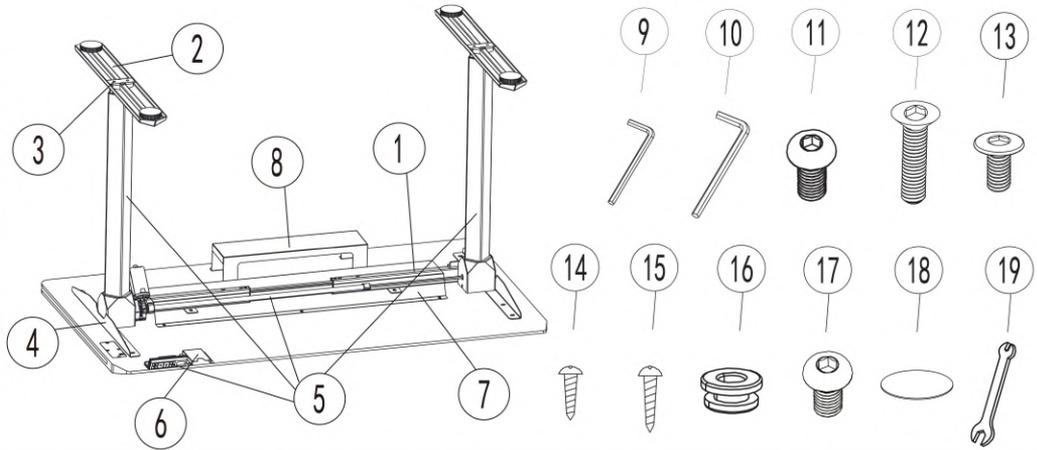
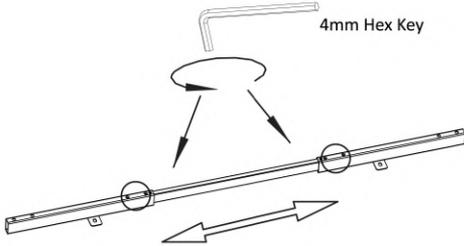


Parts and Tools List

No.	Name	Qty	No.	Name	Qty
1	Beam	1	11	M6*16 Screw	10
2	Feet	2	12	M8*50 Screw	4
3	M6*35 Screw	8	13	M6*15 Screw	4
4	Bracket	2	14	ST3.5*9.5 Screw	3
5	Lifting System	1set	15	ST3.5*13 Screw	2
6	Remote Holder	1	16	Rubber Cushion	10
7	Cover Plate	1	17	M6*12 Screw	10
8	Cable Tray	1	18	Rubber Pad	4
9	4mm Hex Key	1	19	Fork wrench	1
10	5mm Hex Key	1			



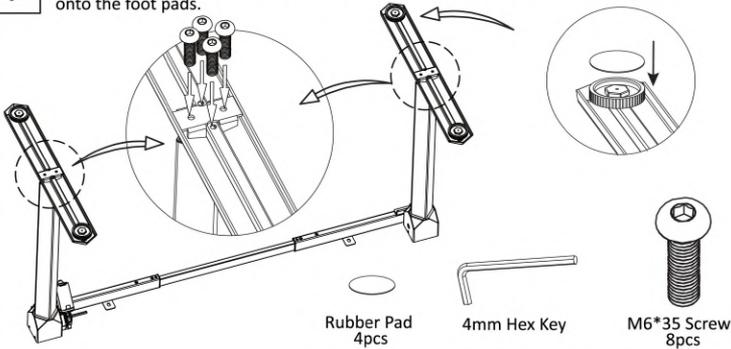
1 Loosen the M6*10 screws on the beam with 4mm hex key, then adjust the length of the beam according to the desktop. Finally, tighten the screws.



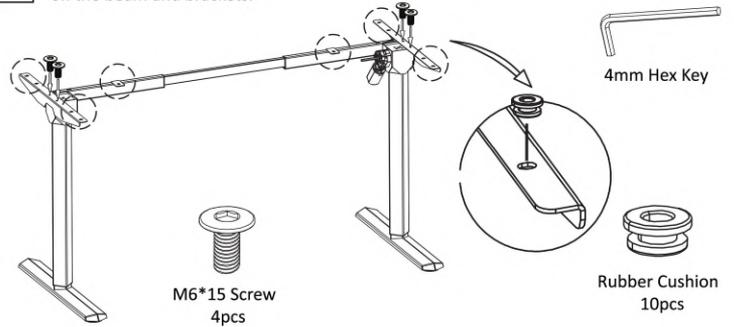
2 Attach the electric legs to the beam using 4 M8*50 screws.



