

**20210827**  
**User Manual**

# Hand Control Programming- TDH24P



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## Disclaimer

This user manual is ONLY for generic TiMOTION products. Manufacturers may have altered product settings causing them to differ from this user manual. Please contact the manufacturer for a revised manual if the product settings are different than this manual.

# 1.User Interface Guide

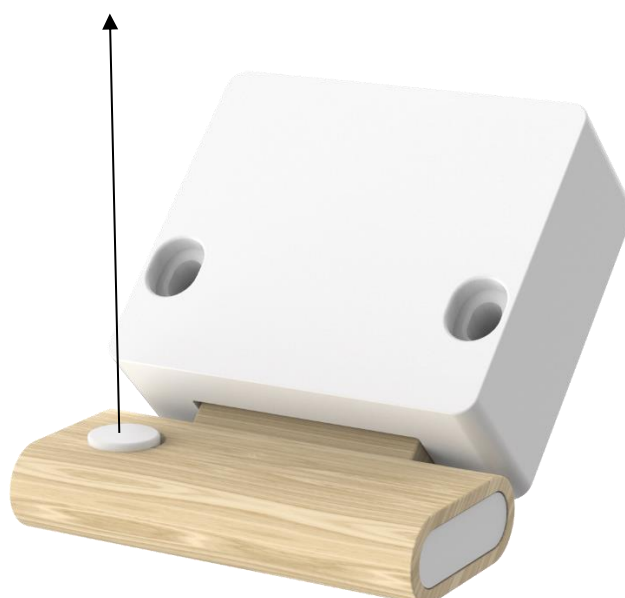


Display

Up: Tilt the toggle switch up

Down: Tilt the toggle switch down

Memory setting button (back)



## 2.Reset

- (1) Tilt the toggle switch down until both columns are in the lowest position, then release the toggle switch. Continue pressing the toggle switch for 3 seconds and complete the reset.
- (2) When finished with the reset, the control box will make a “beep” sound, and the display will show E00.
- (3) Then the display will show the starting height.
- (4) Users must conduct a reset when operating the desk for the first time.

## 3.Adjusting the Height

Tilt up or down until the desk reaches the preferred height.

## 4.Setting the Memorized Position

TDH24P supports a maximum of 2 memory positions.

### How to memorize a position:

- (1) Adjust the desk to the desired height.
- (2) Press the memory setting button for 3 seconds, and the display will indicate “P” [\(Note 1\)](#). During the operation, users cannot tilt the Toggle switch up or down.
- (3) Press (and hold) the memory setting button and tilt up the toggle switch. Then the control box will make a “beep” sound, and the display will indicate “P1,” which means the position is memorized. [\(Note 2\)](#)
- (4) Press (and hold) the memory setting button and tilt down the toggle switch. Then the control box will make a “beep” sound, and the display will indicate “P2,” which means the position is memorized. [\(Note 2\)](#)
- (5) The memorized positions cannot be removed but can only be replaced.

[Note 1: Place your thumb on the toggle switch and use your index finger to press the memory-setting button.](#)

[Note 2: With either the P1 or P2 setting, users need to use their thumb and index finger together.](#)

### Notifications about moving to the memorized position:

- If the current height of the table is higher than one of the memorized positions, press and hold the memory setting button and tilt down the toggle switch. Then, the toggle switch will indicate the height of the memorized position and move to that specific height.
- If the current height of the table is lower than one of the memorized positions, press and hold the memory setting button and tilt up the toggle switch. Then, the toggle switch will indicate the height of the memorized position and move to that specific height.

- If either P1 or P2 is higher than the current height of the table, press and hold the memory setting button and tilt up the Toggle switch. Then, the toggle switch will indicate the height of the memorized position and move to the lower memorized height FIRST. If users press and hold the memory setting button and continuously tilt up the toggle switch, the desk will move to the higher memorized position.

## 5.Presetting the Desk Starting Height

- (1) Perform the Chapter 2-Reset. When finished with the reset, press (and hold) the memory setting button for 10 seconds. During the operation, users will see "P" on the display. Please disregard it and continue to press and hold the memory setting button.
- (2) This enters the setting mode, leading the display to start to flash.
- (3) Users can tilt either up or down to the desired starting height number. When finished with the setting, release the memory setting button for 5 seconds. It will save the new starting height automatically.
- (4) Once it is completed, the display will stop flashing.

## 6.Restore factory setting

- (1) Perform the Chapter 2-Reset. When finished with the reset, press (and hold) the memory setting button and tilt down the toggle switch for 15 seconds.
- (2) It will indicate "---" on the display, and the control box will make a long "beep" sound for 2 seconds. Release the toggle switch to restore the factory setting.



- (3) The settings below will restore to the factory setting :
  - Memorized Position
  - The Desk Starting Height

## 7.Error Codes

The digital display shows the error codes (below) suggesting the issues users may encounter during operation.

(Note 3)

Error code	Descriptions
000	Resetting
E00	Not reset completely
E01	Overuse protection
E02	Unbalance protection
E03	Anti-collision
E04	T-touch Protection
E11	M1 Motor over-current protection
E12	M2 Motor over-current protection
E13	M3 Motor over-current protection
E21	No Hall sensor from M1
E22	No Hall sensor from M2
E23	No Hall sensor from M3
E31	No current from M1
E32	No current from M2
E33	No current from M3

Note 3: Some control boxes may not support this function.

## 8. Power Saving Function - Waking Up the Control

- The digital display automatically turns off if no buttons are pressed within 25 seconds. Press any button to light up the display again.
- The system goes into <0.1W standby mode ([Note 4](#)) if no buttons are pressed within 30 seconds. Long pressing any button will wake up the system and show desk height on the digital display.

[Note 4](#): It depends on the control box whether it will support 0.1W standby mode or not.