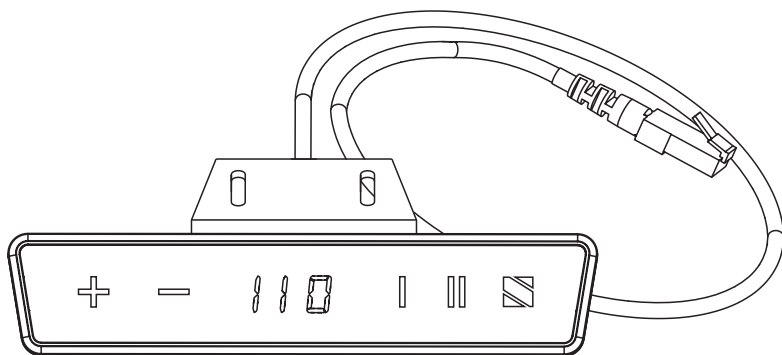


# Digital Control Panel For Electric Height Adjustable Desk

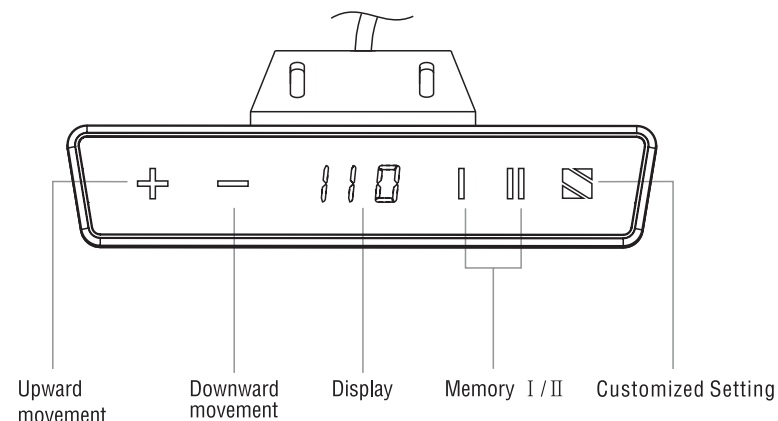
## User Guide



**Model: CT-10**

# 1

## Operating Control Panel



### Operating Instruction:

- **Note:** Using the desk for the first time, you will need to reset the system.

### Reset the System:

- Press and hold the “-” button until the desk moves downward to the lowest position. Release the button.
- Press and hold the “-” button again for approximately 5 seconds, the “000” will be displayed and the desk will move further downward.
- Release the button until the current desk height is displayed.
- The reset process is finished.

### Height Adjustment:

- Press and hold the “+”/ “-” button to lift/lower the desk to your desired height.

### Customize Min.& Max. Height Limits:

- Once set the Min.& Max. Height Limit, the desk will move within the limited height range.
- **To set a Min.&Max. Height Limit**, move the desk to your desired height. Press and hold the “+” and “-” button for approximately 5 seconds. The unit emits a beep. The setting is finished.
- **To remove the Min.& Max. Height Limit**, move the desk to the previously set min. / max. height. Press and hold the “+” and “-” button for approximately 5 seconds. The unit emits a beep. The setting is finished.
- **Note:** The min. adjustable range is the lower half of the initial height adjustable range. The max. adjustable range is the upper half of the initial height adjustable range.



### Customize Memory Settings:

- **To store a memory position**, move the desk to the most used position. Press the “S” button. “S-” will be displayed. Then press I / II button. The setting is finished.
- **To recall a previously stored position**, press the I / II button and the desk will move automatically to the memory position.

### Customize Child Lock Function:




- To lock the screen, hold and press together “S” and “+” buttons until the “Loc” is displayed.
- To unlock the screen, hold and press together “S” and “-” buttons until the current height is displayed.

**Follow the procedures below to adjust desk functions:**

- Long press “” button until the display flashes “S-X”. (“X” Represents the Setting Number)
- Press “+” / “-” button to switch from “S-1” to “S-5”. Each code corresponds to a setting.
- Press “” button and you are allowed to customize the desired setting.



**Change display between CM and INCHES**

**\*S-1: Switching Controller Display Height Between CM and INCHES**



- LONG PRESS “”, then press “+” until “S-1”. Press “” button, then press “+” / “-” button.
- “0” indicates Metric (CM) and “1” indicates Imperial (IN).
- Press “” button to save.

**Collision Avoidance Settings (GYRO senses abnormal motion / CURRENT senses impact with objects)**



**\*S-2: Adjusts the overall sensitivity of the GYRO for all movement (UP&DOWN)**

- LONG PRESS “”, then press “+” until “S-2” begins flashing, press “” button. Then press “+” / “-” button to adjust the sensitivity from level 1 to level 8.
- The higher the level, the more sensitive the unit.
- “0” indicates the anti-collision protection function is OFF.



