

Electric Wheelchair Instruction Manual

DC01



✉ support@vocic.com

INTRODUCTION

Dear Users,

Thank you for choosing the DC01 Power Wheelchair for your portable wheelchair trans- portation needs. It is important to read through this manual before operating your DC01 Power Wheelchair to become familiar with its features as well as its limitations and safety information.

You will find the operation and care of your DC01 Power Wheelchair simple and easy.

Disclaimer: VOCIC and partners cannot be held responsible for personal injury or property damage resulting from the unsafe or improper operation or maintenance of DC01 Power Wheelchair.

As part of our ongoing product improvement initiative, we reserve the right to change specifications and design without notice. As a result, there may be minor differences between your DC01 Power Wheelchair and accessories and the photos, illustration and instruction in this manual.

We strongly believe that the Wheelchair would bring you more convenient and reach the goal of free life to you. If you discover a problem, contact your authorized local Dealer or Distributor for assistance, alternatively direct contact with manufacturer with the following Contact Information.



support@vocic.com

Recommendation

Pay attention to “Warning” in the manual is to protect you from any injury. Unable to follow “Notification” in this manual may result in damage the wheelchair.

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SECURITY GUIDANCE

Security Guidance

- ⚠ The user must perform all of the procedures in this manual.
- ⚠ Do not drive on public highway.
- ⚠ No over cross any gap which is over 100 mm (3.94") in width.
- ⚠ Never try to overpass obstacle which is over 40 mm (1.57") in height.
- ⚠ Wheelchair is suitable for both outdoor and indoor use, hospital, senior center, family or similar circumstances use only.
- ⚠ The suitable environment of using electric wheelchair:
Temperature $-5 \sim +40^{\circ}\text{C}$, Atmospheric Pressure 860 $\sim$ 1060hPa, Humidity 10% $\sim$ 80%.
- ⚠ Power Source Condition:
Charging Voltage AC (100-240)V $\pm$ 10%, 50 $\pm$ 1Hz, Battery Voltage DC 24V(+5%, -10%), Power of Motor $\geq$ 180W environmental conditions that might be harmful to the wheelchair (e.g. inclines greater than 12 degrees, rain, snow, ice, etc.), such as temperature and humidity.
Operate wheelchair after it is under unfolded condition and only allow one person on wheelchair all time.

Weight Limitations

The wheelchair is tested with simulation of human model at 120 kgs (264.55 lb) load capacity. Please refer to the weight capacity table for this limit. Keep in mind that the maximum weight capacity includes the combined weight of the user and any accessories mounted to the wheelchair. Stay within the specified weight capacity of your wheelchair. Exceeding the weight capacity voids your warranty. We will not be held responsible for injuries and property damage resulting from failure to observe weight limitations.

- ⚠ **WARNING ! We are not responsible for any damage and inquiry cause due to over weight.**
- ⚠ **WARNING ! Not to drive on dangerous slopes.**
- ⚠ **WARNING ! Not to drive backwards when going up and down a hill. Max gradient ability is uphill 8°**

SECURITY GUIDANCE

Statement

Indications for use:

It is a motor driven, indoor and outdoor transportation vehicle with the intended use to provide mobility to a disabled or elderly person limited to a seated position.

The wheelchair (Model DC01) has a base with carbon fiber frame, two front wheels, two rear wheels, a seat, an adjustable steering column, a tiller console, an electric motor, an electromagnetic brake, 2 rechargeable Lithium-Ion Batteries with an off-board charger. The movement of the wheelchair is controlled by the rider who operates the throttle lever, speed control dial and handle on the tiller console. The device is installed with an electromagnetic brake that will engage automatically when the wheelchair is not in use and the brake cannot be used manually. The wheelchair only can be operated on the flat road.



Please read the following statement.



Please read this manual carefully and understand everything clearly before using the Electric wheelchair for the first time.



Please do not use the wheelchair in any unclear cases, otherwise, the product may be damaged or people may get hurt. If you have questions, please contact us.



Please pay attention to the warning and cautions in this manual. We are not responsible for any injury and damage caused by wrong use of this product and neglect of the warnings and cautions.



Instructions:



WARNING ! Improper use will cause death or serious injury.



NOTICE ! Improper use will cause damage of wheelchair.



ADVISE ! Comply with the manual to keep wheelchair in good condition



WARNING ! DO NOT make sharp turns at high speed or on inclines or reverse direction abruptly.



WARNING ! DO NOT utilize brake release / freewheeling option on any incline without assistance to control motion.