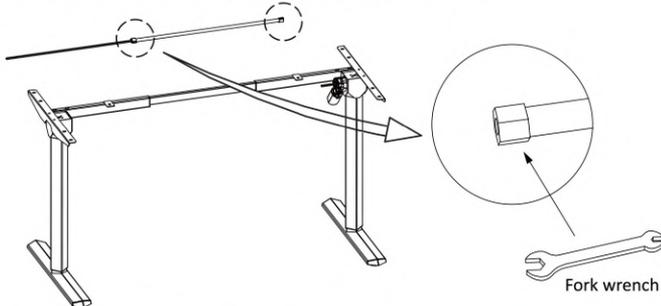
3 Attach the feet to the electric legs using 8 M6*35 screws. Then stick the rubber pads onto the foot pads.



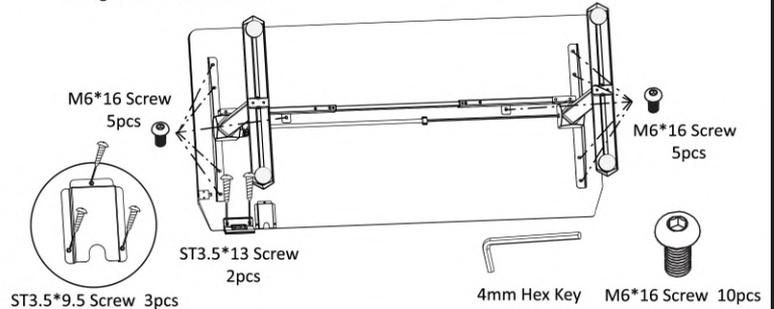
4 Attach the brackets to the beam using 4 M6*15 screws, and install the rubber cushions on the beam and brackets.



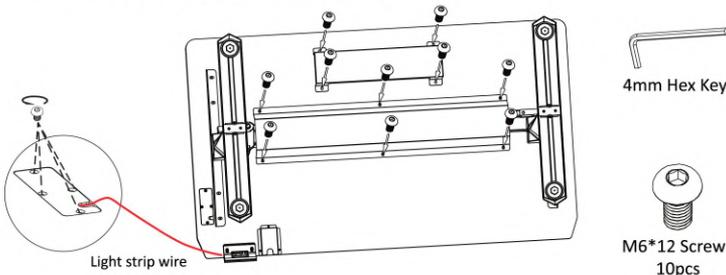
5 Loosen the nuts on both ends of the transmission rod. Connect one end of the transmission rod to the hex bar on the main leg. Insert the hex bar on the transmission rod into the auxiliary leg, and finally tighten the nuts.



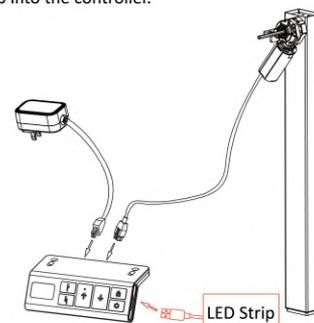
6 Attach the desk frame to the desktop using 10 M6*16 screws, then attach the controller to the desktop using 2 ST3.5*13 screws. At last, attach the remote holder to the desktop using 3 ST3.5*9.5 screws.



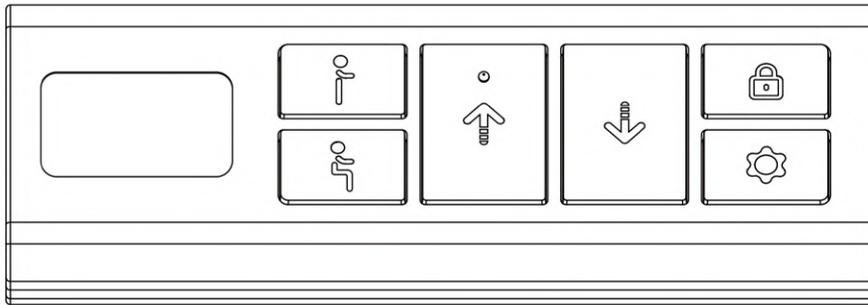
7 Attach the cover plate under the desktop using 6 M6*12 screws. Then attach the cable tray under the desktop using 4 M6*12 screws. Unscrew the 4 ST3.5*16 screws securing the lock plate and pull out the light strip wire.



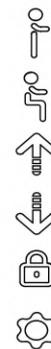
8 Connect the leg cable and power cord to the controller, then insert the USB connector of the LED strip into the controller.



1. Controller interface



- ▶ Standing Height
- ▶ Sitting Height
- ▶ Up Button
- ▶ Down Button
- ▶ Lock Button
- ▶ Setting button



2. Initialization operation

- ▶ When the system works abnormal, or the controller displays "RST", it is necessary to initialize the desk. To perform the initialization operation please press and hold <↓> until the frame has reached the lowest position; Then press and hold <↓> for 5 seconds until you hear a beep.

