

↑ EZee Life®

Ezee Fold Power Wheelchair

User Guide

Model # CH4095 – 12" Rear Wheels

Model # CH4096 – 10" Rear Wheels



HPU Medical Wholesale

34 Futurity Gate, Unit 15
Concord, Ontario L4K 1S6



Upon receipt of your wheelchair please verify that all the parts are included, and it is free of shipping damage. If there seems to be damage due to shipping, please contact the shipping company to begin a claim.

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Congratulations on the purchase of your new power wheelchair.

This model has been designed with your practical needs in mind. It is equipped with modern high-tech electronics and special features for a more comfortable ride.

This manual contains important information regarding the safe use of the power wheelchair. Please read it carefully before using the power chair and make sure you understand all the instructions.

1 – Footrest

2 – Battery

3- Charger Port

4 – Joystick Gimbal

5 – Armrest

6 – Push Handle

7 – Rear Wheel

8 – Motors

9 – Front Caster



10 – Motor Clutches

11 – Fold Latch



Quick Reference Guide

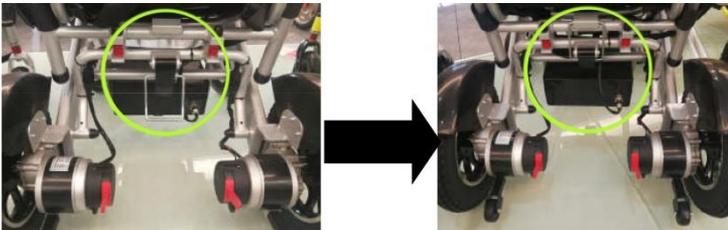
1. Slide controller mount bar into the left or right arm receiver.



2. Unfold chair by grasping the push handle and front seat frame and pull apart.



3. Lock Frame open with fold latch by flipping the wire loop up and securing.



Note: If the loop is too tight to lock and unlock, the tension on it can be lowered by removing the plastic cap from the 2 red suspension springs and tightening the nut underneath a small amount.



4. Lower the armrest and lock in place by turning the locking lever upwards.



Specifications

Seat Width:	46 cm (18.1")
Seat Depth:	42 cm (16.5")
Seat Height:	50 cm (19.7")
Backrest Height:	35 cm (13.8")
Net Weight:	29 kg (63.9 lb.)
Weight Capacity:	136 kg (300 lb.)
Caster:	8' x 2" Solid
Rear Wheel CH4095:	12" Solid
Rear Wheel CH4096:	10" Solid
Battery:	24V/12A Lithium
Max speed:	6 km/h (3.7 lb.)
Max. Climbing Grade:	13 Degrees
Charging period:	6-8 Hours
Range:	25 km (15.5 Miles)
Overall size:	65 x 40 x 79 cm (25.6" x 15.75" x 31.1")





Failure to follow the instructions below may result in damage to the electric wheelchair or serious injury.

Practice Operation

The operation of a power wheelchair can cause damage or injury if not done safely. Please accustom yourself to driving your new wheelchair in open uncrowded places. As your ability improves you'll be able to drive in smaller, busier locations.

Driving

1. Ensure the power is off when sitting or leaving the wheelchair seat.
2. Use slower speeds while learning to drive.
3. Push power button on the joystick to turn on power.
4. Move Joystick gimbal in the direction you want to move.
5. Move Gimbal back to the center position or simply release to stop the wheelchair movement.
6. Practice maneuvers such as turning, backing up, stopping, ramps, doorways, etc.

EMI Warning

The power wheelchair may be affected by electromagnetic interference (EMI), which may cause damage or interruption to the operation of the chair. It is important for you to understand the instructions which can help you take protective measures against the risk of interference.

The sources of electromagnetic waves come from broadcasting stations, TV stations, radio transmitters, two-way radios (such as walkie-talkies), cellular phones and computers. Interference from these electromagnetic waves may cause malfunction or permanent damage to the chair's braking and control system.

By adhering to the following instructions you should be able to reduce the chance of brakes going out of control or the serious damage caused to the electric wheelchair itself.

- 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 immediately to make sure of safety.

(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 the effect on the overall immunity of the powered wheelchair).

