

LC3S0002DK-01  
LC3P0004DK-01  
LC3P0005DK-01  
LC3P0006DK-01

# LC3 Column Kit User Manual



This kit user manual does not replace the user manuals of the included products

## 1. Get your Plug & Play LC3 lifting column kit

You will receive the following parts:

- 1-4 [LC3 lifting column\(s\)](#)
- Black end plates
- Control box(es) [CO71](#) and blind plugs
- Junction box(es) [MJB5](#) and blind plugs
- Operating panel [TP1](#)
- Motor and mains cable



## 2. Mounting the column(s) and accessories

### Column(s)

- The lifting column can be mounted in both directions. Both IPX4 and IPX6 protections are obtained when mounting the largest profile upwards. When mounting the largest profile downwards, IPX4 is obtained.
- The optional end plates offer easy mounting of the column(s) to e.g. worktops and directly on the floor. Start by mounting the bottom plate with the 4 x 45 mm M10 screws and repeat this process for the top plate with the 4 x 35 mm screws. Lastly, mount the column(s) in the application by using the 4 x M10 holes located in the top and bottom plates.



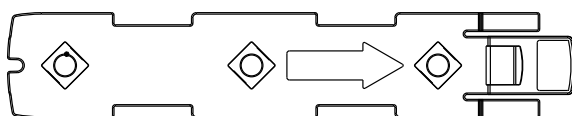
If mounting more than one column: Fixate all columns to the worktop. If the application needs to be fixated to a firm foundation/base, only fixate one column to the foundation/base to prevent the columns from bending if they do not move in perfect parallel.

### Control box and operating panel

- It is recommended that the control box CO71 is mounted in a position that allows water to escape. Mount the control box using the bracket with M4 nuts (see picture below). Open the lid of the box with a slotted screw driver to mount the cables.
- Mount the operating panel on a surface using the panel mounting bracket (see picture below).

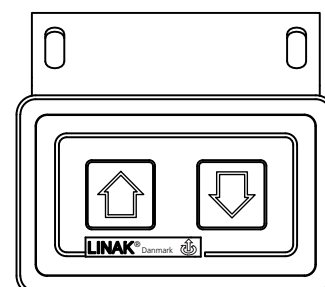
#### Control box mounting bracket

The bracket has 3 x M4 holes for mounting of the control box



#### Panel mounting bracket

The operating panel TP1 is mounted with a 45° bracket

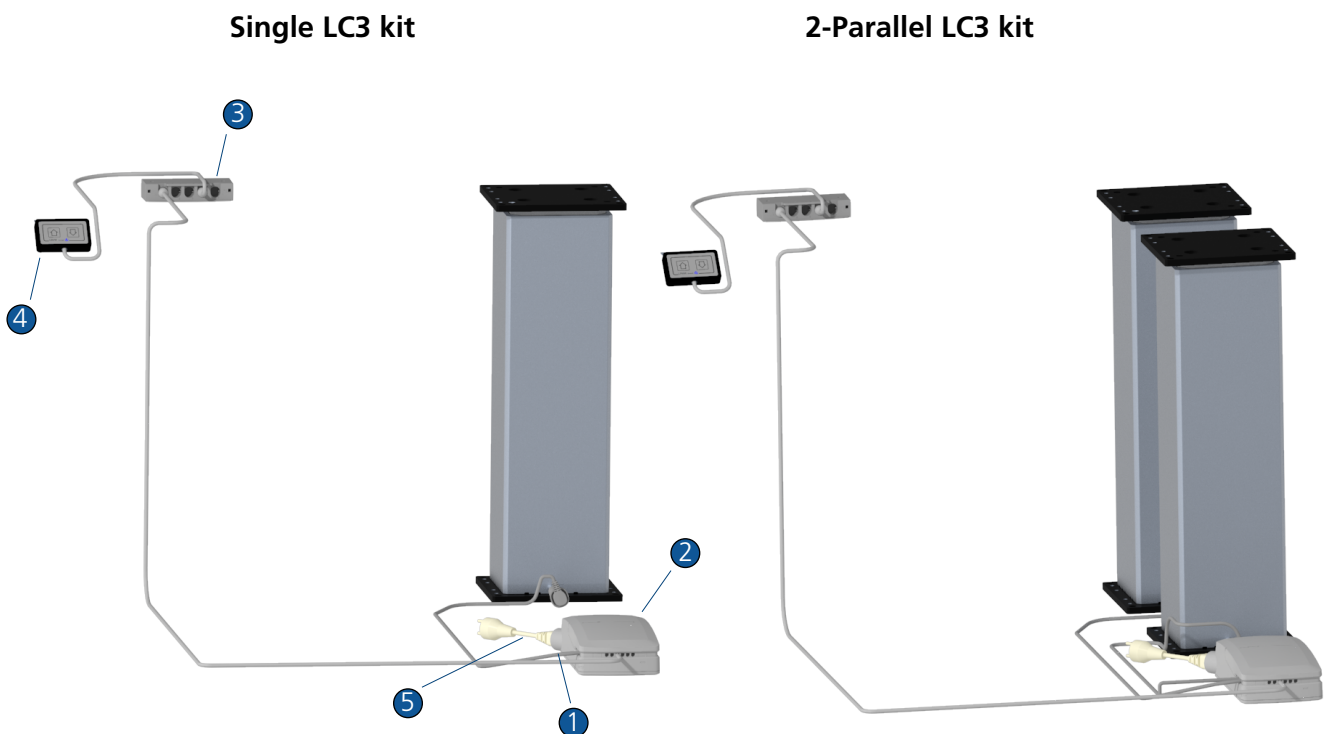


### 3. Connect the column kit

Depending on how many columns there are in the kit, follow the corresponding guide on the following pages.