3. Operation of the desk

- ▶ Press <↑> to move the desk up until it reaches the highest position.
- ▶ Press <↓> to move the desk down until it reaches the lowest position.
- ▶ Press <↑> or <↓> for short time - the desk lifts or lowers only a small distance.

4. The memory function

- ▶ The controller of this desk can store 2 memory points.
- ▶ Move the desk up or down to the desired position, then press <⚙> for short time until the display shows "S-", and "-" flashes, then press <🧑> or <🧑> to save the current position.

5.Upper and Lower Limit Settings

- ▶ The system supports height limits of the desk.

The operation method is: press and hold $\langle \uparrow \rangle$ & $\langle \downarrow \rangle$ at the same time for 5 seconds at the appropriate height until you hear the buzzer, indicating the limit position is stored successfully. When the desk is in the upper half of the height adjustment range, the limit is the highest position. When the desk is in the lower half of the height adjustment range, the limit is the lowest position.

- ▶ Cancel height limit

Method 1: Reset the system, the high and low limit will be canceled.

Method 2: Run the desk to the limit high or low point, press and hold $\langle \uparrow \rangle$ & $\langle \downarrow \rangle$ for 5 seconds until you hear the buzzer, indicating that the limit position has been canceled successfully.

6.Lock and unlock

- ▶ Lock: Short press $\langle \text{lock icon} \rangle$, when the digital display shows "Loc", it means the system has been locked, and the desk cannot be raised or lowered.
- ▶ Unlock: Press and hold $\langle \text{lock icon} \rangle$ for 3 seconds, when the digital display shows from "Loc" to normal digital, it means the system has been unlocked.

7. Reset

- ▶ When the system is replaced with a new leg, or the parameters need to be restored to factory settings, press and hold $\langle \uparrow \rangle$ & $\langle \downarrow \rangle$ for 10 seconds at the same time to hear a long buzzer, and the parameters are restored to factory settings and forced to initialize.

8. Timing setting

- ▶ Press the $\langle \text{timer icon} \rangle$ & $\langle \text{timer icon} \rangle$ at the same time, until the controller displays 0.0h, then press the $\langle \uparrow \rangle$ or $\langle \downarrow \rangle$ to adjust the timer in increments of 0.5 hours and automatically exit settings after 2 seconds. At this time, a decimal point will flash after the controller is turned off, indicating that the timer is running. When the timer reaches the set time, the controller will beep 5 times and wake up automatically.

9. Internal parameters

- ▶ Long press <⚙> for 15 seconds, controller display shows "S-x", and "x" flashes ("x" is the parameter group). At this time, press <⚙> to enter the parameter group to set the appropriate parameters, and press <↑> or <↓> to switch the parameter group. After setting successfully, press <⚙> to return to the running interface.

The parameters that can be set are as follows:

a、"S-1" CM or INCH

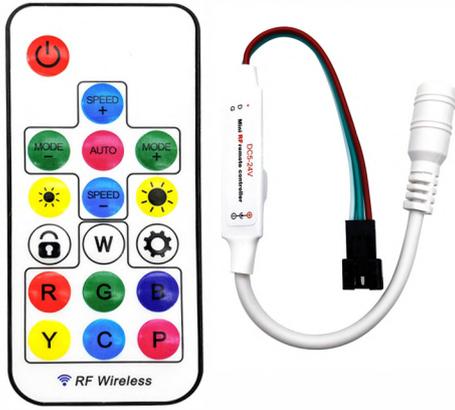
0=CM, 1=INCH

b、"S-2" Adjust anti-collision sensor sensitivity

0: means off, 1: is the least sensitive and 8: is the most sensitive.

