Manual Wheelchair Instructions



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1. The Overview of The Instruction

The instruction is applicable to manual wheelchairs of various models, elaborating the precautions of safety use, function description and maintenance information and some other contents.

The pictures in this instruction are only for users' reference. Please refer to actual objects in practical use.

2. Applicable Range

Manual wheelchairs (hereinafter referred to as wheelchairs) are used as walking tools for persons with mobility difficulties, the sicks and the elderly.

3. Precautions of Safety Use

■ In order to correctly use wheelchair, be sure to read this part carefully before use.

■ The wheelchair may be damaged and people may be injured, even have life danger, if without following the instructions of the part.

■ The users(the patients or their relative persons) who operate the wheelchair directly should totally understand the contents of the instructions before use.

■ Do not allow young children or people who don’t know the operation of the wheelchair to operate the wheelchair.

Please follow these important precautions for safety assurance.

* Keep the Instruction in a place where it’s accessible and convenient to you all the times after reading.

Cautions

1. In order to obtain maximum stability, the axle of the rear wheel must be fixed in the last position. Any displacement of the wheel axis will affect the stability of the wheelchair while moving. If the axle of the wheelchair's rear wheel is moved forward, it's necessary to check whether it is stable or not before using. The stability of the wheelchair must be tested before the seat cushion is tilted to the limit or the rear axle is moved forward. In order to ensure security, please carefully test the stability of the wheelchair before using.

2. Do not fold the wheelchair by pressing great pressure on its frame or handles with hands. Both improper folding or opening are prone to damage the wheelchair.

3. The brakes on both sides of the wheel chair are only used for keeping unmovable while remaining somewhere, being different from the brake device of cars, and shall not be used to decelerate or brake.

4. Do not rely on inertia to make the wheelchair rush up the steps, otherwise it will cause accidents or damage the wheelchair.

5. Do not go up or down stairs without somebody's help. Followers cannot move the wheelchair and its user together while going up or down stairs, otherwise it will cause dangers to the the user and damage to the wheelchair.

6. All wheelchair adjustment operations should be in the case of no one sitting unless there is special instruction.

7. In order not to make the wheelchair turn over due to weightlessness, please pay attention to the tilt of the body should not be too large when you are in a wheelchair and want to get somethings outside the wheelchair (such as in front of, on both sides of, or behind the wheelchair).

8. Please check whether the armrests and handles are loose or not before using, if so, please contact the technicians.

9. Do not bend below your knees to pick up objects on the floor.

10. Please do not change the seat position when you lean back, otherwise the wheelchair will turn over.

11. The wheelchair should not walk on the escalator to prevent serious personal injury.

12. When wheelchair user want to transfer from the wheelchair to other places, first park the wheelchair in the nearest and best position, turning the front wheel of the wheelchair towards the needed transferred place. Please confirm whether the wheelchair is brake and unmovable or not before user getting on the wheelchair.

13. Please grasp the fixed connection part of the wheelchair, not the active part such as armrests and foot treadle devices, when moving the wheelchair.

14. Please do not step on the foot pedals to get on/off the wheelchair, be sure to fold the foot pedals or shake them to side. Wheelchair user cannot stand on the foot pedal during using to prevent the wheelchair turning over.

15. Do not turn over the wheelchair or suddenly change the direction on the inclined road, and not brake suddenly when going downhill or the wheelchair will tip forward.

16. The rated load of the wheelchair is 100kg. Please use carefully or contact the manufacturer for special customization if user weights more than 100kg.

17. The wheelchair is suitable for using on the flat ground, not in the uneven road. Take a detour to prevent turning over the wheelchair if there is an obstacle advanced. Please maintain a constant speed 3 ~ 5km/h in case the wheelchair user move the wheelchair oneself.

18. The safe driving slope of the wheelchair must be within 5°, and other large slope needs to ask others for assist to assure the wheelchair driving normally and safe. The wheelchair user should be in good physical condition when on the inclined road and slope angle should be less than 10°. And when the slope angle is greater than 10°, it must need someone behind the wheelchair to assist.

19. Regular cleaning once a day in the using process. The thoroughly disinfection is necessary if changing wheelchair user.

