

User's Manual



DC02



JBH[®]

INTRODUCTION

Dear Users,

Thank you for choosing the DC02 Power Wheelchair for your portable wheelchair transportation needs. It is important to read through this manual before operating your DC02 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 DC02 Power Wheelchair simple and easy.

Disclaimer: JBH and partners cannot be held responsible for personal injury or property damage resulting from the unsafe or improper operation or maintenance of DC02 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 DC02 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.



ANHUI JBH MEDICAL APPARATUS COMPANY LIMITED

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www.jbhmedical.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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SYMBOL DEFINITION

	Warning Beware of potential hazard		Attention, see instruction for use
	Refer to instructions for use - Mandatory Failure to read the instruc- tions for use could intro- duce a hazard		Refer to instructions for use - Recommended Failure to read the instruc- tions for use could intro- duce a hazard
	Manufacturer		Product fulfill WEEE directive
	Date of manufacture		Serial number
	Batch number		Type BF applied part
	Use until year & month (Expiration date)		Type B applied part
	Water proof grade		CE mark
	UKCA mark		Medical device
	=Radio frequency fields beyond this point may exceed FCC general public exposure limit		Importer
	Don' t use when packing damaged		Humidity limitation
	Temperature limitation		Store in clean & dry place protected from rain, snow, ice, salt and water.
	Avoid contacting with rain, snow, ice, salt and keep- ing in water, keep under clean and dry ambience.		Protect from heat and radioactive sources

	Danger of explosion		Package Number
	Keep dry		Foot Switch
	Equipotential		CF application part
	Switch		Fuse
	PCTB		Volume control
	Disposal and recycling only authorized recycling companies can recycle parts of this mobility wheelchair		Do use cel phone, remote speakers, note book computer or other wireless ejecting device while operating the unit.
	Do not adapt battery which is with different capacity and wrong model number. Never combine use long time used battery with new battery at the same time, always change batteries in brand new condition.		Implication of flammable material. Do not expose under fire, fire sparkles and other heat sources conditions. Never transport batteries along with torch easy explosive items or flammable materials.
	Keep away other metal related items or tools away from the negative and positive terminal end to avoid any short cut or electricity shock from happening.		Type 2 device
	Easy to be crashed, crashing spot		The product has passed electromagnetic test of 20 V/M.
	With potential explosion		Battery contains anti-corrosion chemical substance.
Power	100~240VAC, 50~60 Hz	Frequency	500VA
DC output	+29.4V  2.0A		

SECURITY GUIDANCE



1. The user must perform all of the procedures in this manual.
2. This product is suitable for users with age between 18 to 75 years old.
3. Do not drive on public highway.
4. No over cross any gap which is over 100 mm (3.94") in width.
5. Never try to overpass obstacle which is over 40 mm (1.57") in height.
6. Wheelchair is suitable for both outdoor and indoor use, hospital, senior center, family or similar circumstances use only.
7. The suitable environment of using electric wheelchair:
Temperature -10 ~ +50°C, Atmospheric Pressure 860 ~ 1060hPa, Humidity 10% ~ 93%.
8. Power Source Condition:
Charging Voltage AC (100-240)V ± 10%, 50 ± 1Hz, Battery Voltage DC 24V(+5%, -10%), Power of Motor ≥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.
9. Operate wheelchair after it is under unfolded condition and only allow one person on wheelchair all time.

Weight limitations

1. The wheelchair is tested with simulation of human model at 140 kgs (308.7 lb) load capacity.
2. Your wheelchair is rated for a maximum weight capacity. Please refer to the product specifications 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/or 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 grad ability is uphill 8°.


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 DC02) 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.



- 
1. Please read the following statement.
 2. Please read this manual carefully and understand everything clearly before using the Electric wheelchair for the first time.

- 
1. 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.
 2. 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

- 
1. Improper use will cause death or serious injury.
 2. Improper use will cause damage of wheelchair.
 3. Comply with the manual to keep wheelchair in good condition.
 4. DO NOT make sharp turns at high speed or on inclines or reverse direction abruptly.
 5. DO NOT utilize brake release / freewheeling option on any incline without assistance to control motion.
 6. 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.