WARNING ! To avoid danger of suffocation, keep all the plastic bag in the package away from babies and children. Do not use the plastic bag in cribs, beds, carriages or playpens. The plastic bag is not a toy

SPECIFICATIONS

Model	DC01
Material	Carbon Fiber
Unfold Size (L * W * H) (inch)	34.4"×26.2"×36.2"
Fold Size (L * W * H) (inch)	26.2"×11"×28.1"
Loading Capacity	264.5 lb
Motor	180W × 2 pcs brushless motors
Battery	24V 6AH × 2 pcs lithium battery
Max Speed	3.7mph
Driving Range	12.4 miles
Front Wheels	(6.9"×2") PU solid wheels
Rear Wheels	(8.1"×2") PU solid wheels
Climbing Slope	Max 8°
Charging Time	6~8 hours
Armrest Spacing	19.7"
Seat Width	15.7"
Seat Depth	16.1"
Seat Height	Front (18.5") / Back (18.1")
Turning Radius	31.5"
Drive Model	Rear Drive
Braking System	Electromagnetic Brake
Net Weight (Without Battery and Joystick)	46.3 lbs
Net Weight (Finished Product)	52.9 lbs
Gross Weight	66.1 lbs

MAJOR PARTS

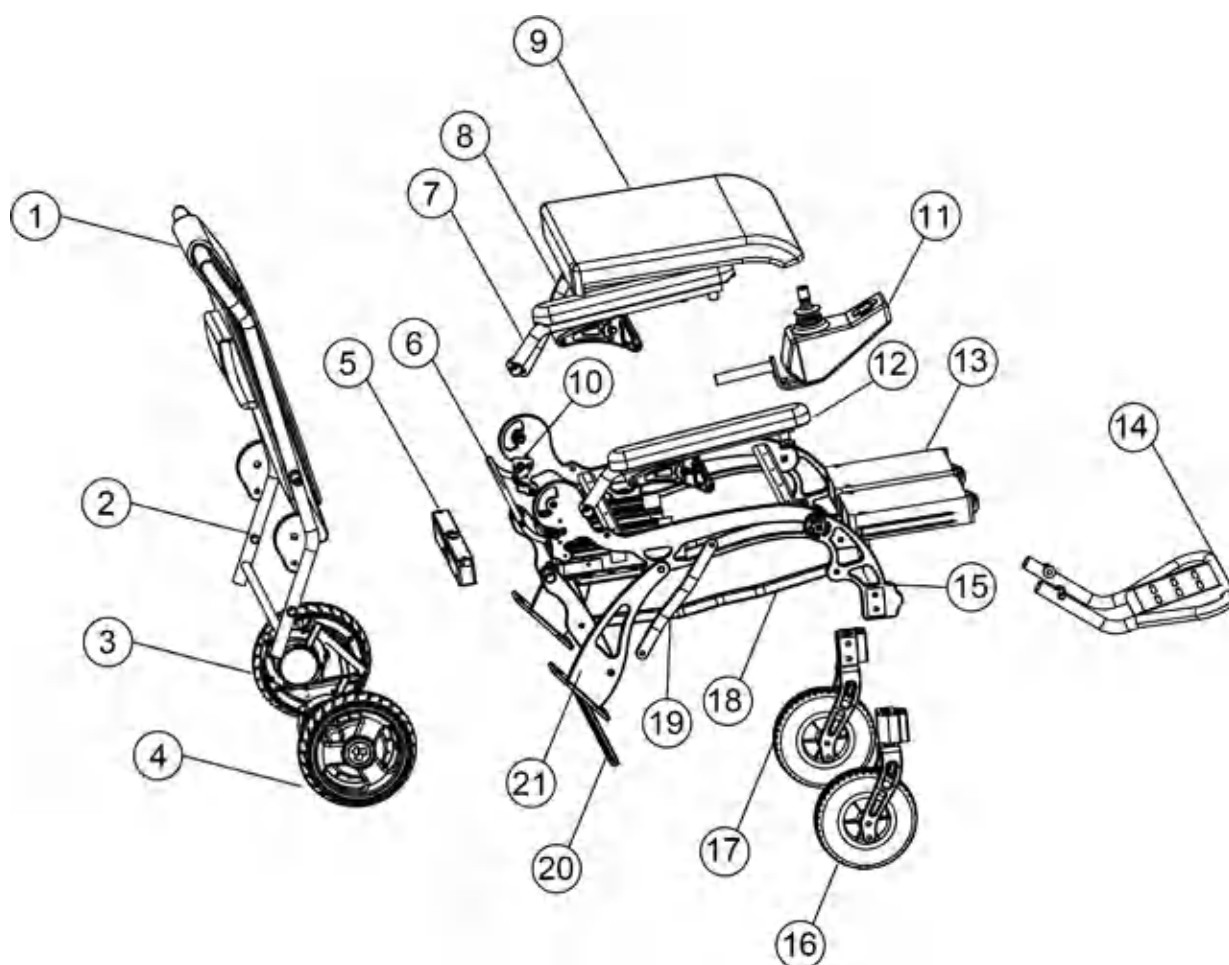


Photo 1. Major parts name

1 Backrest	8 Left Armrest Support	15 Front Fork Assembly
2 Backrest Assembly	9 Seat Cushion	16 Right Front Wheel Assembly
3 Left Motor and Rear Wheel Assembly	10 Locking Hook	17 Left Front Wheel Assembly
4 Right Motor and Rear Wheel Assembly	11 Top Controller Assembly	18 Right Coupling Rod
5 Battery Rear Holding Assembly	12 Right Armrest Assembly	19 Right Armrest Support
6 Push Lever	13 Battery	20 Enforcement Rod
7 Left Armrest Assembly	14 Foot Pedal	21 Motor Fixing Support

SPECIFICATION DIAGRAM



Photo 2. Specification diagram

SAFE OPERATION

This is the most important section of manual; how to safely operate the DC01 Power Wheelchair. Please review this section thoroughly.

General safety

© General safety

- A. Adjust the DC01 Power Wheelchair to your personal comfort level as much as possible.
- B. Take your time to learn how the DC01 Power Wheelchair works in a private space before you begin operating around others.
- C. Practice bending, reaching and transferring in and out of DC01 Power Wheelchair.
- D. Always be aware of your surroundings.
- E. If you are not sure the DC01 Power Wheelchair can surpass an obstacle, try to find another way around.
- F. Make sure that electronic components such as the control panel, battery charge, and other electronic controlled components avoid moisture. If these components encounter moisture, dry before use.
- G. The DC01 Power Wheelchair seat is designed for comfort, not specifically for pressure relief; if you suffer from pressure sores, or if you are at risk that they will occur, please consult your doctor.

Before using your DC01 Power Wheelchair

- (1) Make sure the DC01 Power Wheelchair is operating smoothly.
