

User Guide

Double Motor
TW61



Revision

2024.07_V2.0

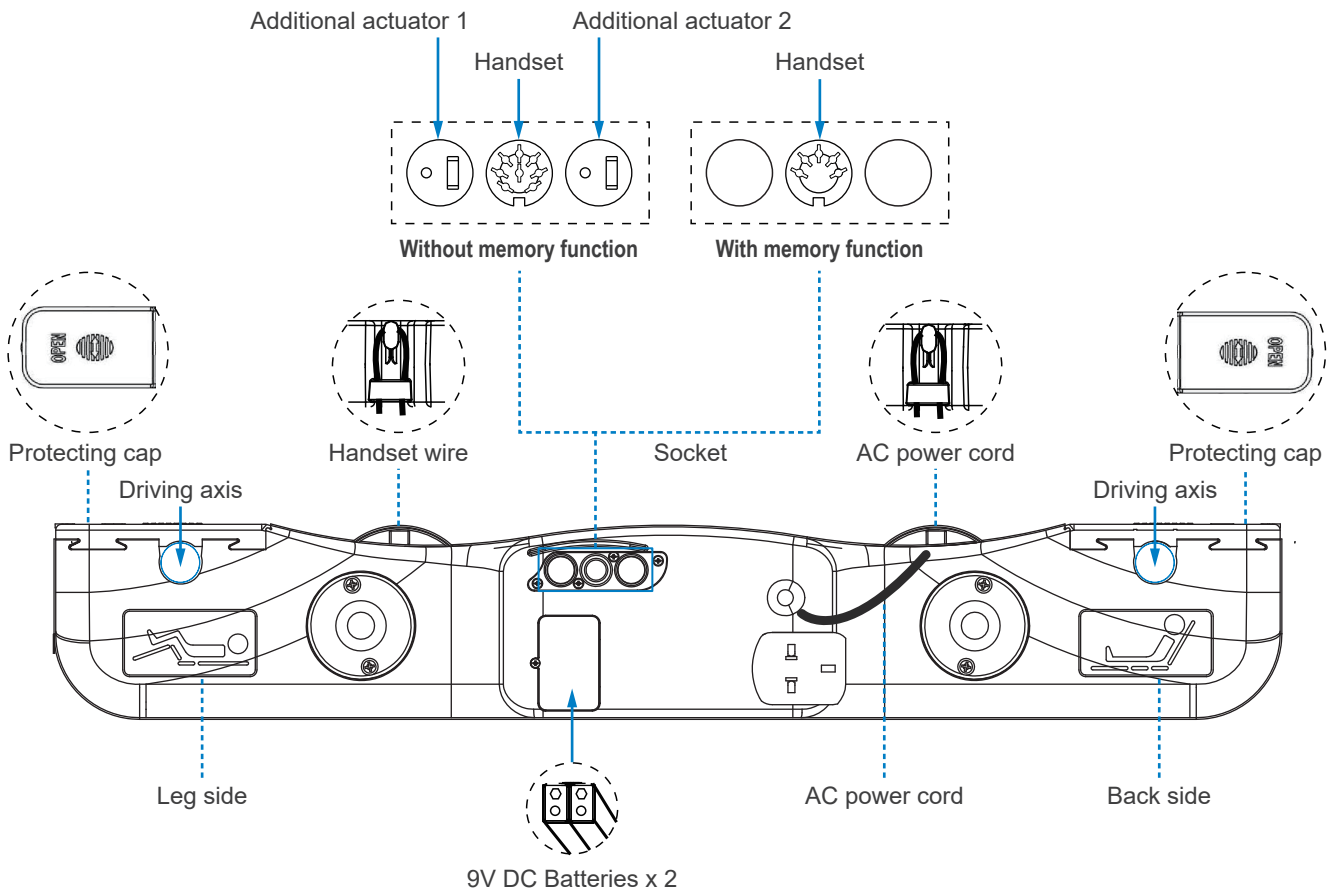
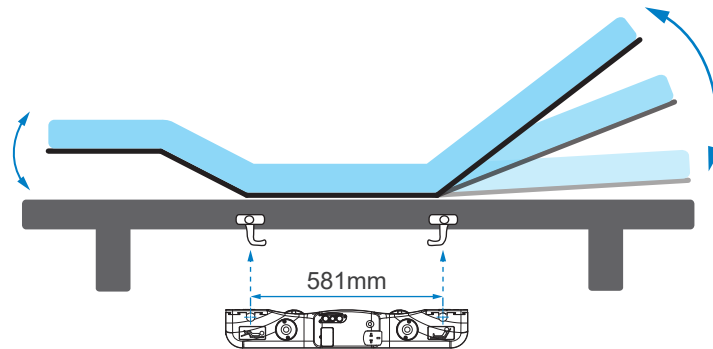
Technical changes may be made to improve the product without notice !