PRODUCT FEATURES

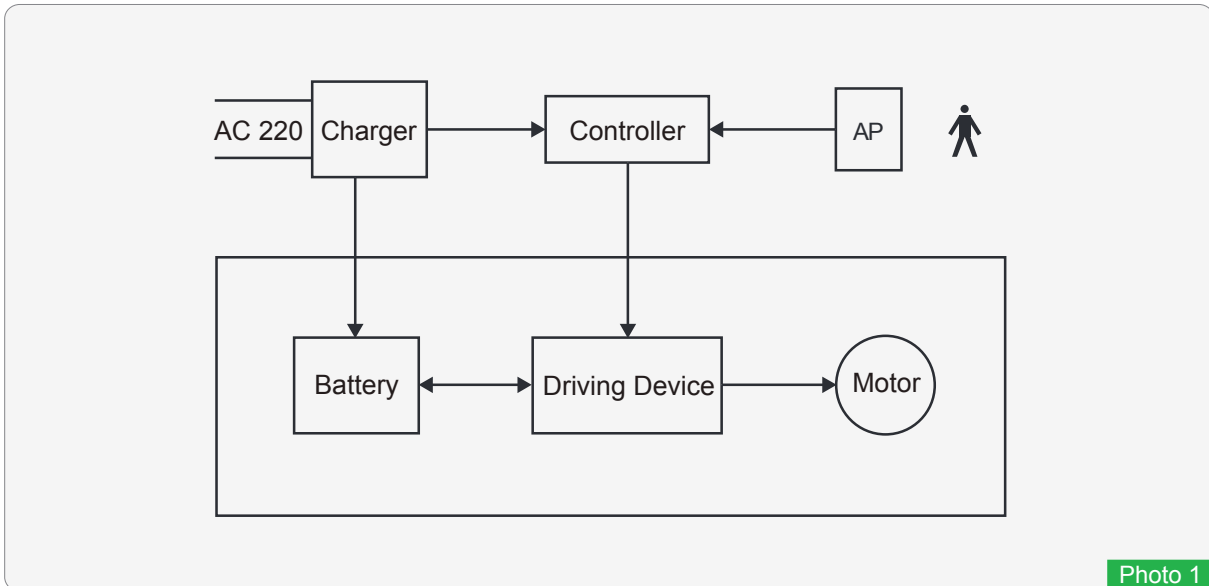


Photo 1

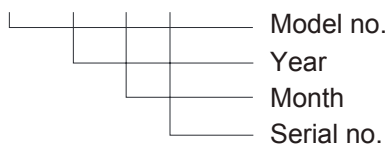
Product features

1. Based on Electric Sshock Proof Classification: Classified as internal power type device during operation, it is type 2 device while it comes to charging.
2. Based on classification of Electric Shock Proof: It belongs to B type applicable section.
3. Based on classification of liquidity proof: IPX 4
4. Based on the the safety classification of using combustibile anesthetic gas mixed with air, Oxigen, or flammable anesthetic gas mixed with nitrous oxide: Not AP/APG type.
5. Classification of running mode: Continuously-running mode.
6. Rated Voltage and Frequency: Internal power DC 24, Charger AC 220 V / 50 Hz.
7. There is no applicable protection of defibrillation discharge effect.
8. There is no signal input .
9. The product is not belong to eternal installation.
10. For electrical insulation diagram, please refer to photo 1.

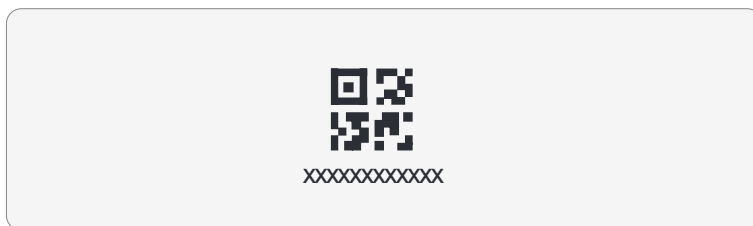
PRODUCT RELATED EXPLANATION

【Contraindications】 Intended user, with visual weakness, intellectual impairment or neck disease, who is unable to observe environment on the back, should be operated by others. Anyone with paraplegia below the chest, osteoporosis or hypochondriasis is prohibited to use the product.