- (2) Check for any unusual noises, vibration, or a change in the ease of use; if you detect a problem, get in touch with our service department.
- (3) Failing to maintain your DC01 Power Wheelchair could increase the risk of injury.

Getting into the DC01 Power Wheelchair

- (1) Before sitting, make sure the DC01 Power Wheelchair is switched off, this will ensure the DC01 Power Wheelchair will not move upon touching the joystick.
- (2) Make sure the footrest is down.
- (3) Once on board, make sure your feet are safely on the footrest.

Driving the DC01 Power Wheelchair

- (1) Be alert to the danger of motor vehicles on roads or in parking spaces.
- (2) At night or when it is hard to see, use reflective clothing and equipment.
- (3) The DC01 Power Wheelchair is designed for use on firm, even surface such as concrete, asphalt or indoor floor.
- (4) Do not operate the DC01 Power Wheelchair in sand, loose soil or over rough terrain, which could damage wheels, bearings, axles or motors, or loose fasteners.

SAFE OPERATION

Getting out of the DC01 Power Wheelchair

- (1) Make sure to bring the DC01 Power Wheelchair to a complete stop.
- (2) Turn off the DC01 Power Wheelchair to avoid accidentally opening the joystick and moving the wheelchair.
- (3) Raise the armrest so that you can conveniently exit the wheelchair.
- (4) Carefully and safely get out of the seat.

Weight limited-Do not exceed or the warranty will be void

- (1) Never exceed a total weight of 120 kgs (264.5 lb) , total for the rider plus items carried.
- (2) 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 Fold Power Wheelchair DC01

- (1) Never sit in the DC01 Power Wheelchair while in a moving vehicle; an accident or sudden stop may cause you to be thrown from the wheelchair.
- (2) Never transport the DC01 Power Wheelchair in the front seat of a vehicle as it may move and interfere with the driver.
- (3) Always secure the DC01 Power Wheelchair so that it cannot roll or shift when being transported in a vehicle.
- (4) The DC01 Power 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.

PRECAUTIONS

CAUTION: OPERATE SAFELY

- Do not operate the Fold Power Wheelchair DC01 in water of any kind.
- Do not operate the Fold Power Wheelchair DC01 up or down staircase or escalators.
- Do not operate the Fold Power Wheelchair DC01 while on a moving vehicle such as a bus.
- Do not lean your body to reach out of the DC01, causing a balance issue.
- Do not exceed the weight limited total of 120 kgs (264.5 lb) for rider plus any items.
- Do turn off the Fold Power Wheelchair DC01 when exiting the chair for safety.
- Do practice driving the DC01 Portable Electric Wheelchair in a private, enclosed area.
- Please do not drive the wheelchair on public road and make sure have safety belt buckled before operation.

