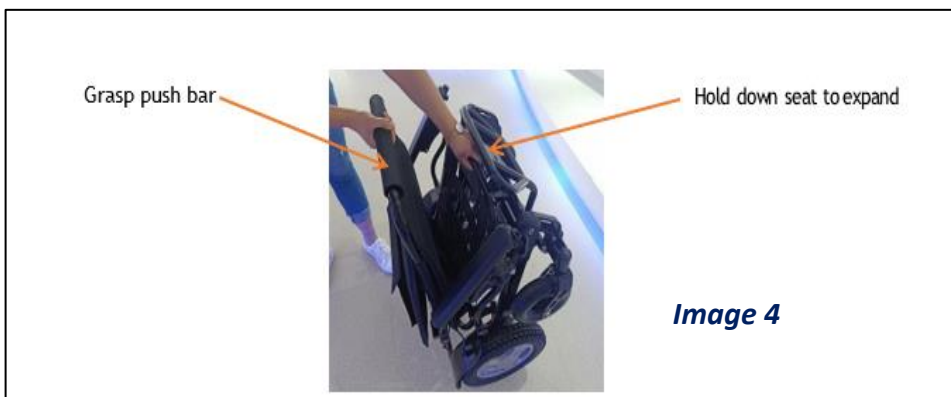


Image 4



Image 3

# Unfolding



4. Grasp one hand on the back push handle tube and the other hand on the foot rest and separate frame (see Image 5) *(note the armrests should be locked and the wheels should be in electric mode)*



(Image 5)

**Note: Always make sure the power is off while folding and unfolding**



# Unfolding

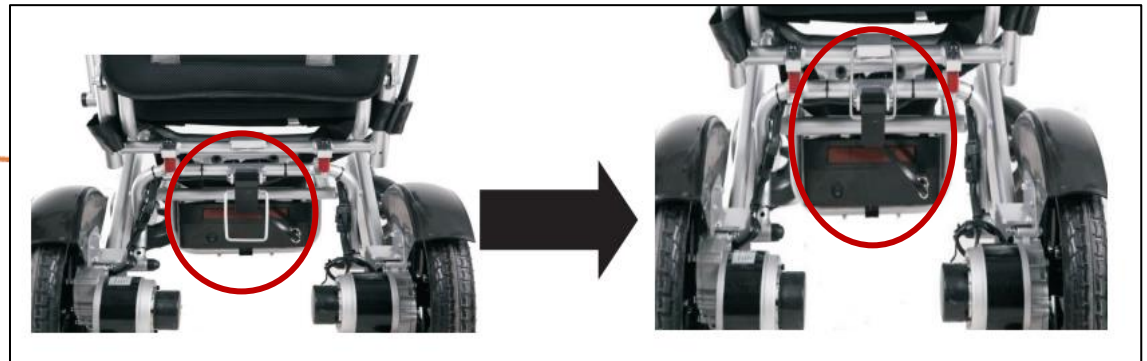
5. Grasp the back push handle with one hand and lock the safety clamp on the back of the chair. (see image 6 & 7)



(Image 6)



**Note: Make sure you secure the safety clamp and lock it in place. Failure to do this could result in the chair collapsing on you causing serious injury.**



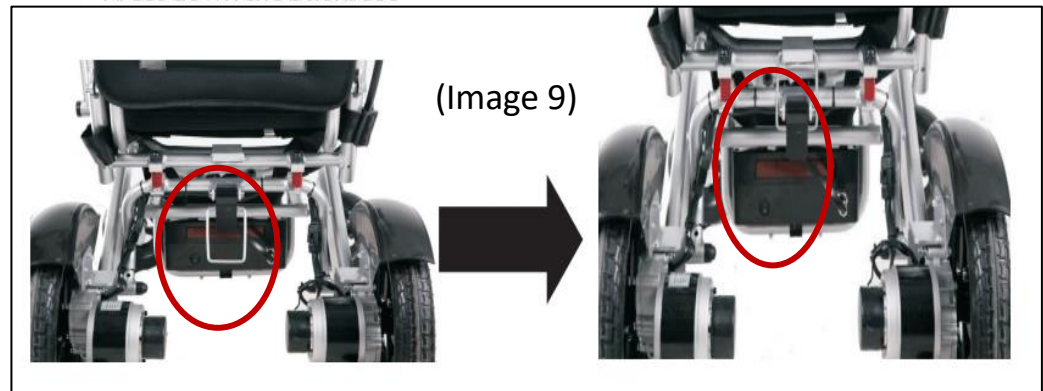
(Image 7)