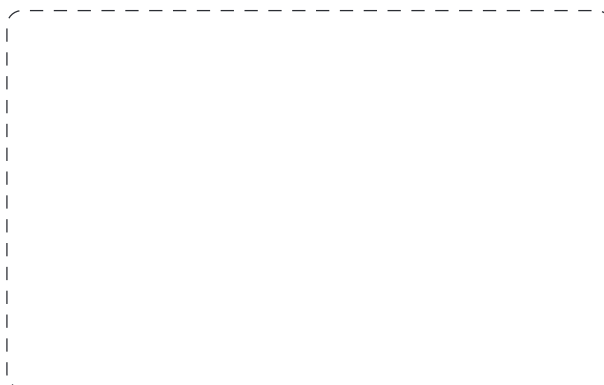
【Frame No.】 DC02-2018-05-001



【Eternal Identification Mark】 Please refer to QR code on frame



【 Label of the Wheelchair 】



SPECIFICATIONS

Model	DC02
Material	Carbon Fiber
Unfold Size (L * W * H) (mm/inch)	955 × 600 × 965 mm (37.6"×23.6"×38")
Fold Size (L * W * H) (mm/inch)	600 × 320 × 760 mm (23.6"×12.6"×29.9")
Loading Capacity	140 kgs (308.7 lb)
Motor	180W × 2 pcs brushless motors
Battery	24V 6AH × 2 pcs lithium battery
Max Speed	6 km/h (3.7mph)
Driving Range	25 km (15.5 miles)
Front Wheels	175×50 mm (6.9"×2") PU solid wheels
Rear Wheels	200×50 mm (7.9"×2") PU solid wheels
Climbing Slope	Max 8°
Charging Time	6~8 hours
Armrest Spacing	490 mm (19.3")
Seat Width	400 mm (15.7")
Seat Depth	400 mm (15.7")
Seat Height	Front 500 mm (19.7") / Back 480 mm (18.9")
Turning Radius	700 mm (27.6")
Drive Model	Rear Drive
Braking System	Electromagnetic Brake
Net Weight (Without Battery and Joystick)	14.5 kgs (32.3 lb)
Net Weight (Finished Product)	19 kgs (40.9 lb)
Gross Weight (with export packing)	24.5 kgs (54 lb)

MAJOR PARTS




- | | |
|------------------------------|--------------------------------|
| 1 Back cushion | 11 Front wheel assembly(left) |
| 2 Backrest frame | 12 Front wheel assembly(right) |
| 3 Brushless motor (right) | 13 Foot pedal |
| 4 Brushless motor (left) | 14 Front wheel support frame |
| 5 Backrest supporting frame | 15 Lithium ion battery set |
| 6 Turnover-proof wheel frame | 16 Top controller |
| 7 Lower controller | 17 Seat cushion frame |
| 8 Battery pipe rack (left) | 18 Seat |
| 9 Battery pipe rack (right) | 19 Armrest (right) |
| 10 Lower support frame | 20 Armrest (left) |

SPECIFICATION DIAGRAM



SAFE USE GUIDELINE

For users

-  Keep metal objects away from positive and negative terminals of battery to avoid electric shock and circuit short cut.
- 1. Carefully read through the instructions, or receiving training and guided by professional technician or nursing staff who is familiar with the product.
- 2. Always have full understanding and feel of electric wheelchair prior to start up and operate the wheelchair.
- 3. Always with help by nurse to practice forwarding, backwarding, obstacle overcoming and so on, until familiar the operations independently, proficiently and safely.
- 4. Make sure fully aware of safety if you would like to try a new action.
- 5. Have a full realization of the area where you would like go with electric wheelchair, keep away from hazards.

For caregivers

1. The power switch must be turned off and the freewheel mode lever on left and right motor is switched to manual mode before pushing the wheelchair by hand, once the levers are switched to manual mode that motors do not work.
2. From behind to push backrest frame while choosing manual push the electric wheelchair. It is safer and it keeps reliable force point to prevent wheelchair from overturning. Make sure the folding and unfolding buckle is securely locked.
3. Keep cooperating with user all time, particularly prior to each action inform user your intention and clearly give your reasons.
4. To protect the back of user from injury while passing through obstacle, user should have kept with right dynamic body posture. Bend your knees slightly in order to keep your back upright.
5. Remind user of leaning body against backrest while you are about to lift up the back of electric wheelchair.
6. Never directly go up and down stairs or stages, there is potential danger of falling off or roll over when turning a corner, climbing up and down.
7. Do not go uphill or downhill under manual mode condition of electric wheelchair that could lead to the risk of slipping.

