

Instruction Manual

Electric Wheelchair



EWCCF2

 Infinity

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Safety Instructions

Emergency Power-Off

Immediately switch off the power supply if any of the following occur:

- 1 Unexpected or sudden movement
- 2 Loss of directional control
- 3 Brake failure

Safety Instructions

For safe operation of your electric wheelchair, do not:

- Carry passengers.
- Operate under the influence of alcohol.
- Tailgate other vehicles.
- Exceed the maximum safe climbing angle.
- Use the joystick erratically on inclines or declines.
- Exceed the maximum user weight capacity.
- Press the power button while moving, as this may damage the electromagnetic brakes or joystick controller.
- Travel on soft or unstable terrain.
- Change direction or reverse before the electric wheelchair has come to a complete stop.

Always:

- Use a slow speed when travelling downhill (return the joystick to the central position).
- Wear the safety belt.
- Keep feet on the footrest while moving.
- Ensure the batteries are fully charged before each journey.
- Charge the wheelchair in a well-ventilated area.

Reminder: When operating an electric wheelchair, the driver must obey all road rules and regulations.



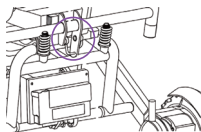
Usage Operation



- | | |
|-----------------|----------------|
| 01 Controller | 05 Front Wheel |
| 02 Seat Cushion | 06 Rear Wheel |
| 03 Battery | 07 Motor |
| 04 Footrest | 08 Armrest |

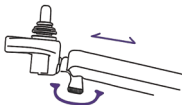
Installation Guide

Pull the footrest forward. Then, hold the backrest with one hand and the seat with the other, gently pulling the wheelchair forward and backward. When you hear a "click," it means the latch has locked into place, and the wheelchair is fully unfolded.



Adjusting

The joystick can be adjusted to a comfortable position according to the user's height and arm length. Slightly loosen the knob on the armrest and extend the joystick to the desired position. Once adjusted, tighten the knob securely to lock the joystick in place.

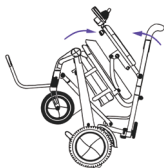
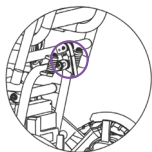


Adjusting Armrests

To return it to its original position, press the armrest downward until you hear a "click," confirming that it is securely locked in place.

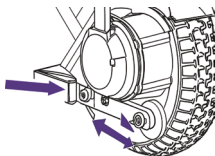
Wheelchair Folding Steps

Switch lock operation: First, lift the switch lock plate firmly, then remove the lock ring and place it below to fold the wheelchair. Hold the backrest tube and the front underside of the seat, lift both toward the center simultaneously, and fold the wheelchair.



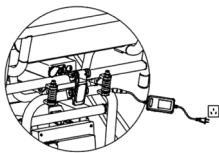
Adjusting Anti-Tipper

1. For use on indoor flat surfaces, retract the anti-tipper wheel holder inward.
2. The anti-tipper can be moved inward or outward as needed.
3. Make sure the latch is inserted into the position limit hole.



Charging

Turn off the wheelchair, connect the charger to the battery pack and a power outlet. The red light shows charging, and the green light indicates the batteries are nearly full—continue charging for 1-2 more hours. Recommended charging time is 6-8 hours. Disconnect the charger after fully charged.



*Please do not operate the wheelchair while charging.

Battery Replacement

If the battery needs replacement, release the buckle securing the battery pack under the seat and remove it.

Control Panel Operation

Control Buttons



- 01 Battery Gauge
- 02 Speed Indicator
- 03 Speed Mode
- 04 On/Off Button
- 05 Speed Down Button
- 06 Speed Up Button
- 07 Horn Button
- 08 Joystick

The joystick is an essential electronic component. It is typically mounted on the armrest and connected to the power box, motor, and battery.

Battery Gauge

Shows the current battery level. When all bars are lit, the power is sufficient. If 3-4 bars are displayed, the battery level is acceptable. When fewer than 2 bars remain, the power is low and the battery must be recharged.

Horn Button

Pressing this button activates the horn.

Joystick

The further the joystick is pushed from the center, the faster the wheelchair moves. When released, the joystick automatically returns to the center position and engages the brake.

■ ■ ■ ■ ■	0-6.0 km/h
■ ■ ■ ■ ■	0-5.5 km/h
■ ■ ■ ■	0-5.0 km/h
■ ■ ■	0-4.5 km/h
■ ■	0-4.0 km/h

Fault Diagnosis and Troubleshooting

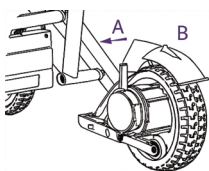
This product is equipped with an automatic fault warning system for your convenience. In the event of a malfunction, the controller LEDs will flash and an audible alarm will sound.

2 Warning Tones + 1 Error Tone	If the connection is poor, inspect both the joystick and the controller.
2 Warning Tones + 2 Error Tone	Check for right motor failure or a loose/poor connection at the plug.
2 Warning Tones + 3 Error Tone	Inspect the right brake for failure or a loose/poor plug connection.
2 Warning Tones + 4 Error Tone	Inspect the left brake for failure or a loose/poor plug connection.
2 Warning Tones + 5 Error Tone	The controller may be experiencing an overcurrent, or the motor could have a short circuit or be overloaded.
2 Warning Tones + 6 Error Tone	Check for a Hall joystick failure, a rocker that does not reset, or a poor connection.
2 Warning Tones + 7 Error Tone	The controller may have experienced a self-failure and needs inspection or replacement.
2 Warning Tones + 8 Error Tone	Check for a failure in the controller or the battery.

Electric Operation / Manual Push Mode

Adjusting Brake Lever

Each motor is equipped with a brake lever. When the lever is set to position A, the wheelchair operates in electric mode and can only be driven by power. When the lever is set to position B, it switches to manual mode and can only be moved by hand.



When the wheelchair is in electric operation mode (power mode), only the controller can be used to move the wheelchair. The wheelchair cannot be pushed manually, which helps prevent the wheels from rolling.

Manual operation can be activated by switching the Electromagnetic Brake. This allows the wheelchair to be pushed manually, while disabling the electronic functions.

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