# Folding

6. Unlatch the safety clamp in the back of the chair by flipping up the safety clamp. (see image 8 & 9)



Press down the backrest



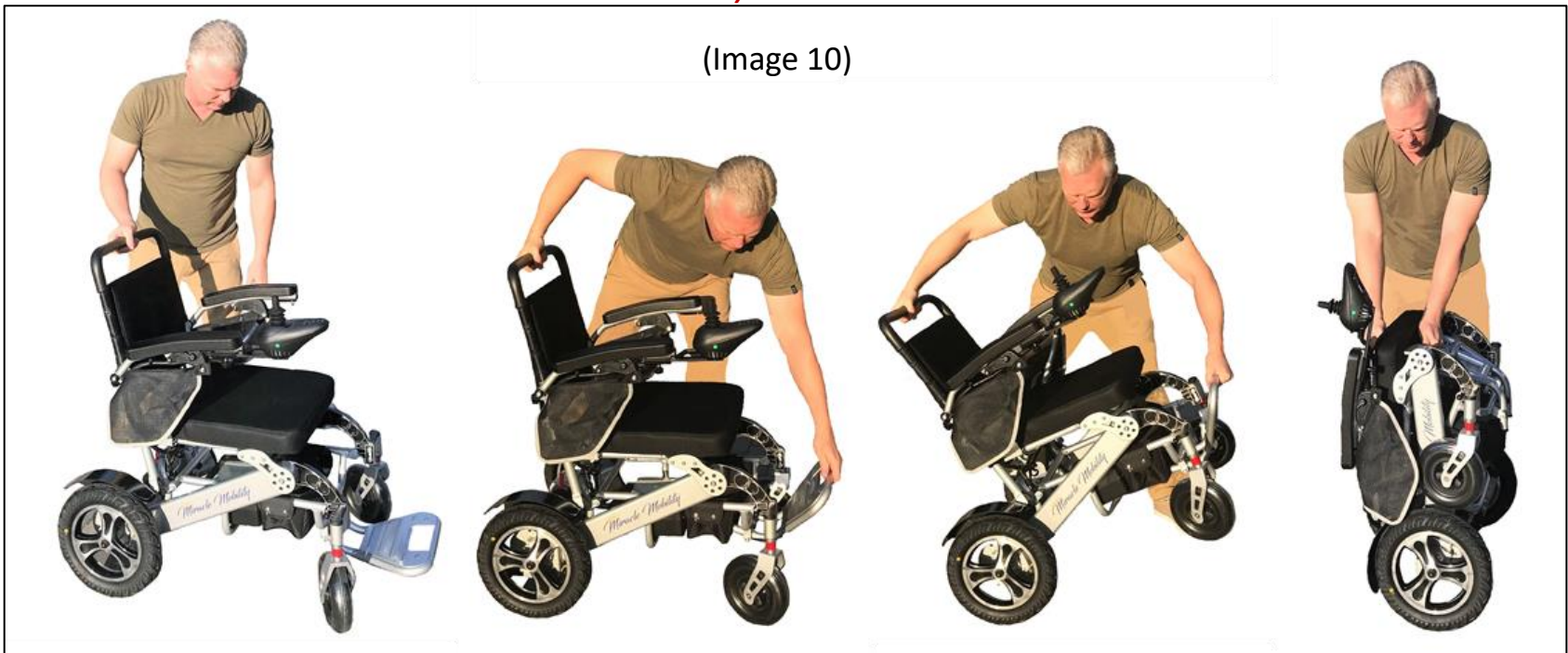
Flip up to unlock frame

# Folding



7. After you have unlocked the safety clamp. Grasp one hand on the back push handle tube and the other hand on the foot rest and pull the frame together while slightly lifting the front of the chair. (see Image 10) *(note the armrests should be locked and the wheels should be in electric mode)*

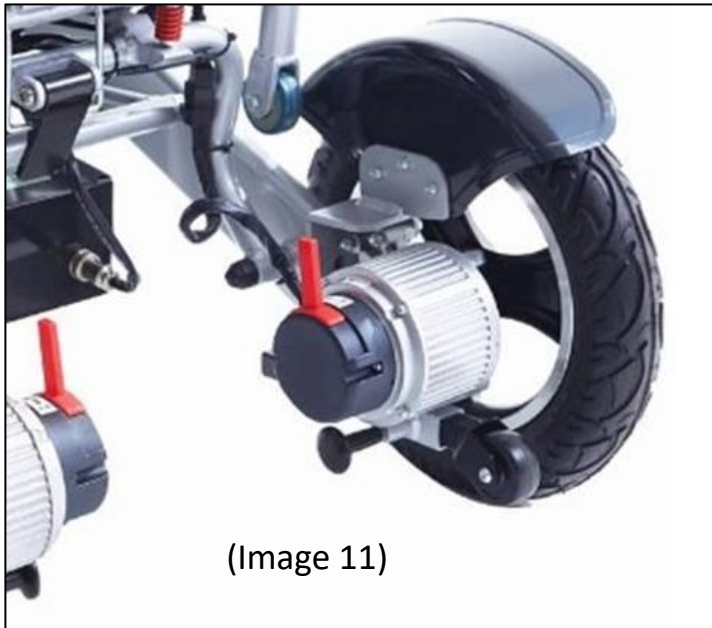
(Image 10)



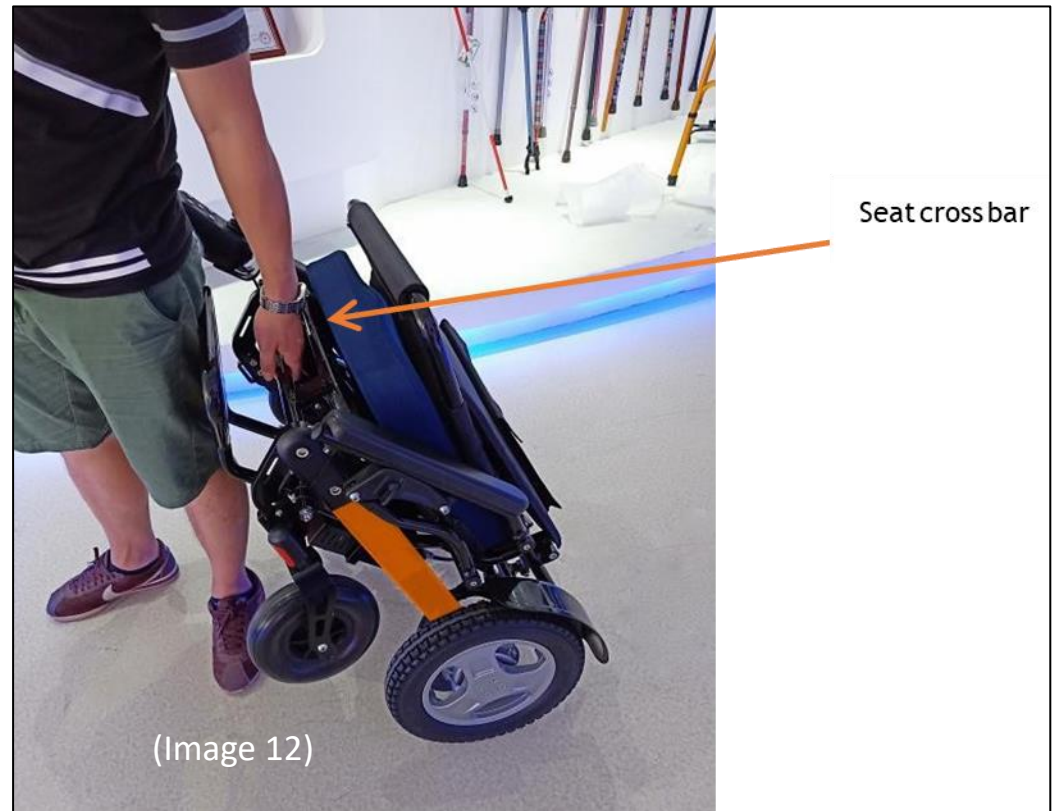
**Note:** Always make sure the power is off while folding and unfolding

# Pulling

8. Switch the back red break levers to manual mode and you can pull the wheelchair using the seat cross bar or leg rest bar. (see image 11 & 12)



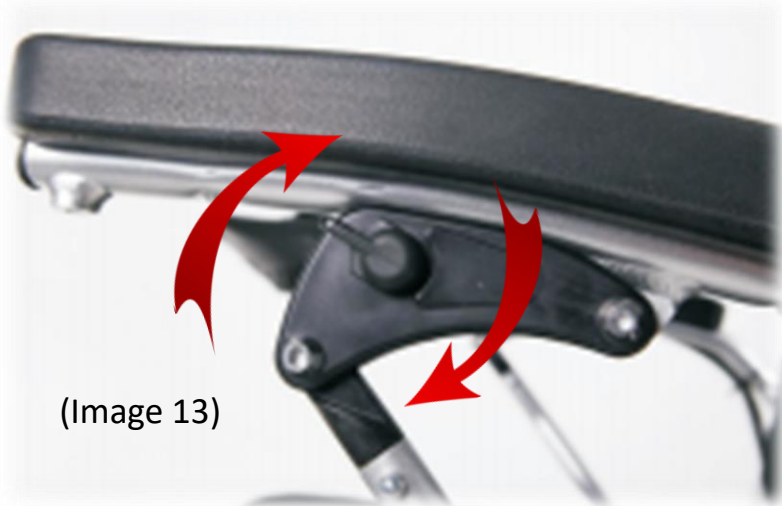
**Note:** Make sure both red levers on the back of the wheels are in manual mode. To allow the wheels to turn while pulling or pushing.



# The Armrest

9. Notice the lever on the outside of each armrest (see image 13)
10. This lever is in the locked position when it is pointing up
11. You will not be able to lift the armrest when the armrest lever is in the locked position
12. Turn the lever down to release the armrest and then pull the armrest up (see image 14)

*Note: We recommend that you lift the armrests to sit on the chair from a 45 degree angle then turn your body to face forward. Once you are in the chair return the armrest to it's natural position and lock it in place.*



# Joystick Controller



(Image 15)

The Joystick is designed to provide all the information you need to safely operate your wheelchair. (see image 15)

The joystick is designed to operate with a zero turn radius (within it's own footprint) and will detect micromovement of the joystick.

To stop the Wheelchair simply let go of the joystick and the chair will come to a controlled stop.

Practice moving the joystick to move forward and in reverse. Also practice making left turns and right turns.

It takes about a week to get use to the joystick operation to become proficient.

# Joystick Controller

- ✓ Practice operation in a safe and controlled environment to learn the operation of your controller along with the speed and the maneuverability of the wheelchair.
- ✓ When turning, reduce your speed, which will help you avoid any potential tilting or tipping of the wheelchair and adjust the speed depending on your environment.
- ✓ To stop, simply let go of the joystick and it will naturally return to the neutral position and bring the chair to a comfortable stop.



(Image 16)

## Caution!



Operate the wheelchair slowly and at an even controlled speeds



Make sure your path is clear of obstacles

# Battery

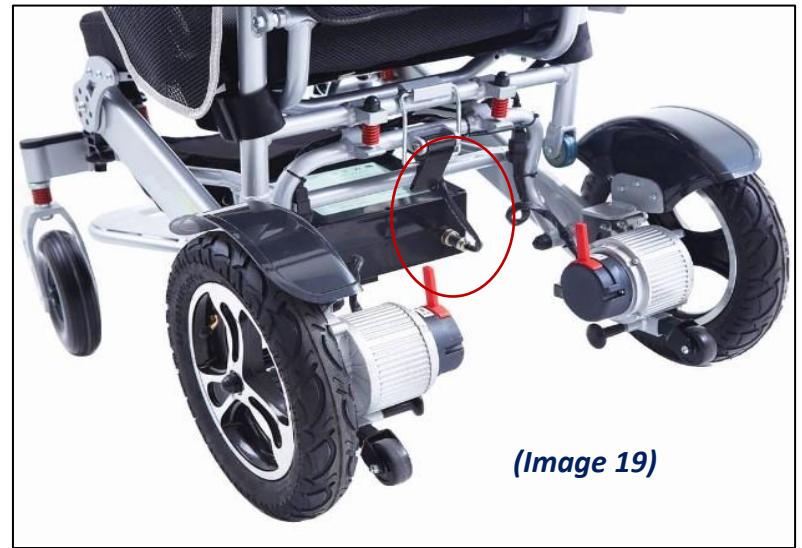
## Charging the Battery

13. Make sure the Battery is installed correctly on the battery rail under the seat and secure the battery connection. (see Image 17 & 19)
14. Charge your battery for 4-6 hours by connecting the charger to the joystick as shown. (see Image 18)



Controller Charge port

(Image 18)





# Charging The Batteries

**Charger Light** (see image 20)

**RED**--battery is full drained

**ORANGE**-- battery is charging

**GREEN**-- battery is fully charged

(Image 20)



15. The Charger is an important part of your wheelchair and provides energy to your wheelchair through a safe, fast, and easy charger.
16. The wheelchair is a maintenance free design however we recommend you check the following:
  - a) Keep the charger and joystick away from moisture and check the battery connections to ensure they are not corroded
  - b) Do not wash your wheelchair but wipe it down with a clean damp cloth
  - c) Storage should be in a clean room with less than 80% humidity and at temperatures between 40 degrees to 100 degrees

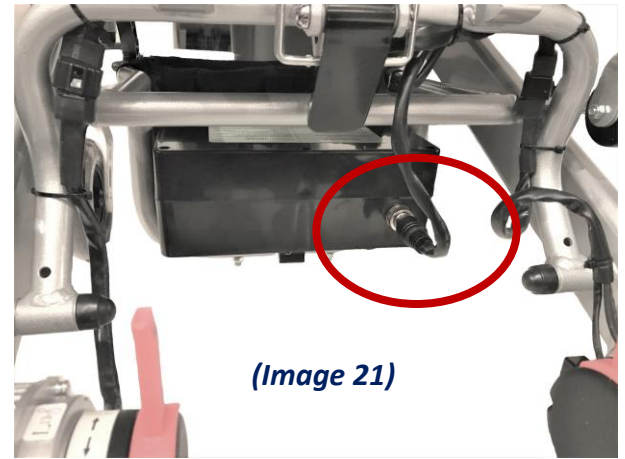
# Battery Information

## Remove the Battery

17. Pull out the Power Plug From the back of the chair.
18. Hold down the locking lever on the bottom of the battery to disengage the battery clamp from the frame.  
(see image 21 & 22)
19. Slide the battery out towards you.

## Important Notes

- ✓ Turn off the wheelchair prior to exiting the chair.
- ✓ Please practice driving the wheelchair in a private and controlled environment and in a smooth controlled manner.
- ✓ Please be aware of local laws regarding operating the wheelchair on public roads.
- ✓ It is recommended to use sidewalks at all times.
- ✓ Always keep the feet on the footrests while driving



(Image 21)



(Image 22)

# Charging The Batteries

20. The electric wheelchair uses a 24V lithium Ion Battery. Your wheelchair will arrive with partially charged batteries. The batteries should allow you to drive for a distance of about 15 miles under normal operation conditions.
21. Turn the power off and plug in the charger to the controller port (see image 23).
22. Allow your wheelchair to charge for 4-6 hours or until the light on the charger turns green
23. We recommend you continue to charge the wheelchair about 1 hour after the light turns green to fully charge the battery.
24. The light on the charger should turn on after plugging in the charger to the wall socket. (see image 24)



(Image 23)

Controller Charge port



(Image 24)

# More Battery Information



Turn the Joystick power off while charging.

Do not leave children unsupervised near the wheelchair while it is charging.

Do not attempt to open the battery unit.

**Red** means the power is on and the unit is charging.

**Green** means the unit is fully charged.

25. When the battery is full charged, remove the cable, remove the DC charging connector from the AC input power socket.
26. The average time taken to re-charge workable batteries will vary from 4 to 6 hours depending on the level of usage
26. Do not charge more than 8 hours.
27. If you do not operate the Wheelchair for two months, we recommend that you charge the battery for 6-8 hours before use.

# More Battery Information

- 28. Over Current Protection:** this added safety system is included on the wheelchair and will shut off the current from the batteries if triggered, thus shutting the motor down, which will ensure that the motor and battery do not experience any damage.
29. The life cycle of a lithium battery is measured in charging cycles with an average of 500 charge cycles.
30. Check the battery indicator light daily if you use the Fold Power Wheelchair frequently.
31. Do not use any battery chargers that have not been certified by Miracle Mobility.
32. If the battery is damaged, do not handle the battery without protective gloves and eyewear.
33. If the battery needs to be disposed of, locate the nearest hazardous materials disposal facility, and call for instructions.
34. Before storing your Wheelchair for an extended periods of time, take these steps to maintain the battery:
- Fully charge the battery before storing.
  - Remove the battery from the wheelchair.
  - Store the battery at a room temperature environment that dry.
  - Avoid temperature extremes and do not allow the battery to freeze.



**Do not attempt to charge your battery if it is frozen from extreme weather conditions, instead first allow it to thaw for several hours.**