PRECAUTIONS

It is important to perform regular maintenance of your DC01 Power 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 DC01 Power Wheelchair.

We recommend you inspect your Certified repair shops with trained professionals who specialize in electric wheelchairs and scooters will be qualified to perform the service and maintenance on your DC01 Power Wheelchair. Power Wheelchair two or three times per year in the following areas:

- (1) Frame: Tighten loose screws as necessary DC01 Power Wheelchair.
- (2) Wheels: Make sure they rotate easily. Significant resistance may require new bearings.
- (3) Armrest: Look for excessive wear or if they are loose.

Replacement parts and more major maintenance issues should be done by a professional.

Batteries

- (1) Batteries are special lithium batteries designed specifically for use in the DC01 Power Wheelchair.
- (2) Read all battery instructions before attempting to change or charge batteries.
- (3) When you don't use the DC01 Power wheelchair for long periods of time, please charge the battery every month to avoid the battery being damaged.

Fasteners

Many of the screws, bolts and nuts on the DC01 are special high-strength fasteners. Replacing these fasteners with non-approved parts may cause your DC01 Power Wheelchair to result in faulty operation and may cause harm to you or other people, therefore:

- A. Use fasteners that have been supplied by VOCiC.
- B. Using the correct tools, tighten any fasteners that become loose as soon as possible.

Change and Adjustments

Never use non-DC01 Power Wheelchair parts or make changes unless authorized in writing by representative from our company. Doing so will void the warranty and may create a safety hazard.

INSTALL SETUP

Your DC01 Power Wheelchair will arrive carefully packaged in a cardboard box.

1. Open the top of the box then turn the box on the side for easier pulling out the chair and contents.
2. Total components as bellow.



Photo 3. Wheelchair carton content

3. To expand the DC01 Power Wheelchair, grasp the push bar and pull up while holding down on the seat to expand the chair and complete the assembly:



Photo 4. Expand the chair into a seated

INSTALL SETUP

4. Continue to expand the chair into a seated position until you hear a *CLICK* indicating it has locked into the seated position.



Photo 5. Expand the chair into a seated position

5. Locate the seat cushion and back rest cushion provided. Orientate the seat cushion such that rear of the seat and the Velcro on the bottom of the seat cushion aligns with the Velcro on the seat cushion.



Photo 6. Locate the seat cushion

6. Next, place the back rest cushion over the top bar and adhere to Velcro on either side of the back rest tension straps. Be sure the JBH logo and pocket is at the rear and the back rest is placed behind the horizontal back bar of the chair.



Photo 7. Fit on the back rest cushion

INSTALL SETUP

7. Install the controller into the open slot on the arm of the chair, on the right side (if user needed, can change to left side) . tighten knob located under the armrest to secure the controller in place.



Photo 8. Slide joystick controller into armrest



Photo 9. Secure joystick controller knob

8. Connect the controller wire harness to the CPU wire harness. Take care the line up the pins properly as arrow tip indicate, so that they do not get bent, broken or damaged.



Note Make sure connector pins “white arrow” to “white arrow” .

Photo 10. Connect

BATTERY SETUP

1. Hold strip of battery with one hand sliding into one side of battery channel for installation of battery.

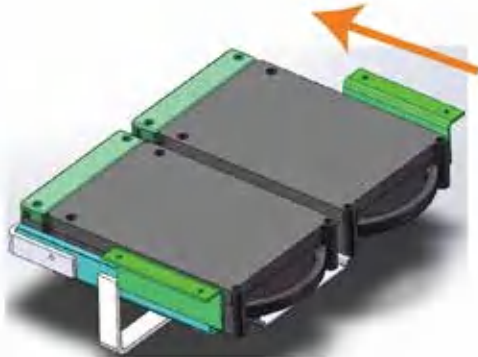


Photo 11. Installing the battery

Note Please keep the charging port side (Panel with warning sticker) of battery face to ground.



Keep this side face down to the ground while inserting battery.