20. The normal service life of the product is 5 years from the date of delivery.

4. Product Profiles

4.1 Product Specifications and Components

The wheelchair is composed of front frame, rear frame, U-frame, backrest frame, armrest, foot pedal, brake, front wheel, rear wheel and seat back pad, and its structure is shown in the following picture:

Name	Parameter
Overall Length	85cm
Overall Width	52cm
Overall Height	85cm
Seat Width	40cm
Seat above the ground	48cm
Seat Size	38.5cm
Back pad Length	35cm
Front Wheel Size	6吋
Rear Wheel Size	8/12吋
Rated Load	100kg



1、6 inches Front Wheel

2、8/12inches Rear Wheel 3、Safety Buckle

4、Seat Back Pad 5、Split Brake 6、Foot Pedal

7、Front Frame 8、Seat Frame 9、Seat 10、Armrest

Main Performance Parameters

Static stability (longitudinal forward tilt)	⩾10°
Static stability (longitudinal back tilt)	⩾10°
Static stability (longitudinal side tilt)	⩾15
Slope standing performance	⩾8°
Coasting deviation	⩽350 mm
Minimum turning radius	⩽850 mm
Minimum turning width	⩽1500 mm

4.2 The Placement of Wheelchairs

Improper wheelchair placement will cause malfunctions, so please avoid placing in the following places:

● In direct sunlight;

● Near to heating appliances such as heaters and warmers;

● Accessible to excessive water vapor, oil vapor;

● High temperature, humid, low temperature places;

● Used in the following environment: temperature 0℃~40℃, relative humidity ⩽80%;

● Places with mass dust, smoke, soil, salt, sulfur, corrosive substances and so on;

● Poor ventilation;

● Places with vibration and impact (including handling);

● Soft ground;

● Not horizontal ground.

4.3 Function Summary

The wheelchair is designed with both safety and convenience, and its main functional features as below:

1. New invention patent: one-click closing and opening, smooth structure, safe and light weight;

2. The new luxury brake, avoiding the lines of the old brake easy to wind collision and other problems;

3. The frame is welded with high-strength aluminum profiles;

4. Folding seat back;

5. Back-turning armrest;

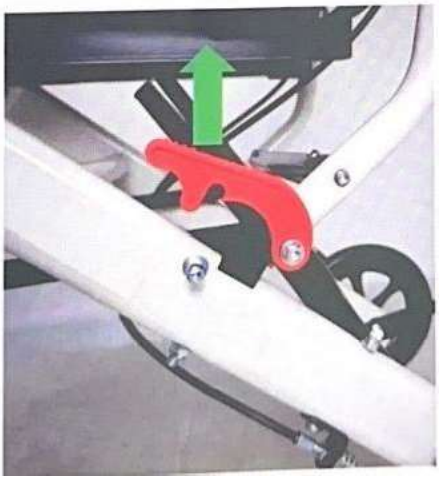
6. Up-turning foot pedal;

7. Folding frame.

4.4 Operation of The Wheelchair

1. **Wheelchair closing operation:**

① First open the right safety buckle up. (Picture 1)



(Picture 1)

② Turn the foot pedal up(Picture 2),close to the seat.

③ Turn back the armrests on both sides about 270°(Picture 3).



(Picture 2)



(Picture 3)

④ Gently hold the seat frame or foot pedal with left hand, hold the backrest frame with right hand (Picture 4), and pull both hands in at the same time. Closing Finished(Picture 5).



(Picture 4)



(Picture 5)

5. Wheelchair opening operation:

① Gently hold the seat frame with left hand, hold the backrest frame with right hand (Picture 6), gently open both hands outward at the same time, and fasten the safety buckle downward (Picture 7).