(5) Report all incidents of unintended movement or brake release to the powered wheelchair seller, and try to find out that whether there is radio wave source nearby.

If the following occurs, you should immediately turn off the electric wheelchair power supply:

1. Sudden Movement
2. Uncontrolled directional movement
3. Brake Failure

Safety Information

Do not carry passengers.

Do not drive across a slope.

Do not drive inebriated.

Do not tow trailers or be towed.

Do not turn on or use hand-held personal communication devices such as radios or cellular phones.

Do not drive the power wheelchair without reading this instruction manual.

Do not exceed the safe climbing maximum angle.

Do not use the joystick in an erratic manner when on inclines.

Do not exceed the maximum user weight of the power wheelchair.





Do not press the On / Off Button of the controller when the power wheelchair is moving. This will cause damage to the electromagnetic brakes or cause damage to the joystick controller.

Do not drive over deep, soft terrain (soft dirt, loose gravel, or deep snow or long grass).

Do not attempt to climb obstacles above 50mm (2") in height.

Do not disassemble or fold the power wheelchair unless the electromagnetic brakes are engaged and the joystick controller is turned off.

Do not operate the power wheelchair without someone in the seat.

Do not drive the power wheelchair in street traffic except on a sidewalk.

Do not change the driving direction or reverse the chair before the chair fully stops.

Always drive at a slow speed when going down gradients (move the joystick towards the central position)

Always use the seat belt.

Always keep the feet on the footrest while driving.

Always ensure the batteries are fully charged before setting out on a long journey.

Always charge the power wheelchair in a well ventilated area to prevent any possible risk.

If the axle of the wheel becomes loose, replace with the same size and type.

The driver of a power wheelchair must follow all the rules and regulations common to other pedestrians.

Important!

Ensure there are no obstacles and it is safe before driving backwards.

Drive at low speeds in reverse.

Avoid erratic driving in any direction.

Keep arms on armrests while driving.

Do not try to climb curbs more than 5 cm (2") high.

Do Not Attempt to cross a gap in the driving surface more than 10 cm (4") wide.

Driving on Slopes

Driving on a slope is much more dangerous than driving on a level surface. Please note that falling or losing control may happen and cause serious harm to users and others.

Do Not climb slopes that exceed 12°.

Do Not back down a ramp or slope.

Do Not drive across surfaces with a sideways slope of 3° or more.

Do Not drive on slopes with soft surfaces such as sand, loose gravel, snow, etc.

Slow down when driving down hill to better control stopping.





Terminology

Joystick: The component housing the speed control, battery gauge, driving gimbal, charger port, horn, on/off button, acceleration and deceleration button.

Gimbal: The small knob on the joystick to allow the user to control speed and direction of the wheelchair.

Controller: The electronic device that responds to commands from the joystick.

Armrests: Supports for arms during time spent sitting in the power chair.

Footrest: Support for feet during time spent sitting in the power chair

Anti-tip Wheels: Wheels that prevent excessive rearward tipping while driving.

Drive Wheel: Rear wheels that move the power chair.

Caster Wheel: The front wheels.

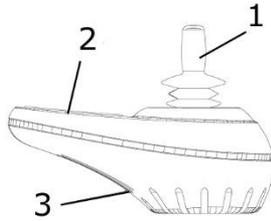
Electrical Set Up

1. Slide joystick mount tube into the receiver on the arm of choice of the wheelchair and set to desired length. The joystick gimbal should be at a comfortable distance from the backpost of the wheelchair so the user does not have to stretch, push their arm out or back to reach it.
2. Tighten the locking nut.
3. Connect electrical cord from the joystick to the cord going beneath the rear of the wheelchair.
4. Plug in the left and right motors and the batteries to the appropriate connectors.