2. Take out battery by holding the strip of battery pulling out by hand.

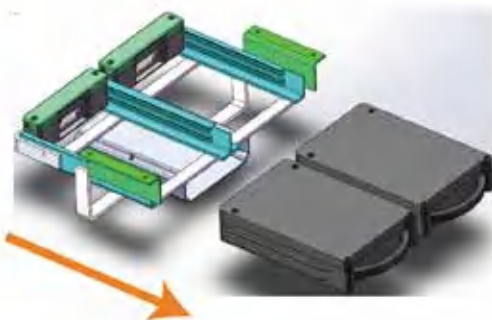


Photo 12. Removing the battery

3. Make sure batteries are slided in the battery holder completely for proper power connection.



FOLDING AND UNFOLDING

- ⚠ Making sure all the attaching parts are fastened properly after any adjustment , repair or maintenance, for avoiding any damage or injury.
- ⚠ The wheelchair with certain weight that requires correct way of lifting up to avoid injury. While it is necessary to lift up for moving the wheelchair, it is strong suggested user get off wheelchair first.
- ⚠ If user have to stay in wheelchair for lifting up and moving at the same time, make sure safety is fully secured. Do not hold attaching part for lifting and moving wheelchair.

Steps for Wheelchair Folding

1. Hold top of backrest frame with one hand, the other hand lift up the locking control rod at the back of back rest for unlocking.
2. Lift up the front of seat by hand for folding.
3. Push top of back rest and front end of seat together.
4. Fold footrest.



Photo 13. Manual fold

Steps for Wheelchair Unfolding

1. Unfold foot pedal first.
2. Hold the top of backrest with one hand, the other hand hold front end of seat.
3. Both hand push away till a "Click" sound heard for completely unfold the wheelchair.



Photo 14. Manual unfold

CONTROLLER

The DC01 Power Wheelchair is equipped with a joystick style controller. Detail functions as shown:



Photo 15. Controller

Controller and Driving Tips

1. Take some time in a safe, controlled environment to learn the operation of controller, the speed and the maneuverability of wheelchair.
2. When turning, reduce your speed, which will help you avoid any potential tilting or tipping of wheelchair.
3. Be sure to adjust the speed depending on your environment.
4. To slow down, slowly bring the joystick back toward the initial position.
5. To stop, just bring the joystick back to the initial position.
6. Use extra care when you drive the DC01 in reverse. You may lose control or fall if one of rear wheels hits an object. When operating in reverse:
 - A. Operate the wheelchair slowly and at an even speed.
 - B. Stop often and check to make sure your path is clear of obstacles.

BASIC OPERATION

Before operating your DC01 Power Wheelchair, be sure to read all safety information and precautions included in this manual. Operate only in the appropriate environment after you have practiced operation the wheelchair and know how to work the controller.

GET IN	Be certain that the power is OFF before sitting in the seat of Fold Power Wheelchair DC01, with no light on the controller, make sure the footrest is down before getting into the wheelchair.
POWER ON	Press the Power button, you will hear a beep and a light will indicate that power is on.
TURING &STEERING	Use the joystick style control to steer and turn left, right or go forward and backward.
STOPPING	Simply remove your hand from the joystick to stop.
POWER OFF	When stopping, it is advised that you power OFF the wheelchair to prevent accidents . Press the power button to turn off the wheelchair.
GET OUT	Make sure there is no light on the controller before getting off the wheelchair.

CHARGING BATTERIES

Your DC01 wheelchair will arrive with full charged batteries, which should last about 20 km under normal operation conditions. We recommend that you run the DC01 PowerWheel- chair until the batteries are completely dead in order to get the most out of the battery life.

First charging method

Charge both batteries at the same time via controller charge port.

1. Turn the power off.
2. Plug in the charger to the controller port (see below), please notice connect the charger cable first, then turn the power on.

CHARGING BATTERIES



Photo 16. Charging port

⚠ Caution

Do not charge continuously over 6 hours through charging port of con- troller to prevent over charging while two batteries are inserted into both sides of frame. Never charge over 3 hours when it is only one battery in either side of frame.

3. Allow your wheelchair to charge for 6 hours full charge or when the light on the char- ger turns green, which means your batteries are full charged.
4. Should you require them, the lights and what they mean are located on the back of the charger.



Definition of what the light



Charger light

Light should come on after plugging in the charger .
GREEN colour indicates fully charged.
RED--battery is charging.

Second Charging Method:

1. Turn off the main power.
2. Flip open the charger port protector on the front of battery.
3. Use the secondary charger pigtail to adapt the battery charger to plug into the battery directly.



Photo 17. Charging

⚠ Caution

Keep charging time of single battery in 3 hours when it comes to off board charging to avoid over charging.

⚠ Caution

Keep charging time of single battery in 3 hours when it comes to off board charging to avoid over charging.

⚠ Caution

No operation of wheelchair allowed while it is in the pro- cess of charging battery. It is required to unplug charger from power source prior to operate wheelchair.Charging cycles is 500 times for single battery life extend.

CHARGING BATTERIES

More information on the Fold Power Wheelchair DC01 batteries...