Precautions on controller

Note: Adjust the installed position of joystick controller (as photo 2) to protect from any risk of bump or falling down.

1. Inspect and adjust the installation of joystick every six months, as often as it is necessary.
2. Contact with your local dealer or distributor if the control panel of joystick controller abnormal and its operational malfunction.

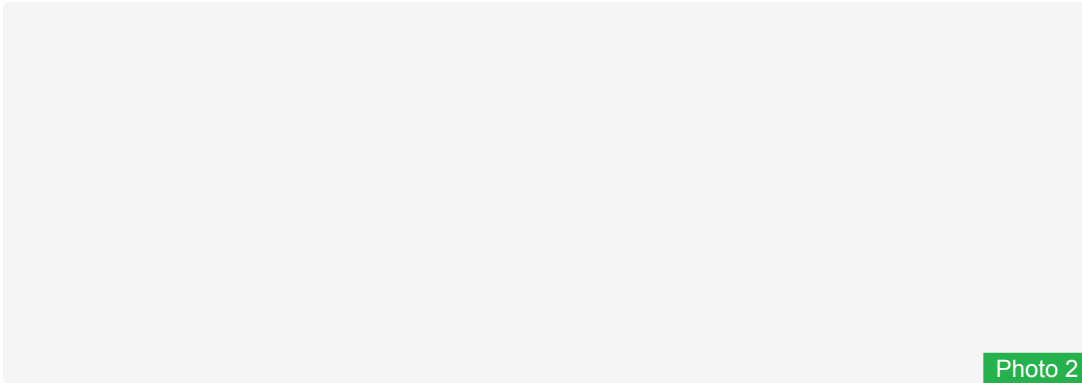


Photo 2

Precautions when electric wheelchair is under not moving status

1. Power off the electric wheelchair while it is stopped, even it is a short time stopping (refer to photo 3). This will prevent any accidental touch of joystick by anyone for the accidental interference on electromagnetic system affect normal use of electric wheelchair.
2. Make sure any helper (say shop assistant) is fully understand the joystick function, there no any accidental touch to prevent sudden move which is unexpected.

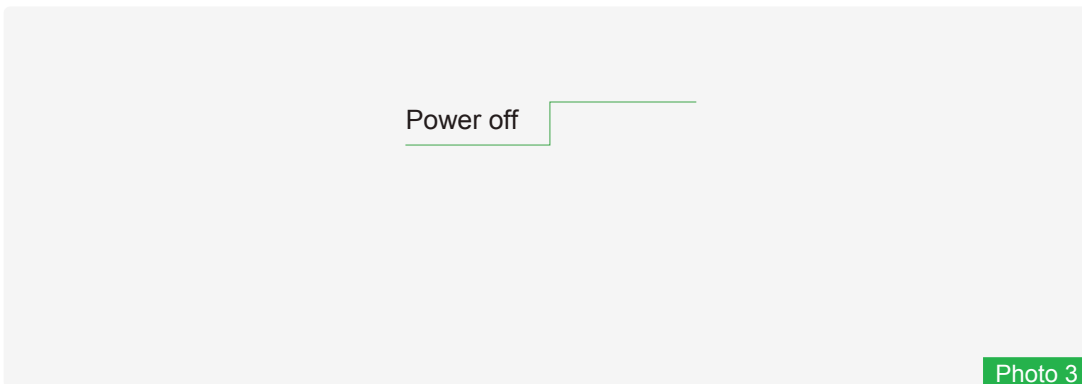


Photo 3

Operational environment

1. This electric wheelchair is not suitable for use or kept under the environment of heavy rain, snow or ice. Contact with water or excessive humidity will lead to electrical failure.



Avoid malfunction of electric wheelchairs:

- Do not place or keep the electric wheelchair under direct impact of water (such as heavy rain) or in a very humid environment.
- Please do not use this electric wheelchair while in bathing, sauna and swimming.
- Please do not use this electric wheelchair near water sources (such as rivers, lakes or oceans).
- Please ensure that the battery charging cover is closed.
- If the joystick is damaged, please replace the joystick device.
- Ensure that all electrical connectors are secured and free of looseness.
- It is forbidden to wash this electric wheelchair with water. If the electric wheelchair is soaked, please remove the battery and dry the electric wheelchair as soon as possible. dry immediately after the electric wheelchair is determined, Insert it into the battery holder for reuse.