**\*S-3: Adjusting the UPWARD Anti-Collision Sensitivity (CURRENT Sensor)**

- LONG PRESS “”, then press “+” until “S-3”. Press “” button, then press “+” / “-” button to adjust the sensitivity from level 1 to level 8.
- The higher the level, the more sensitive the unit.
- “0” indicates the anti-collision protection function is OFF.

**\*S-4: Adjusting the DOWNWARD Anti-Collision Sensitivity (CURRENT Sensor)**

- LONG PRESS “”, then press “+” until “S-4”. Press “” button, then press “+” / “-” button to adjust the sensitivity from level 1 to level 8.
- The higher the level, the more sensitive the unit.
- “0” indicates the anti-collision protection function is OFF.

**S-5: Changing the Display Height (for adding the desktop thickness to the height setting)**

- Reset the system
- Measure the actual height (includes desktop) of the desk
- Change the Current Display Height:
- LONG PRESS “”, then press “+” until “S-5”
- Press “” button, then press “+” / “-” button to set the current display height.

**Note:** the default height shown can only be shown in METRIC.

**Remove all Customized Settings**

- Press and hold “+” and “-” buttons together for approximately 10 seconds until the unit emits a long beep and the “000” is displayed.
- Release two buttons.
- Press and hold the “-” button until the desk moves downward to the lowest position and the current desk height is displayed.
- The process is finished, all custom settings have been erased.

# 2 Troubleshooting Guide

**1.Columns are not working**

Possible Reasons	Solution
Power Cable is unplugged	Re-insert the Power Cable into the Control Box
Columns are disconnected	Re-insert the Motor Cables into the Control Box
Poor connection	Check all connections
Broken Control Box	Replace the Control Box
Broken Control Panel	Replace the Control Panel

**2.Columns move in only one direction**

Possible Reasons	Solution
Power breakdown or power is unplugged	Reset the system
Broken Control Box	Replace the Control Box
Broken Control Panel	Replace the Control Panel
Broken Column	Replace the Column

**3.Control Box and Control Panel are not working**

Possible Reasons	Solution
Power Cable is unplugged	Re-insert the Power Cable into the Control Box
Control Panel is unplugged	Re-insert the Power Cable into the Control Box
Broken Control Box	Replace the Control Box
Broken Power Cable	Replace the Power Cable
Broken Control Panel	Replace the Control Panel
Control Panel got wet	Replace the Control Panel
Poor connection	Check all connections

**4.Error Code Trouble-shooting**

Error Code	Possible Reasons	Solution
HOT	Thermal Protection has occurred	Stop operation and allow your desk to cool down for approximately 18 minutes
E01	Overvoltage	Re-insert the Power Cable. If a problem still exists, replace the Control Box
E02	Column problem	Reset the system
E04	Control Panel is disconnected	Re-insert the cable between Control Panel and Control Box
- - -	Collision avoidance system has activated	Remove all the objects within the range of motion
E06/E07	Voltage too low	Re-insert the Power Cable. If a problem still exists, replace the Control Box
E08	The Control Box is out of position	Make sure the Control Box is attached to the desk frame as the instructions, then reset the system
	The Power Cords have pulled the control box	Manage the cables and keep them from pulling the control box, then reset the system
	Collision avoidance system has activated	Remove all surrounding items prior to adjust the desk height, then reset the system
E11/E21	The Motor Cords were disconnected (E11 corresponds to M1 connector while E21 corresponds to M2 connector)	Re-insert the Motor Cords into the Control Box. If a problem still exists, replace the Motor Cords or Columns
E12/E22	Electrical problem has occurred (E12 corresponds to M1 connector while E22 corresponds to M2 connector)	Re-insert the Power Cable. If a problem still exists, replace the Control Box
E13/E23	Broken Motor Cables (E13 corresponds to M1 connector while E23 corresponds to M2 connector)	Replace the Motor Cords or Columns
E14/E24	Broken Motor Cables (E14 corresponds to M1 connector while E24 corresponds to M2 connector)	Unplug and re-insert the Motor Cords into the Control Box. If a problem still exists, replace the Motor Cords or Columns
E15/E25	Short circuit (E15 corresponds to M1 connector while E25 corresponds to M2 connector)	Replace the Motors or Columns
E16/E26	Overload (E16 corresponds to M1 connector while E26 corresponds to M2 connector)	Remove the items from the desktop then reset the system
E17/E27	Desk moves in wrong direction (E17 corresponds to M1 connector while E27 corresponds to M2 connector)	Replace the Motor Cords or Columns
E18/E28	Overload (E18 corresponds to M1 connector while E28 corresponds to M2 connector)	Remove the items from the desktop
E41/E42/E43	Broken Control Box	Replace the Control Box