(Picture 6)

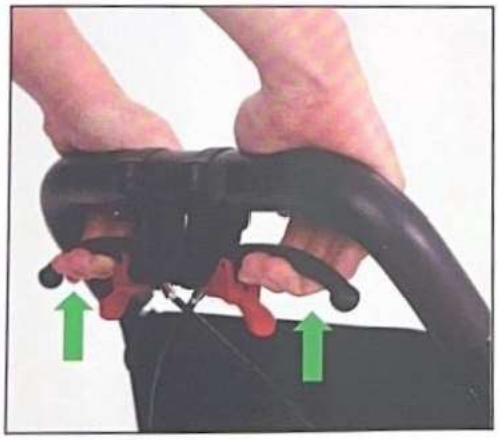


(Picture 7)

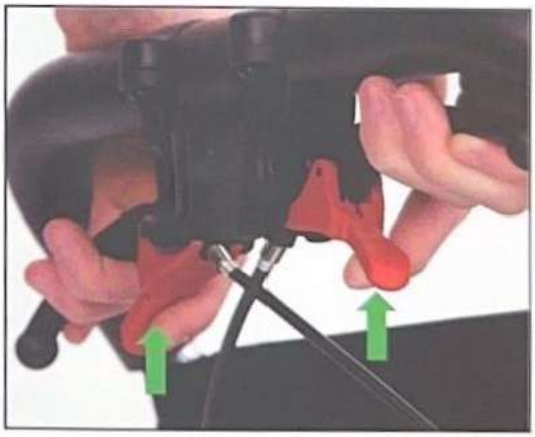
6. Continuous brake function operation:

① The Continuous brake function: when braking, hands firstly hold the backrest brake(black handle), and then upward force (hearing a snap) (Picture 8).

② To unlock the brake, press the red wrench upward (hearing a snap) and then move the wheelchair (Picture 9).



(Picture 8)



(Picture 9)

4.5 Cleaning and Disinfection of the Product

Note: The wheelchair is not suitable for cleaning with "jet" cleaners or high pressure/steam. Do not sprinkle wheelchair parts with water during cleaning processes.

The cleaning of the wheelchair：

1、 Please open the wheelchair and clean it for thoroughly cleaning and facilitating post-cleaning inspection, .

2、 Soak a cloth with diluted neutral detergent, wring out and use it to scrub the wheelchair, and then use a cloth soaked with water to wipe off the residual detergent ingredients, and finally dry with a dry cloth.

3、 Please do not use volatile substance to clean the wheelchair, such as diluent, volatile agent, gasoline, or the material will discolored or deteriorated.

The disinfection of the wheelchair：

1. Please use the disinfectant with specified concentration as below and dilute it before use.

0.05-0.2% Ammonium Chloride Disinfectant

0.05-0.2% Chlorinated Phenyl Disinfectant

2. Please use the disinfectants recommended above for there being corrosion of metal parts, or changing color, deterioration and cracking of the plastic parts due to different disinfectants.

3. Please use the disinfectants recommended above for there being corrosion of metal parts, or changing color, deterioration and cracking of the plastic parts due to different disinfectants.

4. Please confirm the composition of the disinfectant before use.

5. Please wipe away the disinfectant after disinfection. Ozone and autoclaves should not be used as sterilizers.

4.6 Repair and Maintenance of the Product

1. It is necessary to do regular safety checks for the wheelchair due to use safety, recommended every six months once comprehensive inspection to ensure the sound connection parts and normal operation.
2. Add appropriate lubricating oils on the frequently active joint of the wheelchair in daily check and replace it immediately to ensure safety if serious wear is founded.
3. Avoid bumping the wheelchair and scratching the coating on its surface with sharp objects.
4. Please avoid the wheelchair and seat back pad absorbing water and being moisture, which will cause rust, abnormal sound and breeding Bacteria. Please wipe it immediately once water attaches.
5. The metal part of the wheelchair can be recycled when the wheelchair ages and reaches the service life.

4.7 Product Storage and Transportation Conditions

Product Storage:

The packaged manual wheelchairs are stored at a temperature of -10 ~ 40, humidity 10% ~ 85%. It should be stored in a dry, ventilated and sheltered place, separated from acid, alkali and other chemical corrosive substances. Adopt to moisture-proof and rust-prevention measures.

Transport conditions:

Transport requirements are stipulated in the order contract.

5. Warranty Card

Product Warranty

Under the condition that this product is not damaged by human and is used normally in strict accordance with the instructions, the valid warranty is as below.

1. Wheelchair Frame/Body
Warranty for 3 years from the date of purchase.

2. Seat back pad, Wheel, Foot Pedal, Armrest (quick-wear parts)
Warranty for 1 year from the date of purchase.

Product Name:

Model specification:

Product serial number:

Production number:

Date of purchase: Year Month Date

Distributor: