LI LD6EC Programmable Switch
Installation, Operation & Troubleshooting

BenchBUD

Tools Required for Assembly

A. Power Driver with Adjustable Torque

B. #2 Phillips Head or #2 Square Driver Bit

A

B

Hardware Included for Assembly *(may have extra)*

H. 3/4" Wood Screw *x2*

H

Installation

• Make sure the power to the workstation is not plugged in. Mount the switch in the desired location. Use two (2) wood screws **H** through the slots at the back of the switch. These will be found in the hardware pack for the workstation.

• Run the cable through wire management to the control box on your workstation and plug it into the control box.

• Plug the motor cables into the control box. Then plug the power cable into the control box.

• Press the down key and lower the desk as far as it will go. This resets the control box.

• To raise the desk, press the up key. To lower the desk, press the down key. The desk will stop at the upper and lower limits of the control box.

H

Programmable Switch

Cable Routing Diagram

Switch Cable

Control Box

Motor

Motor Cable

Power Cable
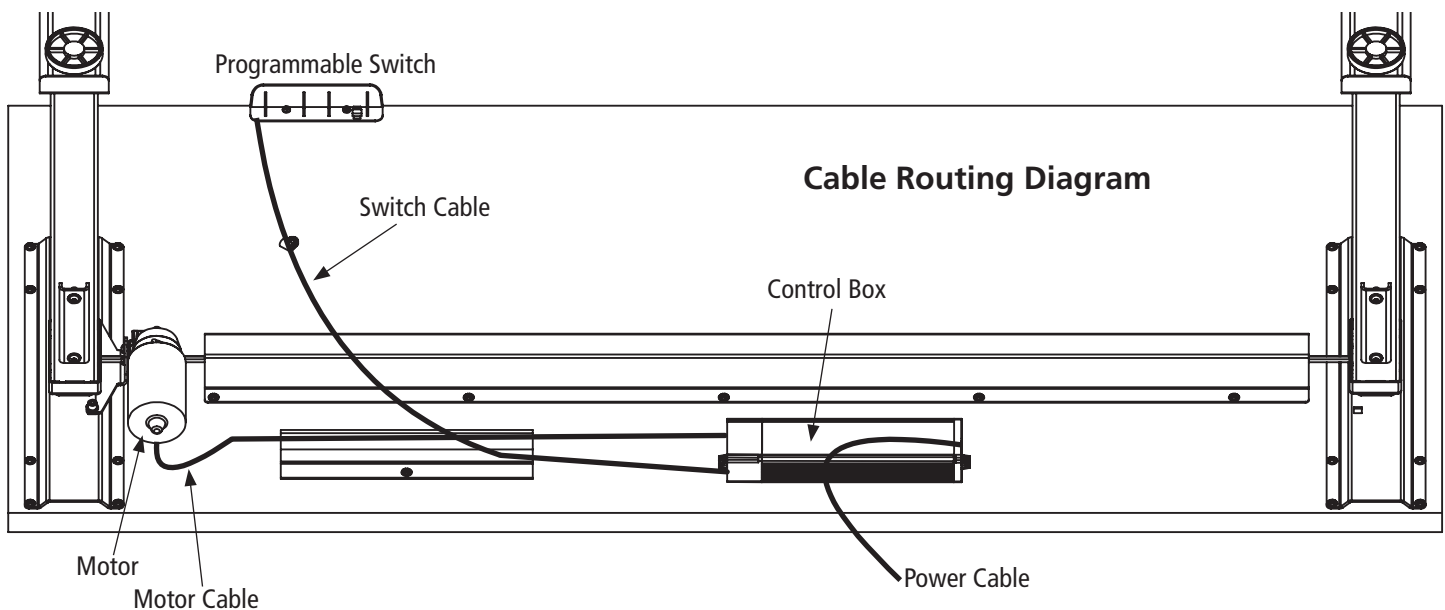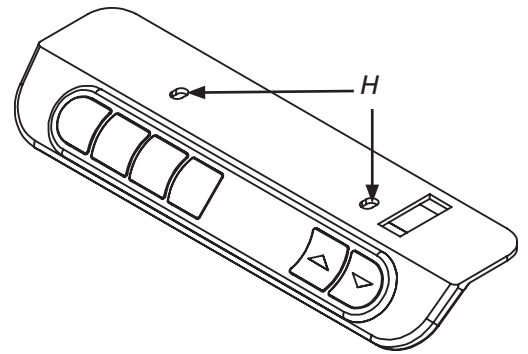
READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT.

