

# Instruction Manual

## Electric Wheelchair



EWCF0

 Infinity

# Contents

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## Introduction

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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
- Disassemble the wheelchair without first engaging the electromagnetic brakes and switching off the joystick controller
- Drive on main roads; always use the footpath
- Change direction or reverse before the 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 a electric wheelchair, the driver must obey all road rules and regulations.



# Usage Operation



01 Footrest

02 Battery

03 Joystick Controller

04 Armrest

05 Handlebar

06 Electromagnetic  
brake

07 Rear Wheel

08 Front Wheel

## Installation Guide

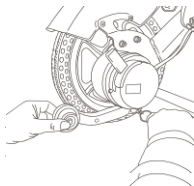
1. Remove the wheelchair and spare parts from the packaging. Install the controller on the right or left armrest.



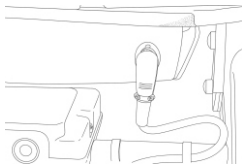
2. Grasp the handlebar and pull the seat cushion frame outward with your other hand.



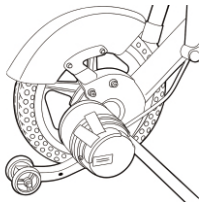
3. Pull out the quick-release screw, use your other hand to pull the anti-tip wheel to the proper position, then lock it in place.



4. Connect the plug to the battery under the seat.



5. Pull up both electromagnetic brake and set them to electric operation mode. The wheelchair cannot be pushed manually in this mode, which helps prevent the wheels from rolling. Please refer to the picture below.



Pull Up to Electric Operation

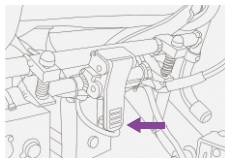
6. Turn on the controller.

## Folding Procedure

Step 2: Hold the handlebar with one hand and the seat cushion frame with the other. Use both hands to fold the wheelchair until it is completely folded.

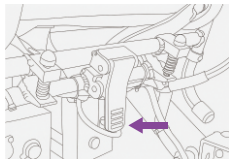


Step 1: Pull the folding button to unlock the wheelchair.



## UnFolding Procedure

Step 1: Press the folding button to lock the wheelchair.



Step 2: Grasp the handlebar and pull the seat cushion frame outward with your other hand.

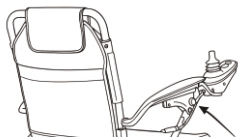


# Installation Steps

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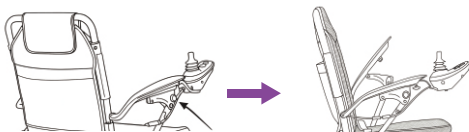
## Adjusting the Controller

You can install the controller on either the left or right side as needed. Remove the controller bracket and reinstall it on the preferred side. The controller length can also be adjusted by yourself.



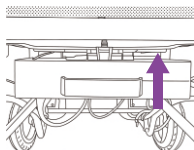
## Armrest

Press the button on the underside of the armrests to loosen and adjust them.



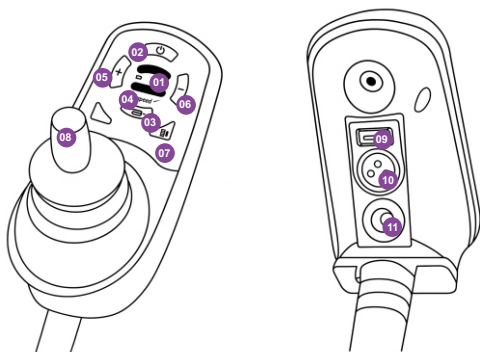
## Removing the Battery

Unplug the battery cable, then hold down the locking catch to remove the battery.



# Control Panel Operation

## Control Buttons



01 Battery Indicator

02 On/Off Button

03 Horn

04 Speed Indicator

05 Acceleration

06 Deceleration

07 LED Light

08 Joystick

09 USB

10 Charging Port

11 LED Light

## Assembling the Controller

1. Attach the controller to the controller connection.
2. Adjust the connection tube to the desired length, then tighten the plum nut securely.
3. Connect the plug to the left and right motors and the battery.



## On/Off Button and Power Display

- The On/Off button supplies power to the control system and motor. In an emergency, it can also be used to stop the wheelchair.
- The power display shows the current battery level and wheelchair status.
- The indicator light confirms when the wheelchair is switched on.

## Turn On the Power

- Press the power button.
- The indicator light will turn on.

## Speed Display (S1–S5)

This display indicates the wheelchair speed setting. There are five settings in total, with S1 as the lowest speed and S5 as the highest.

## Horn

Press the horn button to sound an alert.

## Deceleration Button

This button reduces the speed setting and turns off the corresponding speed indicator light. This button has no effect while driving the wheelchair.

## Acceleration Button

This button increases the speed setting and turns on the corresponding speed indicator light. This button has no effect while driving the wheelchair.

## LED Light

This button controls the light located under the controller.

## Self-Help Guidance

If a system failure occurs, check the position of the flashing lamp on the speed display and battery indicator. Below is a list of errors that may be indicated by abnormal sounds or warning lights.

## Controller Status Indication

| Error Indication                                      | Malfunction                                                                                                              | Solution                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| All LED lights are off, with no sound                 | The power is off or in standby mode, and the power cord is poorly connected.                                             | Check whether the power plug is disconnected.                                                                                 |
| All LED lights are on                                 | The power supply is turned on and the product is performing a self-test. The product can be used normally once complete. | Wait for several seconds.                                                                                                     |
| The leftmost red LED is on and the voice alarm sounds | The battery level is extremely low.                                                                                      | Charge the battery or replace it.                                                                                             |
| Two long sounds after two short sounds                | The left motor has failed.                                                                                               | Check whether the left motor connector is plugged in and the connection is secure.                                            |
| Four long sounds after two short sounds               | The right motor has failed.                                                                                              | Check whether the right motor connector is plugged in and the connection is secure.                                           |
| Six long sounds after two short sounds                | The controller is displaying an over-current status.                                                                     | Check for heavy load or whether the vehicle exceeds the rated load, then turn it off and restart.                             |
| Seven long sounds after two short sounds              | There is a joystick problem.                                                                                             | When the controller switch is turned on, release the joystick and return it to the centre position. Turn it off and on again. |
| Eight long sounds after two short sounds              | The controller is faulty.                                                                                                | Replace the controller.                                                                                                       |

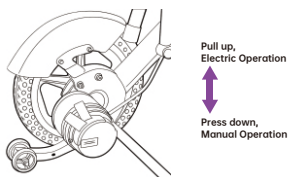
# Electric Operation / Manual Push Mode

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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.

**Please Refer to the Following Picture:**



## **ATTENTION:**

It is recommended to keep the wheelchair in electric operation mode. The clutch device is intended only to allow the wheelchair to be pushed manually in crowded areas.

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