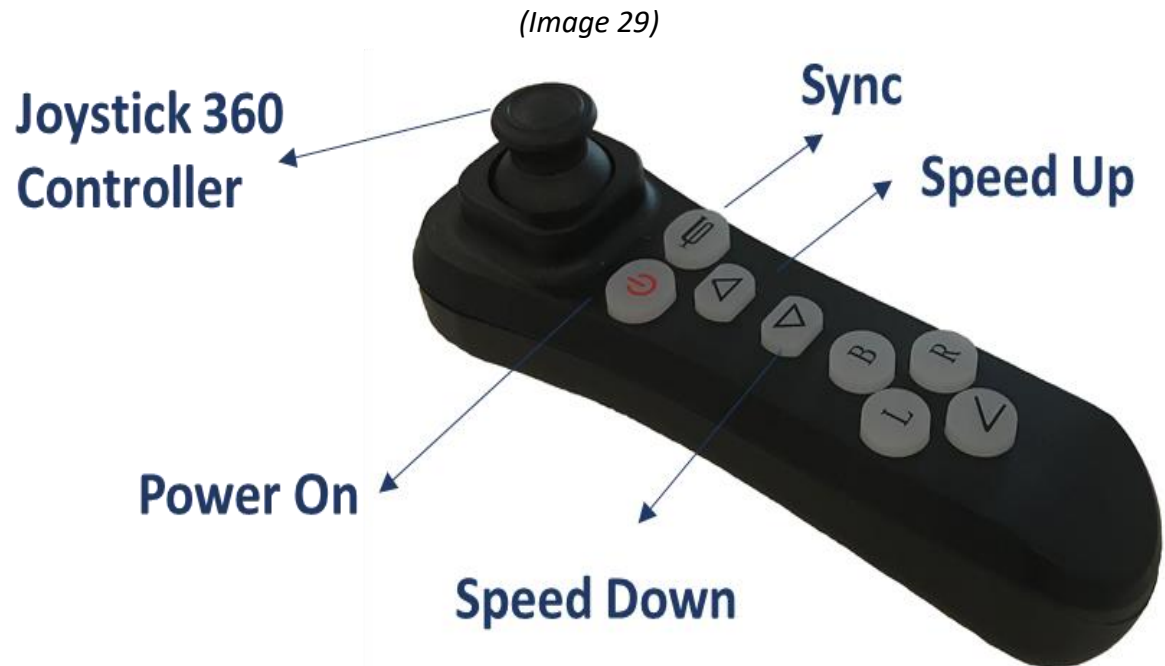
# Remote Control Syncing

35. To syncing the remote control to your wheelchair begin by pressing the power button on the joystick on (see image 25)
36. Press the “minus” (-) button on the joystick at the same time you press the Power button on the remote. (Image 26 & 27)
37. Hold both buttons on for 3-5 seconds for the “pairing” mode to engage. (make sure the remote has batteries installed)
38. If the remote control does not sync with the power button press the Boot Button for 2 seconds to engage the remote syncing (see Image 27)



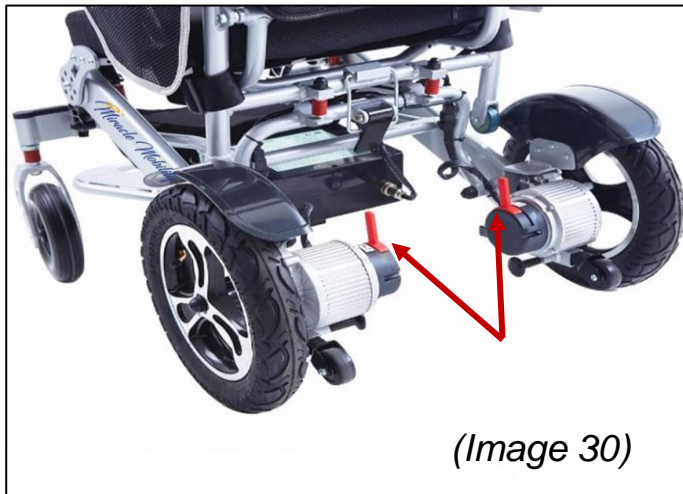
# Remote Control Syncing

39. While simultaneously holding the “-” button and the controller power button, move the remote close to the joystick for pairing. (see image 28)
40. Pairing should only take 4-7 seconds.
41. Once pairing is completed you will be able to remotely control the wheelchair.
42. For a diagram of the remote control (see Image 29)



# Electric Mode vs Manual Mode

43. In order to have a care giver push the power wheelchair, it must be put in manual mode allowing the wheels to move freely. Turn off the power of wheelchair when in manual mode. If the chair is turned on while in manual mode it will beep and not allow you to push the wheelchair. Turn off the power and you will be able to push in Manual Mode.
44. Switching from Electric Mode to Manual Mode can be done by flipping the red brake levers on the back of the wheelchair. (see Image 30 & 31)





# Electric Mode vs Manual Mode

## Troubleshooting

45. If you turn on your wheelchair and it will not move and it beeps off and on with flashing lights off and on it means your chair is in manual mode vs electric mode. (see image 32 & 33)

- Turn the chair off
- Switch the red brake levers to electric mode
- Turn the chair back on
- The beeping should stop and the chair should function properly.



(Image 32)



(Image 33)

# Electric Mode vs Manual Mode

## Troubleshooting

46. If the wheelchair joystick is turned off, and the red levers are in electric mode, the wheels will not turn manually. You will not be able to push the wheelchair if the wheels are locked in electric mode with the joystick off.
47. Pull the red levers back towards you to Manual Mode with the joystick turned off and the wheels will turn freely allowing you to push the wheelchair. (See image 34)



*(Image 34)*



# Basic Operation

**Before operating your wheelchair, be sure to read all safety information and precautions included in this manual. Operate only in an appropriate environment.**

<b>GET ON</b>	Be certain that the power is <b>OFF</b> before sitting in the seat of Freedom Gold XL Wheelchair. There should be no light on the controller. Ensure the foot rest is down before getting on the wheelchair.
<b>POWER ON</b>	Press the power button, you will hear a beep and a light will indicate that the power is on.
<b>TURING &amp;STEERING</b>	Use the joystick style controller to steer left or right, forward and reverse.
<b>STOPPING</b>	Simply remove your hand from the joystick to stop.
<b>POWER OFF</b>	When stopping, it is advised that you power <b>OFF</b> the wheelchair to prevent accidents. Press the power button to turn off the wheelchair.
<b>GET OUT</b>	Make sure there is no lights on the controller before getting off the wheelchair.