WARNING

USE THIS PRODUCT ONLY AS INSTRUCTED.
FAILURE TO COMPLY WITH ALL INSTRUCTIONS AND WARNINGS
MAY RESULT IN SERIOUS PROPERTY DAMAGE OR BODILY INJURY.

Basic Safety Instructions

1. **Intended Use.** This Product is exclusively designed for use as indoor office furniture in compliance with all instructions and safety warnings in the user manual. Any different use, or use extending beyond the intended use, may result in property damage or bodily injury and is prohibited. This Product should not be used, operated or maintained with additional components not authorized by K&A Manufacturing, Inc.

   BY USING THIS PRODUCT OR ANY FEATURE OF THIS PRODUCT, YOU AGREE TO COMPLY WITH ALL PRODUCT TERMS AND POLICIES, INCLUDING WITHOUT LIMITATION ANY SAFETY WARNINGS AND INSTRUCTIONS, PROVIDED BY K&A MANUFACTURING, INC. AND ITS AFFILIATES. K&A MANUFACTURING, INC. SHALL ASSUME NO LIABILITY FOR ANY DAMAGE OR INJURY CAUSED BY USE OF THE PRODUCT A) IN VIOLATION OF ANY SAFETY WARNINGS OR INSTRUCTIONS; B) NOT AUTHORIZED BY K&A MANUFACTURING, INC.; OR C) BY EVENTS BEYOND K&A MANUFACTURING, INC.'S CONTROL.

DANGER

DO NOT SIT, STAND OR CRAWL ON OR UNDER THE PRODUCT.
MAKE SURE NO OBSTACLES ARE IN THE PRODUCT'S PATH.
MAKE SURE ALL CORDS ARE LONG ENOUGH TO ACCOMMODATE ANY CHANGE IN HEIGHT.
DO NOT USE ATTACHMENTS NOT RECOMMENDED BY THE MANUFACTURER.

2. **Electrical Height Adjustment.** The height of this Product may be adjusted electronically. Contact with electrical voltage may cause serious injury and death. Only use the Product in compliance with these instructions. This Product should not be used in environments with high levels of humidity or moisture.
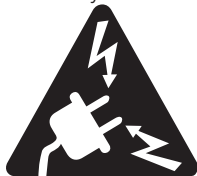
KEEP CORDS AND ELECTRICAL COMPONENTS AWAY FROM HEAT AND LIQUIDS.
DO NOT OPEN ANY OF THE COMPONENTS: CONTROL BOX OR KEYPAD.
DO NOT USE WITH A DAMAGED PLUG OR CORD.
DO NOT INSERT ANYTHING INTO ANY SEAM OR OPENING.

3. **Setup and Use.** This Product should only be used and operated in good condition. When in use, no one should sit, stand or crawl on or under the Product. There is a danger of crushing, shearing, injury or damage. Keep the entire range of motion of the Product clear of all obstacles. Devices and object on the Product can tip over, fall or be crushed by the Product.


KEEP HANDS AND FINGERS CLEAR.
KEEP ALL OBSTACLES CLEAR OF THE PRODUCT'S PATH.

4. **Users.** This Product is not intended for use with children, individuals with restricted physical, sensory or mental capabilities, or individuals who lack experience or knowledge, unless they are supervised by a person who is responsible for their safety or they have received instructions from a person who is responsible for their safety concerning how the Product must be used. Children should be closely supervised to ensure that they do not play with the Product and its height adjustment mechanism to avoid risk of physical injury or electric shock.


**KEEP CHILDREN AWAY FROM THE PRODUCT, ITS CONTROL UNITS, AND KEYPADS.**

Enter Button

*2-4 Keys
Unused During
Programming*   *Display*   *Arrow Keys*
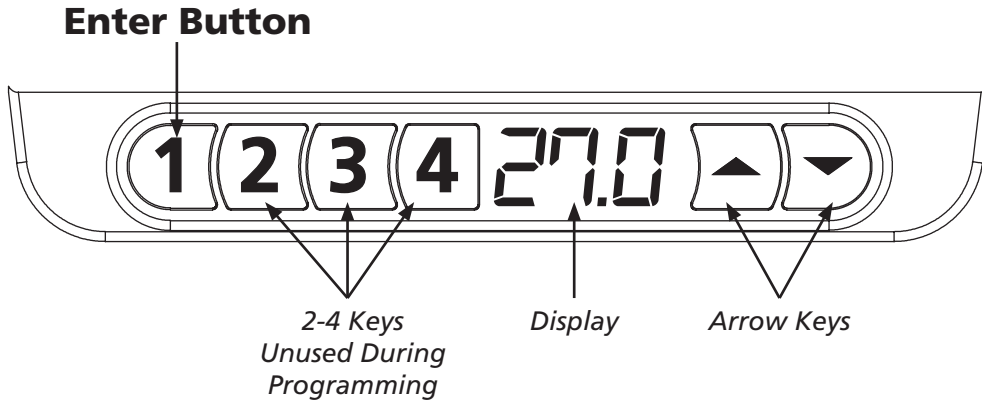
Setting Memory Positions 1 - 4

Setting the Preset 1 button

1. Move the workstation to the desired height using the ▲▼

2. Quickly press ▲ + ▲ + ▲ + ▲ to enter the menu mode.

3. P01 is displayed and you will hear a musical tone.

4. Press the ▲▼ to navigate the menu.

5. Navigate to the P01 display

6. Press the 1 button to enter or accept

A musical tone represents successfully changing the Preset 1 button.

Operation: move workstation to alternate height. Press and hold Preset 1 button. Workstation will move to preset height.

Setting the Preset 2 button

1. Move the workstation to the desired height using the ▲▼

2. Quickly press ▲ + ▲ + ▲ + ▲ to enter the menu mode.

3. P01 is displayed and you will hear a musical tone.

4. Press the ▲▼ to navigate the menu.

5. Navigate to the P02 display

6. Press the 1 button to enter or accept

A musical tone plays twice for successfully programming the Preset 2 button.

Operation: move workstation to alternate height. Press and hold Preset 2 button. Workstation will move to preset height.

Setting the Preset 3 button

1. Move the workstation to the desired height using the ⏶⏷

2. Quickly press ⏶ + ⏶ + ⏶ + ⏶ to enter the menu mode.

♪ 3. P01 is displayed and you will hear a musical tone.

4. Press the ⏶⏷ to navigate the menu.

5. Navigate to the P03 display

6. Press the ① button to enter or accept

♪ A musical tone plays three times for successfully programming the Preset 3 button.

ⅈ Operation: move workstation to alternate height. Press and hold Preset 3 button. Workstation will move to preset height.

Setting the Preset 4 button

1. Move the workstation to the desired height using the ⏶⏷

2. Quickly press ⏶ + ⏶ + ⏶ + ⏶ to enter the menu mode.

♪ 3. P01 is displayed and you will hear a musical tone.

4. Press the ⏶⏷ to navigate the menu.

5. Navigate to the P04 display

6. Press the ① button to enter or accept

♪ A musical tone plays three times for successfully programming the Preset 4 button.

ⅈ Operation: move workstation to alternate height. Press and hold Preset 4 button. Workstation will move to preset height.

One Touch/Short Press Memory Position mode – On/Off

| i | What is One Touch/Short Press?

One Touch/Short Press OFF: Press and hold the memory position buttons 1-4 until the workstation reaches its preset height.

One Touch/Short Press ON Press memory position buttons 1-4 for 1 second and the workstation automatically reaches its preset height.

| i | NOTE: The control box ships with the One Touch/Short Press Memory in the **OFF mode**.

Activate One Touch/Short Memory Position Mode:

1. Quickly press ⏶ + ⏶ + ⏶ + ⏶ to enter the menu mode.

2. P01 is displayed and you will hear a musical tone.

3. Press the ⏶⏷ to navigate the menu.

4. Navigate to the P05 display

5. Press the 1 to enter or accept

6. 1 2 3 4   ⏶⏷   One Touch/Short Press is **ON**.

   Change display to ┆ with ⏶⏷ to turn on the One Touch/Short Press mode.

7. Press the 1 button to enter or accept

A musical tone represents successfully changing the preset.