10.ERROR CODE

ERROR CODE	POSSIBLE CAUSE	ACTION
E01	The main supply voltage over 45V.	Check the main power.
E02	Rod height difference between the two legs is more than 1 cm.	Initialize the frame. Reset the operation.
E04	Controller connection or communication error occurred.	Check the power cable of the controller.
E05	The sensor encounters an obstacle and stops functioning.	Release the button and restart.
E06	The main power supply failed to start, below 20V.	Change the main power supply, or check the main power supply cable.
E07	Protection when the main power supply is running, below 20V.	Reconnect power. Power on reset
E08	Frame tilts when running.	Initialize the frame. Reset the operation.
HOT	1.Temperature of motor is high. 2.Running time exceeds 2 mins within 18 mins.	1.Wait for motor to cool. 2.Let system rest for at least 18 mins.
E11	The Motor 1 is not connected.	Check power cable of motor.
E12	Error in the Motor 1 current sampling channel.	Change the control box.
E13	The Motor 1 is out of phase and has phase line disconnection.	Check the motor to determine whether the phase line connection is abnormal.
E14	The Motor 1 Hall sensor error, or Hall wire disconnected.	Check the Hall signal, or change the power cable of motor.
E15	Short-Circuit inside the Motor 1.	Change the motor.
E16	Locked-Rotor inside the Motor 1.	Initialize the frame. Reset the operation.
E17	The Motor 1 runs in the wrong direction.	Change the motor wire or Hall wire.
E18	Weight on Motor 1 is over the limit.	Reduce the weight by removing items.
E21	The Motor 2 is not connected.	Check power cable of motor.
E22	Error in the Motor 2 current sampling channel.	Change the control box.
E23	The Motor 2 is out of phase and has phase line disconnection.	Check the motor to determine whether the phase line connection is abnormal.
E24	The Motor 2 Hall sensor error, or Hall wire disconnected.	Check the Hall signal, or change the power cable of motor.
E25	Short-Circuit inside the Motor 2.	Change the motor.
E26	Locked-Rotor inside the Motor 2.	Initialize the frame. Reset the operation.
E27	The Motor 2 runs in the wrong direction.	Change the motor wire or Hall wire.
E28	Weight on Motor 2 is over the limit.	Reduce the weight by removing items.
E40	The control box is disconnected in series.	Check the connection wires.
E41	Error in the serial signal.	Check the connection wires, or change the control box.
E42	EEPROM error.	Change the control box.
E43	Error in Anti-Collision Sensor.	Change the control box.
E91	Motor 1 and Motor 2 are not connected	Check the two motor connection wires.



Features:

- 1.RF radio frequency wireless control, with a range of up to 15 meters.
The operation is sensitive and user-friendly, the size is compact, and the wiring is simple and convenient.
- 2.Compatible with common single-wire zero-code LED driver ICs on the market.
- 3.Comes with 146 kinds of pattern effects, which are gorgeous and vivid.
- 4.The number of cascade points can be adjusted, and it can support up to 2048 pixel points at most.
- 5.With power-off memory function.
- 6.The power supply has a reverse connection protection function.

TECHNICAL PARAMETERS

Specification

Working Voltage : DC5V - 24V

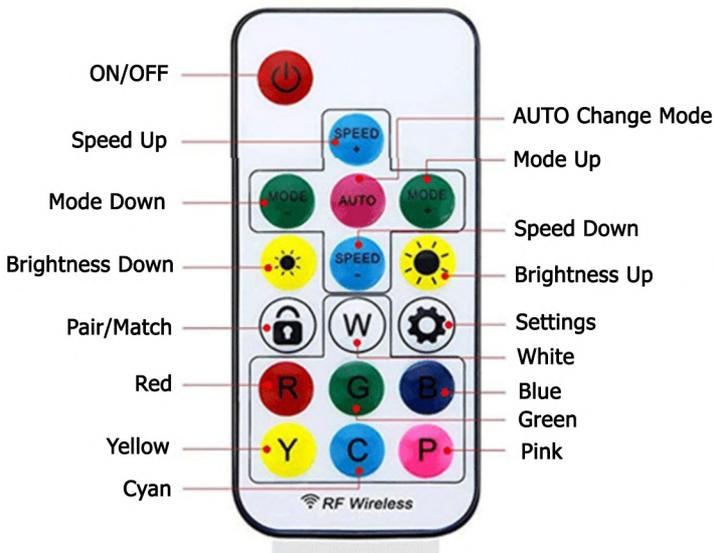
Working Current : 3mA - 9mA

PCBA Size : 42mm * 12.5mm * 5.5mm

Working Temperature : - 10°C - 60°C

Controller Size :

290mm * 13mm * 6mm (including the wire slot)



INSTRUCTIONS

Lighting Testing Function	Press the MODE button 5 times continuously until the lighting goes out. Press the AUTO button and it will jump to the seven-color gradient effect of red, green, blue, yellow, cyan, purple and white, facilitating lighting testing.
Remote Control Pairing Function	Press the LOCK button 5 times continuously and the lighting will flash white light quickly. At this time, the remote control panel and the receiver perform one-to-one pairing. Press the LOCK button 5 times continuously and the lighting will flash white light slowly. At this time, the remote control panel and the receiver are unlocked.
Adjust RGB Sequence	Due to differences in lighting, if the RGB buttons on the remote control panel do not match the actual lighting, the RGB sequence can be adjusted. Press the SET button 5 times continuously. After the lighting flashes white light once, it will stay on white light. Press the R button until the lighting is bright red, press the G button until the lighting is bright green, press the B button until the lighting is bright blue and finally press the SET button once to confirm the setting.
Adjust the Number of Cascade Points	This controller is factory-set to control 1024 points. It can be adjusted to a maximum of 2048 points and a minimum of 300 points. Press the SET button 5 times continuously. After the lighting flashes white light once, it will stay on white light. Press the MODE+ and MODE- buttons to increase or decrease the number of points. Each press will increase or decrease by 60 points. Finally, press the SET button once to confirm the setting.

WIRING INSTRUCTIONS