Important Information

- The distance between the axes of the bed base must be 581 millimeters.
- The duty cycle of the double motor is 10%, that is, the maximum continuous operation time is 2 minutes, and the rest time is at least 18 minutes.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- Please disconnect the mains power cord before removing the protecting cap, and do not disassemble the internal parts of the double motor.
- The double motor is designed for indoor operating and must be kept away from humid and wet environments.
- Any damage caused by the end user due to the installation or disassembly operation will result in the rejection of the warranty and our company does not bear any responsibility of the manufacturer.
- This equipment is not suitable for people with weak physical, sensory or mental capabilities (including children), unless the person responsible for their safety supervises or guides them to this equipment.
- Installation work must be performed by qualified personnel.

Installation

• Overview



● **Installation steps**

1. Before installing, do check that the mains power cord is not plugged into mains power supply.
2. Put two 9V DC backup batteries into the battery box: first remove the battery box cover, insert the battery and then put it back in the battery box cover.
3. Wind up the AC power cord and the handset wire around the hooks (as described on the drawing) to avoid any damage during handling.
4. Plug the handset connector into the dedicated socket in the middle position.
5. Match the graphic symbols on the motor to the axis of the bed frame:
The "Back side" symbol must correspond to the axis linked to the back plate mechanism.
The "Leg side" symbol must correspond to the axis linked to the foot plate mechanism.
6. Before installing the double motor on the bed frame, please check whether the bed frame is in a horizontal position.
7. Pull out the red latch and move it along the protective cap to fix the bed frame axis.



8. Make sure the side position is in the reset position, and then install the motor to the bed shaft.
Make sure they are engaged properly.
9. Close the protective cap and push back the red latch. Repeat from step 5 to install the other side.



10. Plug additional actuators in the socket (optional). Ensure that all covers and parts are properly installed in place. Plug the power cord into the main power source and the double motor can operate normally.

Bed Frame Control

1. Press and hold the button, the controlled bed board will continue to move, and it will stop automatically when it reaches the end.
2. If you release the button during the process, the movement of the bed board will stop immediately.

Buttons and operation:
(take HD handset as an example)

- ① Actuator #1 extends
- ② Actuator #1 retracts
- ③ Actuator #2 extends
- ④ Actuator #2 retracts
- ⑤ Actuator #3 extends
- ⑥ Actuator #3 retracts
- ⑦ Actuator #4 extends
- ⑧ Actuator #4 retracts



Position Memory

● Position setting

1. The memory position buttons can store the position of the back and legs. Press memory set button for 2 seconds, and the LED will flash slowly. Then press memory position button to store the positions, the LED will flash quickly to confirm the positions have been stored.
2. The memory positions can only be overwritten, not erased.

● Execution go to position

1. Press and hold the memory position button to automatically go to the storage position of the bed, press any button to stop.
2. The LED indicator light flashes during operation, and then stays on when the bed reaches the corresponding position.

Buttons and operation:
(take HI handset as an example)

- ① Memory set
- ② Memory position 1
- ③ Memory position 2



Backup Battery Function

In case of power outage, install two 9V DC batteries in the battery room to retract actuator.



Remarks:

Only for single use, and the standby time is very short.

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