2. When it is unable to avoid operating the electric wheelchair onto wet or smooth ground, please be careful and keep at very slow speed.

- One or two main wheels appear to have lose traction, Stop the electric wheelchair immediately to avoid out of control or falling down.
- Any snow, ice, water or oil film on any slope or ramp, please do not drive when come across these situations.
- With doubting and can't confirm the safety, please always ask for helping.

Suitable surfaces

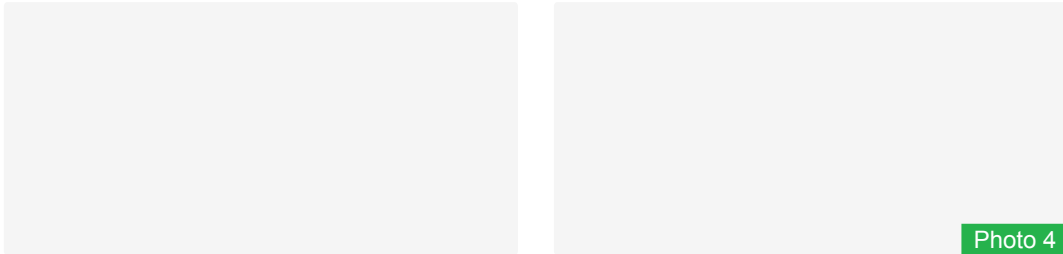
1. The electric wheelchair is only suitable for roads with concrete, asphalt and indoor floor surfaces.

2. Do not drive on sandy soil, loose soil or rough and rugged terrain to avoid any damage of wheels, bearings, shafts or motors, for causing loosening of parts.

Driving on road

Most countries and regions are illegal for powered wheelchairs to drive on motor vehicle lanes. It is dangerous for electric wheelchairs to drive on roads or parking lots.

1. When drive at night or in darkness, reflective stickers attached on electric wheelchair are helpful (refer to photo 4). For safety concern user can also wear a garment with Reflective material.
2. When come across with other vehicles, make sure the drivers of vehicles notice you easily. Have eye contact with the driver before you continue. Communicate and allow the driver understand your intention until you are convinced that it is safe.



Safety tips for riding motorized vehicles

1. Do not to drive electric wheelchair through transportation, such as buses, subways, trains, planes and ships.
2. If you must drive an electric wheelchair, you should be accompanied by someone to find a reliable place to park, fasten your seat belt and turn off the power supply of the electric wheelchair.
3. If the user drives the electric wheelchair alone, it is necessary to find a place where the wheels or the whole electric wheelchair can be fixed and parked, so as to avoid injury of sudden braking or traffic accidents.
4. Don't keep the electric wheelchair in the front of any vehicle, as a result of interfering with driving of vehicle driver.
5. To get on and off bus, if necessary to lift the user together with the electric wheelchair, please hold the edge of the seat cushion frame, Never hold the armrest or the rear backrest frame.

Balance on driving

The electric wheelchair should be kept in balance and at stability to center gravity while driving to avoid overturning during the process of forward and backward. The balance to center gravity is affected by the following factors:

1. The seat height and angle.
2. Dynamic body position, posture or weight distribution of user.
3. The angle of ramp or slope.
4. Change load and weight distribution of electric wheelchairs by applying backpack or other object.



If modify or adjust this electric wheelchair required, please consult with your dealer in advance, a modification plan should be authorized by the manufacturer in writing. The modification of electric wheelchair could have additional adjustment to correct the center of gravity. When electric wheelchair has been modified, be especially careful to familiar with the balance point of the electric wheelchair and master the ways to avoid falling or overturning.

Recommended cloth dressing on electric wheelchair

When you sit in an electric wheelchair and dressing colth, your body will rotate. In order to make the electric wheelchair more stable, the front caster should be adjusted to the forward position.

Precautions for getting on/off electric wheelchairs

1. When it is ready to seat on the electric wheelchair, please make sure to turn off the power first. If you touch the joystick, it may cause electricity. The wheelchair moves unexpectedly due to unexpected mistake touching.
2. Learn safest way to move your body from your health care professionals, the way to position your body and properly support yourself in the process of moving.
3. Ask for help you until you before you can safely get on and off the electric wheelchair alone.

The correct way to get on/off an electric wheelchair

1. Keep electric wheelchair as close as possible where you want to sit. If possible, use a conversion board.
2. Rotate the front casters as forward as possible.
 - Don't stand on the foot pedal to move your body, it may lead to harm.
 - Make sure your feet are not caught or caught between the gaps of the pedals.
 - Ensure that it is not blocked or interfered by handrails (refer to photo 5).
 - Move to the seat as soon as possible, it reduces the risk of missing seat and falling.

Be careful every time move yourself, have a support point that is not lower than the seat cushion surface.

Photo 5

Precautions of hand extending, body leaning and body stretching while seat on wheelchair

Body part extending, leaning and stretching will affect the balance of center gravity of the electric wheelchair, which may cause you to fall or turn over with improper operation. Follow the key points below to reduce the risk of physical injury and damage:

1. While change your body center of gravity including raising your body sideways or leaving seat, please don't lean beyond the range of seat cushion of the electric wheelchair.
2. Move forward in your seat, please don't lean over or have inclination (refer to photo 6), always keep your hip attach to backrest.
3. Don't keep hands reluctantly to grab things which are far away, in case lose body balance and fall.
4. Under no circumstances should you try to pick it up articles from between your knees or in front of your body (refer to photo 6).
5. Don't put pressure on the pedals when your body is extended, in case of falling off caused by falling over.
6. Don't lean against the top of the seat back to prevent from falling and damaging the back.

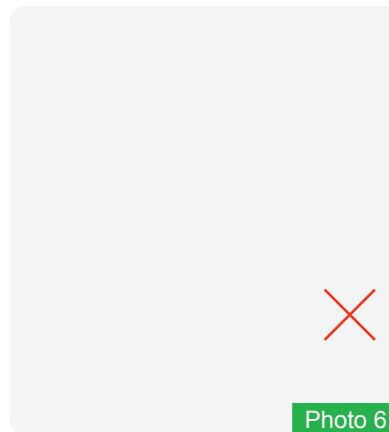


Photo 6



Remember :

Move your electric wheelchair as close as possible to what you want to achieve. Rotate the front casters until they are as forward as possible. This will make electric wheelchair more stable.

Note:

1. If you move your electric wheelchair beyond the target you want to reach during this operation, step back and approach it, then returned to original place. The front casters will rotate forward.
2. When you reach the desired position, turn off the power of the electric wheelchair. If the electric wheelchair tilted to one side, hold the handrail tightly with one hand when leaning, This will prevent you from falling.

Obstacles overpassing

You may need to overcome some obstacles in daily use, including doorsill, elevator, ramp, pit and broken pavement, etc. Improper operation may damage your electric wheelchair, and also cause personal injury.

1. Note that the threshold is very dangerous. Even a small height may jam the casters and tilt the electric wheelchair or rollover, it is recommended that remove the threshold of the room or cover the threshold to slope. Install a ramp to access door.
2. When you move the electric wheelchair, please carefully check the area you want to pass, make sure the place where you use electric wheelchair could smoothly and safely cross obstacles.
3. Adjust your center of gravity by the following methods: When about to cross an obstacle or pass a section from low to high, slightly tilt your upper body forward. When pass through a section from high to low, upper body should press back.

Backwarding

In reverse extra carefully While rear wheel hits an object, you may lose control of the electric wheelchair and fall.

1. When driving backwards, please always slow down.
2. Check from time to time to ensure that there are no obstacles endangering safety on the road.

Driving on incline/slope/hillside

When on the slope, the balance center of gravity of electric wheelchair will change. Note if it is not sure about the safety of using this electric wheelchair on a slope, please use it with some help, and be sure not to use it alone.

Matters needing attention:

1. For your safety, please don't use this electric wheelchair on a slope with a gradient older than 8.
2. Please don't use electric wheelchair on slippery slopes (such as snow, ice, water or oily film).
3. Please don't use this electric wheelchair when the road surface on the slope has ups and downs (ups and downs, bumps and depressions).
4. If there is a small pit at the bottom of the slope, please do not use this electric wheelchair.