1. The Fold Power Wheelchair comes with two charged 24V 6AH lithium batteries.
2. Never charge over hours for each battery.
3. Turn the main unit's power off while charging.
4. Do not leave children unsupervised near the power wheelchair while it is charging.
5. Do not attempt to open the battery housing.
6. Red means the power is on and the unit is charging; green means the unit is fully charged.
Note: This information is also located on the back of the charger.
7. When the battery is full charged, remove cable, then take out the DC charging connector and AC input power socket.
8. The average time taken to re-charge workable batteries will vary from 2 to 8 hours depending on the level of usage.
9. Charging Time: 2-3 hours if one battery charging. 6-8 hours if the dual battery on the wheelchair charging through the joystick.
10. Do not charge more than 6 hours.
11. If you do not operate the DC01 for two months, we recommend that you charge the battery for 6-8 hours before use.
12. Over current protection: this 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 and damage.
13. The life cycle of a lithium battery is measured in charging cycles with an average of 500 charge cycles.
14. Check the battery indicator light daily if you use the DC01 Wheelchair frequently.
15. Do not use any battery chargers that have not been certified by VOCIC.
16. If damaged, do not handle the battery without protective gloves and eyewear.
17. If the battery needs to be disposed of, locate the nearest hazardous materials disposal facility, and call them for instructions.
18. Before storing your DC01 Power Wheelchair for long periods of time, take these steps to maintain the battery.
 - a. Full charge the battery before storing.
 - b. Remove the battery from the wheelchair.
 - c. Store the battery in a room temperature environment that is kept dry.
 - d. Avoid temperature extremes and do not allow the battery to freeze.
19. Do not attempt to charge your battery if it is frozen from extreme weather conditions, instead first allow it to thaw for several hours.

FREE WHEEL MODE

In order to have a care giver push the power wheelchair, it must be put in Free Wheel Mode. This mode disengages the drive mechanism to the wheels, making them free to push manually. We recommend that you turn off the power of wheelchair when in this mode, both for safety and to save battery power.

1. To put the DC01 Power Wheelchair in Free Wheel Mode, come to a full stop and turn OFF the power on the controller.
2. Push down on the two red levers located on each rear wheel as shown:

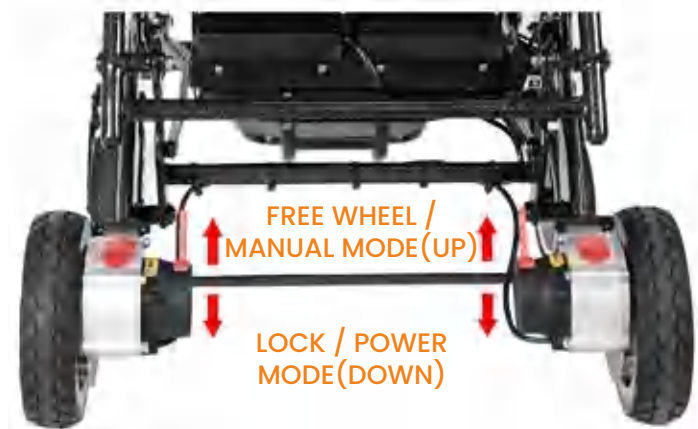


Photo 18. Free wheel

TRANSPORTING DC01

 To transport your DC01 Power Wheelchair, it is advised that you fold it up following the procedures below.

Note Never transport the power wheelchair in a tie up system (electric mode), as the DC01 Power Wheelchair is not compatible with them. Never sit in the wheelchair and be transported in moving vehicle. Do not place the folded power wheelchair in the front seat with driver where it could move and slide.

1. Turn OFF the power from the controller.
2. Remove seat cushion.
3. Press down the backrest and flip the back safety latch up to unlock the frame.

TRANSPORTING DC01

Flip up to unlock frame



Push top backrest to the front

Photo 19. Folding

4. Fold the wheelchair.

5. When folded, the foot rest can be used to move the wheelchair easily.



Photo 20. Transporting

TROUBLE SHOOTING AND MAINTENANCE

The following represents the most common questions asked about the Fold Power Wheelchair DC01 with regard to every day use; check this helpful guide or the operator' s manual for more information if you have a question about using your power wheelchair.