**Practice in an open space before operating. Find an open area such as a park and have an assistant to help you practice until you can operate this vehicle skilled.**



**Always make sure that the power is off before getting on or off the seat.**



**Set the speed control button according to you driving to proper speed you need. We recommend you keep the speed sat the lowest shift setting until you are familiar with the driving characteristic of the vehicle.**

# Safety Precautions



## Please Do Not

- ✓ Do not operate in water
- ✓ Do not operate on stairs or escalators
- ✓ Do not operation while on a moving vehicle such as a bus
- ✓ Do not lean your body to reach out of the wheelchair causing the chair to tip
- ✓ Do not exceed the weight capacity of 396 lbs
- ✓ Do not expose the battery to extreme temperatures
- ✓ Do not carry additional passengers
- ✓ Do not drive parallel with a slope
- ✓ Do not attempt to climb slopes greater than 12 degrees

## Please Do

- ✓ Please turn off the wheelchair prior to exiting the chair
- ✓ Please practice driving the wheelchair in a private and controlled environment and in a smooth controlled manner
- ✓ Please be aware of local laws regarding operating the wheelchair on public roads.
- ✓ It is recommended sidewalk are used at all times
- ✓ Please note modifying the wheelchair may void all warranties
- ✓ Always keep the feet on the footrests while driving
- ✓ Do come to a complete stop before turning off the joystick. Turning off joystick while in operation can cause damage to the joystick controller

# Safety Precautions

## Always

- ✓ Always engage the slowest speed setting when going down hill
- ✓ Always use the safety belt
- ✓ Always keep your feet on the foot rest
- ✓ Always make sure the batteries are fully charged before setting out on a journey
- ✓ Always charge the power wheelchair in well ventilated areas to prevent possible risk
- ✓ Always check to make sure there are no obstacles behind you when backing up
- ✓ Always keep speed at the slowest setting in reverse
- ✓ Always avoid irregular shaking or emergency turning
- ✓ Always drive at a safety and predictable manner
- ✓ Always keep your arms on the armrests and feet on foot rest
- ✓ Always use a slow speed when going downhill
- ✓ Always extend the Anti-Tipping Wheels for extra safety (see Image 35)



(Image 35)

# Safety Precautions



## General Safety:

- ✓ Adjust the wheelchair to your personal comfort level as much as possible.
- ✓ Take your time to learn how the Wheelchair operates in a safe and private setting. This should be done before you begin operating around others.
- ✓ Practice bending, reaching and transferring in and out of the wheelchair.
- ✓ Always be aware of your surroundings.
- ✓ If you are not sure if the Wheelchair cannot safely clear an obstacle, try to find another way around.
- ✓ The Wheelchair is designed for a single user only; more than one user may result in personal injury to you and others.
- ✓ Make sure all electronic components (control panel, battery charger, and other electronic controlled components) avoid moisture. If these components come into contact with moisture, dry before use.
- ✓ The Wheelchair seat is designed for comfort, not specifically for pressure relief; if you suffer from pressure sores, or if you are at risk of possible occurrence, please consult your doctor.

# Safety Precautions

## Before using your Platinum 8000 Wheelchair

- ✓ Make sure the Wheelchair is operating smoothly.
- ✓ Check for any unusual noises, vibration, or a change in the ease of use; if you detect a problem, use the tool kit to perform maintenance or get in touch with your service professional.
- ✓ Failing to maintain your Wheelchair could increase the risk for injury.
- ✓ Please contact Miracle Mobility so that we can help you find and correct any problem.

## Getting onto (Boarding) the Platinum 8000 Wheelchair

- ✓ **Before sitting, make sure the power is OFF.**
- ✓ If you accidentally touch the joystick with power on while boarding **the wheelchair will move**
- ✓ Make sure the footrest is down.
- ✓ Once on board, make sure your feet are safely on the footrest.

## Exiting from (getting off of ) the Platinum 8000 Wheelchair

- ✓ Make sure to bring the Freedom Gold Wheelchair to a complete stop.
- ✓ **Turn off the power to the wheelchair** to avoid touching the joystick and moving the wheelchair.
- ✓ Raise the armrest so that you can conveniently exit the wheelchair.
- ✓ Carefully and safely slide towards the armrest and stand off of the seat.
- ✓ Do Not exit from the front of the wheelchair. Only exit from the side.



# Safety Precautions



## **Do not exceed the weight capacity or the warranty will be voided**

- ✓ Never exceed a total weight of 396 lbs total for the rider plus items carried.
- ✓ Exceeding the weight limited is likely to damage the seat, frame or fasteners and may cause severe injury to you or others.