Weight restrictions

1. The maximum load of this electric wheelchair is 140 kgs (308.7 lb), and the load in use should not exceed this maximum load.
2. The bearing capacity of the rear backrest is less than 75kg (165.4 lb), it is not allowed to press down or lift the rear backrest.
3. Under no circumstances, do weight training on this electric wheelchair, even if the user's weight is added with the lifted weight. The sum of the quantity does not exceed the maximum bearing capacity of the electric wheelchair.
4. In use, the load exceeding the maximum load may damage the seat, frame, fasteners, folding mechanism, etc. May seriously hurt. Or other people, may also damage or scrap the electric wheelchair.
5. No warranty is provided for problems caused by the load exceeding the maximum load in use.

Matters needing attention when going up and down stairs



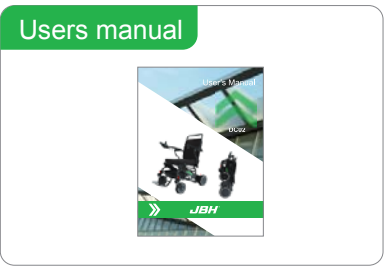
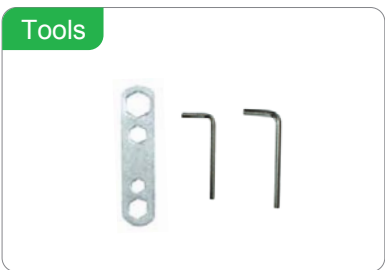
This electric wheelchair is not used for going up and down stairs or using escalators.

1. Always pay attention to the following warnings when using the elevator:
 - Do not use escalators (stepped elevators) between floors to move electric wheelchairs, so as to avoid serious accidents. Personal injury.
 - You can use the up-and-down elevator when sitting in an electric wheelchair. Please operate the electric wheelchair after the elevator door is opened, and Ensure that the elevator door is always open when the electric wheelchair enters and exits the elevator.
 - When the elevator is unavailable, after the electric wheelchair is transported to the required place, if you need to deploy the electric wheelchair, please Refer to the chapter "Electric Wheelchair Deployment Method".
2. When you want to move an electric wheelchair through stairs between floors, you should operate according to the following specifications:
 - Get off electric wheelchair.
 - Before folding electric wheelchair, the upper controller must be closed and removed.
 - When moving the electric wheelchair up and down the stairs, do not have any impact on wheelchair.

INSTALL SETUP

Components

Your DC02 Power Wheelchair will arrive carefully packaged in a cardboard box. Open the top of the box then turn the box on the side for easier pulling out the chair and contents.



1. To expand the DC02 , grasp the push bar and pull up while holding down on the seat to expand the chair and complete the assembly (refer to photo 7).

Photo 7



Photo 8

2. Continue to expand the chair into a seated position until you hear a *CLICK* indicating it has locked into the seated position (refer to photo 8).

3. 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 (refer to photo 9) .



Photo 9



Photo 10

4. 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 is at the rear and the back rest is placed behind the horizontal back bar of the chair (refer to photo 10) .

5. 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)(refer to photo 11). Tighten knob located under the armrest to secure the controller in place (refer to photo 12).

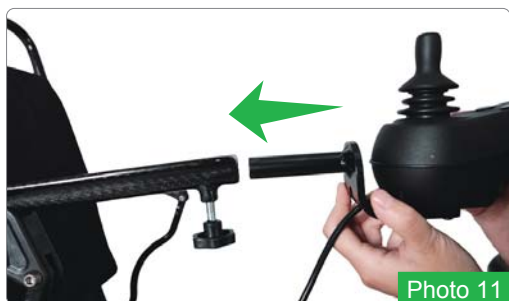


Photo 11



Photo 12

6. 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 (refer to photo 13).



Photo 13

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

Seat belt installation

Seat belt plays a role of restraining displacement and buffering, preventing user from sliding down the seat forward. Seat belt can be adjusted according to the user's comfort. In case of accidents, it will firmly hold the user to the seat to prevent personal injury caused by secondary collision.

1. Install seat belt:

Ensure that the seat belt has bound the waist of the body with the lower part of the backrest frame of the electric wheelchair.