Question	Possible causes	Answer
Why is there No Power to the wheelchair?	1. Controller system power is not connected. 2. Controller system CPU and joystick are not connected. 3. Battery power is too low.	1. Connect the battery. 2. Ensure all connections between joystick, CPU and battery are securely tightened. 3. Charge the battery.
Why is the wheelchair noisy or vibrating when turning?	1. Speed is set too low. 2. Motor is damaged.	1. Raise the speed. At low speeds, the motor may sound or feel strained. 2. Replace the motor.
Why cannot I charge the battery?	1. Charger light does not turn on. 2. Charger light is always green. 3. Charging time is stopped before full charge is complete.	1. Replace the charger. 2. Battery is not connected, or may need to be replaced. 3. Capacity of battery as decrease over time. This is normal.
Why can't I connect the controller?	1. Connector pins (male) on the controller have become bent and misaligned with connector holes (female) on the CPU connector.	1. Using a small tool, carefully straighten the connector pins (male) on the controller to align with holes (female) on the CPU connector.

TROUBLE SHOOTING AND MAINTENANCE

- ⚠ 1. The battery of Power Wheelchair is an extremely important part, the battery life determines the service life of the wheelchair. Try to keep the battery saturated after each use, to develop such a habit, it is recommended to conduct a deep discharge every month! If you don't use a Power Wheelchair for a long time, place it in a place to avoid bumps and pull out the battery to reduce discharge. It is also best not to overload in the process of use, which has direct harm to the battery, so it is not recommended to overload and avoid directly affecting the service life of the battery.



Photo 21. Conduct a deep discharge every month

- ⚠ 2. After the Power Wheelchair is used for a period of time, it is necessary to check the screw loosening of the Power Wheelchair to ensure the connection and operation between the parts and components, and to avoid accidents.



Photo 22. Check the screw loosening

- ⊘ 3. After being wet by Rain Water. Electric walking vehicle should be wiped with dry rag in time, especially the part containing electrical circuit, so that the electric walking vehicle can keep dry and clean.



Photo 23. Wiped with dry rag in time

- ⚠ 4. If the Power Wheelchair is on the beach, gravel or wet road, if there is sand, mud or gravel on the tire, it should be cleaned in time to prevent some parts from rusting or the tire running badly, which will affect the beauty and driving comfort and safety.



Photo 24. Clean in time

TROUBLE SHOOTING AND MAINTENANCE

5. Power Wheelchair should avoid scratching seat leather and PU handrails and plastic ornaments with sharp objects, thus affecting the beauty of the whole vehicle.



Photo 25. Avoid scratching seat leather and PU handrails and plastic ornaments



6. Electric walking vehicle should be placed in a place where the sun can not shine, please avoid sunlight, otherwise it is not only harmful to the battery, but also has a direct impact on the service life of plastic parts and stickers of electric walking vehicles.



Photo 26. Avoid direct sunlight

7. Power Wheelchair are relatively simple to operate, avoid driving by children or adults without experience in Power Wheelchair. Drivers should avoid unnecessary large-scale body movements or sleep on Power Wheelchair, which may lead to accidental danger. In order to avoid this situation, it is best to unplug the power switch key when not in use. It also avoids the risk of theft.



Photo 27. Avoid driving by children or adults without experience

Maintenance tool

Simple tool kit is accompanied with Wheelchair in Wheelchair pack- ing, while dry soft fabric and so on are handy and easy to get in the market are not includ- ed. The period of Maintenance is vary depending on the real use frequency and situation, there is no specific rule.

TROUBLE SHOOTING AND MAINTENANCE

Maintenance Frequency

1. Daily check

Turn off the controller, check the lever, make sure the lever is not bent and broken, and be sure to return to it when you release it. Check the nibber base of the lever for damage. Just check the base and do not repair it. If you have any questions, please contact your dealer.

2. Weekly check

Disconnect the controller connector and charger connector from the battery compartment. Check the connection and for corrosion. If necessary, please contact the dealer.

Make sure that all parts of the controller are tightly connected to the product, do not screw the screws too tightly.

Check the brakes. This inspection must be carried out on a level surface and there must be enough open space around.

Check the brakes:

1. Turn on the controller. After one second, check the battery indicator to make sure the battery is powered.
2. Slowly push the lever forward to guide you to hear the "beep" of the brakes, and immediately release the lever. You must hear the brake operation sound after each lever is pushed for a few seconds:
3. Repeat the operation 3 times to push the controller to the rear, left and right sides for inspection.

3. Monthly check

1. Check the anti-roll wheel for excessive wear and replace the wheel if necessary.
2. Check the wear of the front wheels and drive wheels. If maintenance is required, please contact your dealer.
3. Check the front fork for wear and looseness, which may indicate that adjustment is needed or the bearing needs to be replaced. Please contact the dealer for repair, or replacement.
4. Keep the product clean and do not leave debris, such as food, beverages, residues, etc.