1 Joystick Gimbal

2 Front control panel

3 Charging Port



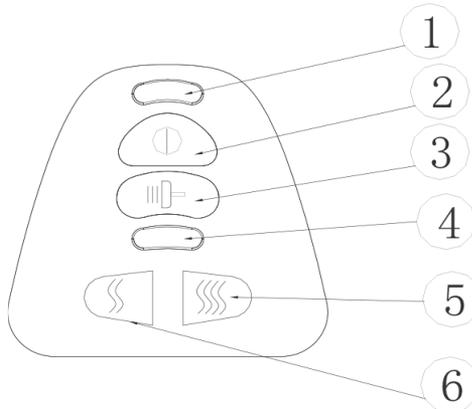
Joystick Information

The joystick is the main component for operating your wheelchair. It is important that it is not bumped or banged for continued safe operation. Damage to the joystick will make your chair difficult to operate or prevent its operation at all.

Avoid storing the joystick in damp or humid areas for long periods of time. If the joystick becomes wet due to rain or drink spillage, dry it as soon as possible.

The joystick can be cleaned by wiping with a damp cloth containing a mild detergent. DO not use abrasives or similar cleansers.

- 1 Battery Gauge
- 2 On/Off Button
- 3 Horn
- 4 Speed Indicator
- 5 Acceleration Button
- 6 Deceleration Button





On / Off Button & Power Display

The on / off button provides power to the electronic systems of the wheelchair. In an emergency situation, you can use the on / off button to stop the wheelchair.

The battery gauge lights up to show the current battery power of the wheelchair.

The indicator light also indicates that the wheelchair is powered on. When the light is off the wheelchair is turned off.

Joystick Gimbal

The main function of the Joystick Gimbal is to control the speed and direction of the wheelchair.

Moving the gimbal forward will move the wheelchair forward; moving it backward will move the wheelchair backward; moving it sideways will cause the wheelchair to turn.

The further the gimbal is moved, the faster the wheelchair will move. If a very light pressure is out on the gimbal and it moves only fraction of it's range the wheelchair will move slowly; if the gimbal is pushed all the way in any direction the wheelchair will move full speed on that direction.

When the Gimbal is released it will go back to center, the wheelchair will stop, and the brakes will engage. Any time the gimbal is off center, the brakes will release automatically.

Speed Display (S1-S5)

This is a speed indicator to show the maximum speed level the wheelchair is set at. S1 means the maximum speed is at its lowest, S5 indicates the maximum speed is at its highest.

Horn

Pressing the horn button will sound the horn.

Acceleration Button

Pressing this button will increase the maximum speed level of the wheelchair which is indicated on the speed display. Each time the button is pressed the speed will increase one level. The chair speed cannot be changed when the wheelchair is moving.

Deceleration Button

Pressing this button will decrease the maximum speed level of the wheelchair which is indicated on the speed display. Each time the button is pressed the speed will decrease one level. The chair speed cannot be changed when the wheelchair is moving.

Note: Setting the speed of the wheelchair low in small, tight or busy areas will ensure the wheelchair does not move too fast and cause an accident. When outdoors in wide open areas the chair speed can be set at the maximum speed as long as the user is capable of controlling it at higher speeds.

Troubleshooting Guide

The Indicator lights and horn will provide clues to the nature of the problem in the event of a malfunction of the wheelchair.

Lights

Light Signal	Wheelchair Symptom	Possible Cause
No LED lights or sounds	The wheelchair will not function	The wheelchair is powered off or the joystick cord is loose
All LED lights on battery gauge are on.	The Wheelchair will work properly.	The wheelchair is powered on and fully charged
Some lights are off on battery gauge	None	Batteries are partially discharged
Only far left battery gauge LED light on.	Very low power	Battery needs immediate recharging of the batteries are defective



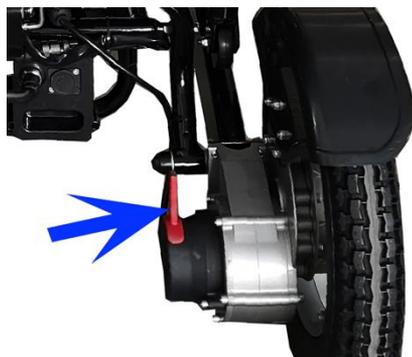
Horn

Horn Signal	Indication	Possible Cause
2 short beeps followed by 2 long beeps	Left motor failure	Loose motor connection. Check connections
2 short beeps followed by 2 long beeps	Right motor failure	Loose motor connection. Check connections
2 short beeps followed by 6 long beeps	Controller has an over-current	Controller problem Contact dealer
2 short beeps followed by 7 long beeps	Joystick Malfunction	Joystick needs resetting, cord broken or connector loose.
2 short beeps followed by 8 long beeps	Controller malfunction	Contact dealer
2 short beeps followed by 9 long beeps	Controller malfunction	Contact dealer

Free Wheeling / Motor Release

The wheelchair has a red lever on each motor that will manually release the automatic brakes so the wheelchair can be pushed when the user is not able to drive it or there is a malfunction. When released the wheelchair cannot be driven with the joystick.