## **When transporting the Platinum 8000 Wheelchair**

- ✓ Never sit in the Wheelchair while in a moving vehicle; an accident or sudden stop may cause you to be thrown from the electric wheelchair.
- ✓ Never transport the Wheelchair in the front of seat of a vehicle where it may shift and interfere with the driver.
- ✓ Always secure the Wheelchair so that it cannot roll or shift when being transported in a vehicle.
- ✓ The Wheelchair is NOT approved to be used with any tie down system, which is generally used to transport a seated user in a powered wheelchair in a motor vehicle.

## **Driving the Platinum 8000 Wheelchair**

- ✓ Be alert to the danger of motor vehicles on roads or in parking lots.
- ✓ At night or when it is hard to see, use reflective tape on your Wheelchair.
- ✓ The wheelchair is designed for use on firm even surface such as concrete, asphalt or indoor floor.
- ✓ Do not operate the Wheelchair in sand, loose soil or over rough terrain, which could damage wheels, bearings, axles or motors, or loose fasteners.



# Maintenance

- ✓ It is important to perform regular maintenance of your Wheelchair for longevity and warranty eligibility. Even a little cleaning now and again will go a long way to keep your device looking and functioning like new. Certified repair shops with trained professionals who specialize in electric wheelchairs and scooters will be qualified to perform the service and maintenance on your Wheelchair should a technician be required.
- ✓ We recommend you inspect your Wheelchair two or three times per year by
- ✓ **Frame:** Tighten loose screws as necessary using the tool kit included with your Wheelchair.
- ✓ **Wheels:** Make sure they rotate easily. Significant resistance may require new bearings.
- ✓ **Armrest:** Look for excessive wear or if they are loose.
- ✓ Replacement parts and major maintenance issues should be done by a professional.



## Batteries

- ✓ Use batteries that have been supplied by Miracle Mobility; our batteries are special lithium batteries designed specifically for use in the Platinum 8000 Wheelchair.
- ✓ Read all battery instructions before attempting to change or charge batteries.
- ✓ When not in use for extended periods, we recommend you to charge the battery every month to avoid the battery “life” capacity is depleted and then a new battery will be required.

## Fasteners

- ✓ Many of the screws, bolts and nuts on the wheelchair are special high-strength fasteners. Replacing these fasteners with non-approved parts may cause your Wheelchair to result in faulty operation and may cause harm to you or other people.
- ✓ Use fasteners that have been supplied by Miracle Mobility.
- ✓ Using the tools included with your Wheelchair, tighten any fasteners that become loose as soon as possible.

## Change and Adjustments

- ✓ Never use non-Miracle Mobility Wheelchair parts or make changes to your Miracle Mobility Wheelchair unless authorized in writing by representative from our company. Doing so will void the warranty and may create a safety hazard.

# Electromagnetic Interference

Powered vehicles such as the Platinum 8000 Wheelchair may be susceptible to electromagnetic interference, which is interfering electromagnetic energy emitted from sources such as radio station, TV station, amateur (two way) radio transmitters, two-way radios, and cellular phones.

The interference (from radio wave sources) can cause the Platinum 8000 Wheelchair to release its brakes, move by itself, or move in unintended directions.

If your wheelchairs experiences sudden movement due to electromagnetic interference turn off the electric wheelchair power until it is safe to resume use.

It is recommended that you turn off mobile devices to limit the change of electromagnetic interference while driving your wheelchair.



# Warranty

- ✓ The purchaser of this product is entitled to a limited warranty as offered by Miracle Mobility, and its affiliates on the following components and timeframes:
- ✓ Chair frame: 2 years, Motors: 2 years, Controller and CPU system: 1 year, Battery: 1 year
- ✓ Wearable parts not include: Includes tires, seat and back rest, armrests, and support straps are not included in the warranty.
- ✓ This warranty is valid for the replacement of dysfunctional parts only. Any parts under warranty will be replaced and shipped to your door. Any service and labor fees, if applicable, to replace parts under warranty must be paid by the user.
- ✓ Due to its straight forward design, most parts can be easily exchanged by the end user without a professional service tech required. However, it is always recommended you seek professional help for maintenance and service, to make sure the work is done properly.
- ✓ Please note modifying the wheelchair may void all warranties

## The warranty does not cover:

- ✓ Products damaged by user negligence or abuse.
- ✓ Products damaged accidentally or intentionally.
- ✓ Products that have been improperly stored or mishandled.
- ✓ Products that have been improperly operated or have experienced general misuse.
- ✓ Products that have been modified in an unauthorized, unapproved way.
- ✓ Warranty is non-transferable and only valid for the original wheelchair purchaser.