2. Adjust the seat belt according to user's comfort:

Please bulked up with a clik sound

Adjust the safety belt with appropriate length, don't be too tight causing discomfort.

3. Unbuckle your seat belt:

Press the button on buckle to unbuckle.



Make sure that the seat belt is properly fixed on the electric wheelchair and adjusted to the most comfortable state for the user. Check whether the seat belt is loose or damaged. If you find a problem, please contact the dealer for maintenance and repair.

BATTERY SETUP

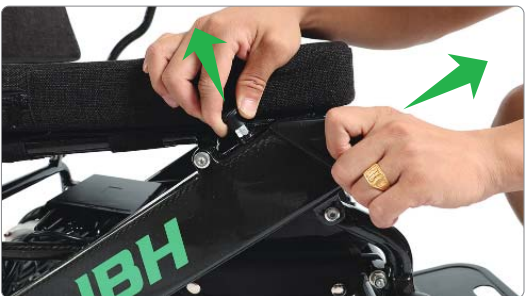
Install the battery

Just put the battery to battery shell on both side of wheelchair, hold the battery handle, insert the other side of the battery into the opening of the battery tube until the battery is all the way inside (refer to photo 14).



Remove the battery

Grasp and pull it up of the soft plastic button on the battery shell ,at the same time pull out the battery (refer to photo 15) .



FOLDING AND UNFOLDING



1. Making sure all the attaching parts are fastened properly after any adjustment , repair or maintenance, for avoiding any damage or injury.
2. 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.
3. 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.



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.



CONTROLLER

The DC02 Power Wheelchair is equipped with a joystick controller. Detail functions as shown:



Controller and driving tips



1. When driving at high speed, don't make a sharp turn.
2. Failure to follow the warning may cause the electric wheelchair to tilt, and may result in user injury or product damage.
3. The joystick is located at lower part of the control panel, which can control the speed and direction smoothly. With 360 omni-directional rotation performance, convenience of operation, there is a spring, which can automatically return to the initial intermediate state in joystick.
4. Push joystick to the direction which want to, the joystick has the ability to control the drive proportionally. Bigger of push, faster wheelchair would go. Come the top speed is limited to 4.5 km/h.
5. If you want to slow down the speed of the electric wheelchair, reduce the pushing of joystick forward. The electric wheelchair automatically slow down allowing smallest.
6. Learn to drive electric wheelchair at the first beginning, try at a slower speed and move lightly. Slowly tilt the joystick forward a bit. This exercise will help you learn how to control the electric wheelchair, so that you gradually get to know and familiar with it, including controlling, starting and stopping the electric wheelchair smoothly.

BASIC OPERATION

Obstacles overpassing






Before operating your DC02 Power 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 DC02, 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 ear 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

Use of batteries

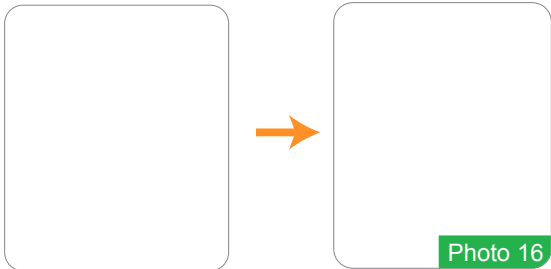
Your DC02 wheelchair will arrive with full charged batteries, which should last about 25 km (15.5 miles) under normal operation conditions. We recommend that you run the DC02 PowerWheelchair until the batteries are completely dead in order to get the most out of the battery life.


-  Do not use batteries with different capacities, brand and type while replace the battery. The original battery should be replaced and all existing batteries should be replaced together. Do not mix the old and new batteries.
-  The positive and negative electrodes of the battery cannot be connected with conductive objects such as metal, which may cause short circuit or electric shock.
-  Keep away from flammable material. Do not approach or be exposed to heat sources, such as open flames or sparks. When transporting batteries, do not place them with flammable or combustible material.
-  There are corrosive chemicals in the battery. It is forbidden to disassemble the battery without permission.
-  It is not allowed to short-circuit the battery or put the battery into the fire to avoid explosion accidents.

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 (refer to photo 16) , please notice connect the charger cable first, then turn the power on.



 Do not charge continuously over 6 hours through charging port of controller 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.