#### Single and 2-Parallel kits

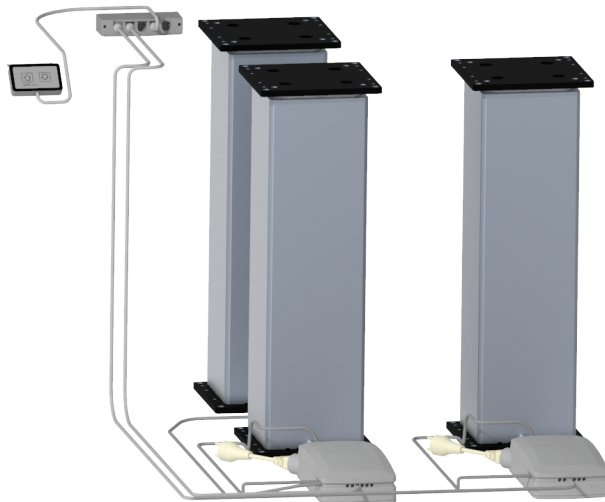
1. Connect the first lifting column using the angled motor cable ①. Remember to install the locking ring on the female mini-fit connector to keep the cables fastened. Then connect to the control box ②; channel 2
  - 1.1. If 2 columns: Connect the 2<sup>nd</sup> column to channel 4 in the control box ②.
2. Connect the control box ② from the center socket to the junction box ③, port 1. Use the straight cable with modular plugs.
3. Connect the operating panel ④ to the junction box ③, port 4.
4. Mount the blind plugs on the open ports of the junction box ③ and inside the control box ②. Close the lid tightly on the control box ② and close the junction box ③ by sliding the cable lock into place.
5. Check that the voltage stated on the label on the control box ② corresponds to the mains power. Plug in the mains cable ⑤ and switch on the power.
6. Press and hold both arrows on the operating panel ④ until the column(s) is/are fully retracted and stops running. The system is ready.



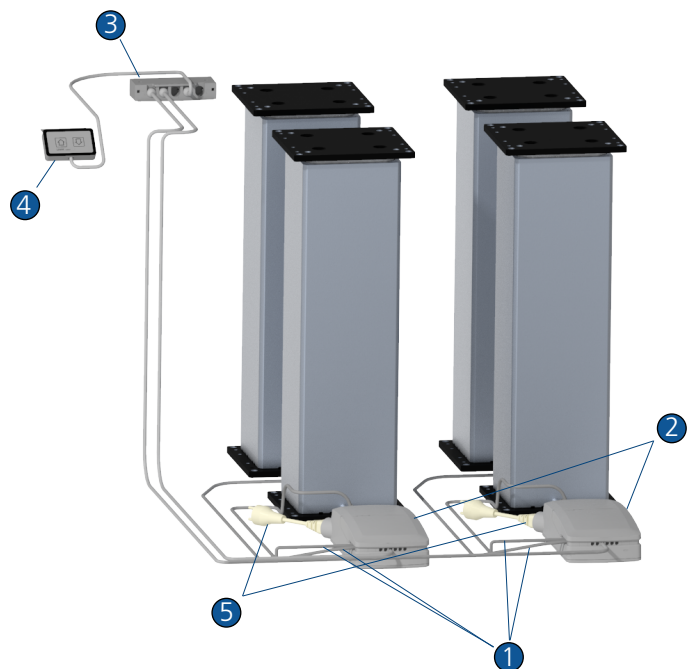
### 3- and 4-Parallel kits

1. Connect the first lifting column using the angled motor cable ①. Remember to install the locking ring on the female mini-fit connector to keep the cables fastened. Then connect to the control box ②; channel 2.
  - Connect the 2<sup>nd</sup> column to channel 4 in the same control box
  - Connect the 3<sup>rd</sup> column to channel 2 in control box 2
  - Connect the 4<sup>th</sup> column to channel 4 in control box 2
2. Connect the two control boxes ② from the center sockets to the junction box ③ MJB5094001-1323, port 1-2. Use the straight signal cables.
3. Connect the operating panel ④ to the junction box ③; port 5. Port 5 is only used for the initialisation process (not shown in the picture below).
4. Check that the voltage stated on the label on the control box ② corresponds to the mains power. Plug in the mains cable ⑤ and switch on the power.
5. Press and hold both arrow buttons on the operating panel ④ until the column(s) is/are fully retracted and stops running. Switch the plug of the operating panel cable from port 5 to port 4.
6. Mount the blind plugs on the open ports of the junction box and inside the control box. Close the lid tightly on the control box and close the junction box by sliding the cable lock into place. The system is ready.

3-Parallel LC3 kit



4-Parallel LC3 kit



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