4. Storage

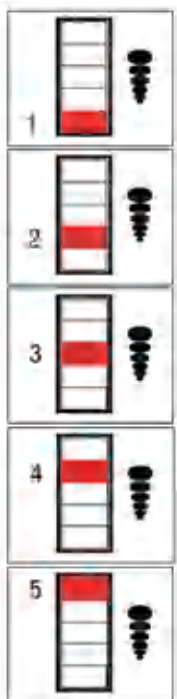
This product should be stored in a cool and dry environment. Do not store it at the extreme temperature. If it cannot be stored under the above conditions, it may cause rusting of the wheelchair, and damage to the electrical system. Storage conditions: temperature: -40 ~ +65 degree C; Relative humidity: W80%; Atmospheric pressure: 86kPa ~ 106kPa.

DIAGNOSTICS

Your controller has an indicator light that, during normal operation, is a steady GREEN. This light also functions as a diagnostic tool by flashing in patterns that indicate problems. It is important to pay attention to these diagnostics in case the power wheelchair must be put out of use for safety reasons until maintenance can be performed.

If the indicator light indicates a fault, turn off the power and then turn on power again. If the fault is not released after turning on power again, the indicator repeats this error message. Please refer to the fault information diagnosis table to help you find possible problems and corresponding solutions.

If the above method still does not help you troubleshoot, please contact your dealer. When communicating with the dealer, provide the specific problems in detail as much as possible.



1 red light flash indicates the pressure of battery is not full.

2 red lights flash indicates no signal of joystick.

3 red lights flash indicates the wheelchair is charging

4 red lights flash indicates moving the joystick when turning on power. Or do not connect the motor wires.

5 red lights flash indicates the brake solenoid is not connected or damaged.



GUIDELINES AND MANUFACTURER'S STATEMENT - ELECTROMAGNETIC EMISSION

Labeling explain for Electromagnetic compatibility

Note !

- DC01 Power Wheelchair meets the electromagnetic compatibility requirements of IEC60601 standards.
- The user shall install and use according to the EMC information provided in the attached documents.
- The portable and mobile RF communication equipment may affect the performance of electric wheelchair and avoid strong electromagnetic interference when using, such as close to mobile phones, microwave ovens, etc.
- The guide and the manufacturer's statement are detailed in the annex.

Warning !

- DC01 Power Wheelchair should not be used close to or stacked with other equipment. If it must be used close to or stacked, it should be observed and verified that it can operate normally under the configuration used.
- In addition to the cables sold by DC01 Power Wheelchair manufacturers as spare parts of internal components, the use of accessories and cables other than those specified may result in increased emission or reduced immunity of DC01 Power Wheelchair.

NO.	Project	Cable length (m)	Whether or not shielded	Remark
1	POWER CORD	1.3	NO	/
2	CHARGER OUTPUT LINE	1.1	NO	/

GUIDELINES AND MANUFACTURER'S STATEMENT - ELECTROMAGNETIC EMISSION

Attachment

Guidelines and manufacturer's statement-Electromagnetic Emission		
DC01 Power Wheelchair is expected to be used in the electromagnetic environment specified below, and the buyer or user of the electric wheelchair vehicle shall ensure that it is used in this electromagnetic environment:		
Launch	Compliance	Electromagnetic environment-Guidelines
IEC60601 RFlaunch	1	DC01 Power Wheelchair only uses RF energy for its internal functions. Therefore, its RF emission is very low and may not cause any interference to the nearby electronic equipment.
IEC60601 RFlaunch	B	DC01 Power Wheelchair is suitable for domestic use and all facilities directly connected to the public low-voltage power supply network for domestic use.
IEC60601 Harmonic emission	A	
IEC60601 Voltage fluctuation/ flicker emission	FIT	

WARRANTY

The purchaser of this product is entitled to a limited warranty as offered by our company, and its affiliates on the following components and time frames:

※ Chair frame: 3 years ※ Motors: 1 year

※ Controller and CPU system: 1 year

※ Battery: 6 months

※ Wear parts: 3 months

Includes tires, seat and back rest, armrests, and support straps.

This warranty is valid from the date of exfactory and valid for the replacement of disfunctional 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 down properly.

The warranty does not cover:

1. Products damaged by user negligence.
2. products damaged accidentally.
3. Products damaged intentionally.
4. Products that have been subjected to negligence.
5. Products that have been subjected to abuse.
6. Products that have been improperly stored.
7. Products that have been improperly handled.
8. Products that have been improperly operated.
9. Products that have experienced general misuse.
10. Products that have been modified in an unauthorized, unapproved way.

Warranty is non-transferable and only valid for the original wheelchair purchaser.



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If you have any questions, please contact us:

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