Setting Upper and Lower Container Stops

i Container stops allow the user to limit the travel of the workstation to avoid collision with common under desk and over desk items such as file cabinets, chairs, upper shelf, counter tops, etc.

NOTE: Container stops can be added and deleted at any time.

CAUTION: If the workstation loses power it requires performing a reset procedure. The workstation must be lowered beyond a lower container stop to the mechanical bottom.

Clear all objects under workstation before starting the reset procedure!

Setting the Lower Container Stop

i Move the workstation to the desired lower position (Note: the distance between the lower and upper stop must be at least 9-inches).

1. Quickly press ⏶ + ⏶ + ⏶ + ⏶ to enter the menu mode.

♪ 2. P01 is displayed and you will hear a musical tone.

3. Press the ⏶⏷ to navigate the menu.

4. Navigate to the P06 display

5. Press the ① button to enter or accept

♪ A musical tone represents successfully changing the Lower Container Stop.

Setting the Upper Container Stop

i Move the workstation to the desired upper position (Note: the distance between the lower and upper stop must be at least 9-inches).

1. Quickly press ⏶ + ⏶ + ⏶ + ⏶ to enter the menu mode.

♪ 2. P01 is displayed and you will hear a musical tone.

3. Press the ⏶⏷ to navigate the menu.

4. Navigate to the P07 display

5. Press the ① button to enter or accept

♪ A musical tone represents successfully changing the Upper Container Stop.

Removing the Upper and Lower Container Stops

[i] Removes the existing container stops from memory.

Removing Lower Container Stop

1. Move the workstation to its lowest position by pressing and holding the [▼] until it stops moving.

2. Quickly press [▲] + [▲] + [▲] + [▲] to enter the menu mode.

[♪] 3. PO1 is displayed and you will hear a musical tone.

4. Press the [▲][▼] to navigate the menu.

5. Navigate to the PO6 display

6. Press the [1] button to enter or accept

[♪] A musical tone represents successfully removing the Lower Container Stop.

Removing Upper Container Stops

1. Move workstation to highest position. Press and hold [▲] until workstation stops moving.

2. Quickly press [▲] + [▲] + [▲] + [▲] to enter the menu mode.

[♪] 3. PO1 is displayed and you will hear a musical tone.

4. Press the [▲][▼] to navigate the menu.

5. Navigate to the PO7 display

6. Press the [1] button to enter or accept

[♪] A musical tone represents successfully removing the Upper Container Stop.

Trouble Shooting

Display shows: [(1)(2)(3)(4) --- [▲][▼]]

The workstation requires a mechanical reset.

Press hold the [▼] until workstation has reached its lowest possible position.

Display shows: [(1)(2)(3)(4) CON [▲][▼]]

The connection between the control switch and the control box is temporarily disrupted.

Press the [▲][▼] button to test the connection. Move the workstation and reset control switch display.

Follow the Mechanical Reset Method A instructions below.

Mechanical Reset Mode

If the table is unresponsive, uneven, or not functioning properly, perform a manual reset.
User settings are not reset in this process.

There are three methods to reset a workstation:

Reset Method A

1. Clear all obstructions from the travel path of the workstation

2. Disconnect the power to the control box for 30 seconds.

3. Reconnect the power

4. Press and hold the ⏷ until the workstation has reached its lowest possible position.

Reset Method B (4 button programmable switch required)

1. Clear all obstructions from the travel path of the workstation

2. Quickly press ⏶+ ⏶+ ⏶+ ⏶ to enter the menu mode.

3. P0I is displayed and you will hear a musical tone. ♪

4. Press the ⏶⏷ to navigate the menu.

5. Navigate to the P09 display

6. Press the 1 button to enter or accept

7. Press and hold the ⏷ until the workstation has reached its lowest possible position.

The workstation is now ready to operate

Reset Method C - 2 Button Switch

1. Clear all obstructions from the travel path of the workstation

2. Quickly press ⏶+ ⏶+ ⏶+ ⏶ to enter the menu mode.

3. You will hear a musical tone. ♪

4. Press ⏷ + ⏷ + ⏷ + ⏷

5. You will reach the limit adjustment menu and hear four musical tones. ♪ ♪ ♪ ♪

6. Press and hold the ⏷ until the workstation has reached its lowest possible position.

The reference is re-calibrated, the table should be leveled and the height indication should be correct.