To drive the wheelchair the lever must be returned to the engaged position.



Folding the Wheelchair

- 1) Release the arm locks and lower the arms.



- 2) Loosen the rear frame lock in front of and above the batteries



- 3) Hold the push bar with one hand and the front seat cushion frame with the other hand. Pull both towards each other until your wheelchair is completely folded.



Adjusting Joystick Length

The joystick can be adjusted by loosening the locking nut under the armrest and moving the joystick to the desired position.

The joystick can be mounted on either armrest as needed.



Flipping Back the Armrest

Turn the armrest locking knobs downwards to release the arms and then lift the arms up and back. It is recommended that users who aren't physically able to flip the arms back and forth have the help of a caregiver who is familiar with this action.

Removing the Batteries

- 1) Unplug the power cord
- 2) Hold down the locking catch to release the battery from the frame and pull out the battery compartment.



Battery Information

The batteries supplied with your power wheelchair are 24-volt sealed maintenance free lithium batteries. These are designed for deep discharge and recharge.

Although they may look similar to automotive batteries, they are very different in function and must be replaced with batteries of the same type and specifications as the original.

Battery Care

To maximize the efficiency and life of your batteries it is important that they are taken care of properly.

- 1) Charge the battery fully before its first use. Batteries will only work at about a 90% level until conditioned properly.

- 2) The battery needs to be fully discharged 4 or 5 times and fully recharged before the battery will begin working at its full potential.

Recharge for 8 to 14 hours each discharge and reuse the wheelchair again until discharged.

Note: Be careful not to travel too far from a recharging place when battery charge levels are low to prevent getting stranded without power.

Frequently charged batteries provide reliable performance and long battery life. As much as possible keep your battery fully charged when used regularly. Not keeping the battery fully charged may cause damage to the battery permanently causing unreliable operation and reduced battery life.

If your electric wheelchair is used infrequently, you must charge once every week to ensure battery activity.

If you want to ship your wheelchair, you must contact the shipping company in advance to ensure that the wheelchair meets the special requirements of their transportation.

Maintenance-free Fully enclosed lead-acid batteries are designed for wheelchairs and other mobile vehicles. Overall, maintenance-free, fully enclosed lead-acid batteries are safe, green and environmentally friendly.

We recommend that you contact the public transport department such as aircraft, buses and trains for packaging and shipping requirements.

Dispose of old batteries according to the relevant rules of your locality.





Charger Information

The charger is a very important part of your wheelchair and provides energy to your wheelchair through a safe, fast and easy charger. Do not use charger not designed for your wheelchair. If needed, your wheelchair dealer can supply an appropriate replacement.

Wheelchair Maintenance and Care

Your electric wheelchair is maintenance-free design; however, we recommend you do the following checks on a regular basis:

- 1) Have your dealer or another qualified dealer inspect and adjust your wheelchair as needed.
- 2) Do not store the wheelchair in damp areas. Damp can damage the electrical components.
- 3) Do not use harsh chemicals or abrasives to clean your wheelchair.

Warranty:

EZee Life™ products carry a one-year warranty against manufacturing defects, faulty materials and workmanship.

In the event of a defect covered by this warranty, we will, at our option, repair or replace the item. Please contact your supplier/dealer for assistance should a defect become apparent.

The warranty does not extend to consequential costs resulting from the fault or defect in the product, in particular freight and travel costs, loss of earnings, expenses or other expenses which may occur.

The warranty does not cover normal wear and tear resulting from normal use or damage caused by accident, misuse, negligence or improper installation or assembly.

The vendor/manufacturer will not accept responsibility for any damages or injury caused by misuse, negligence or non-observance of the instructions supplied.

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