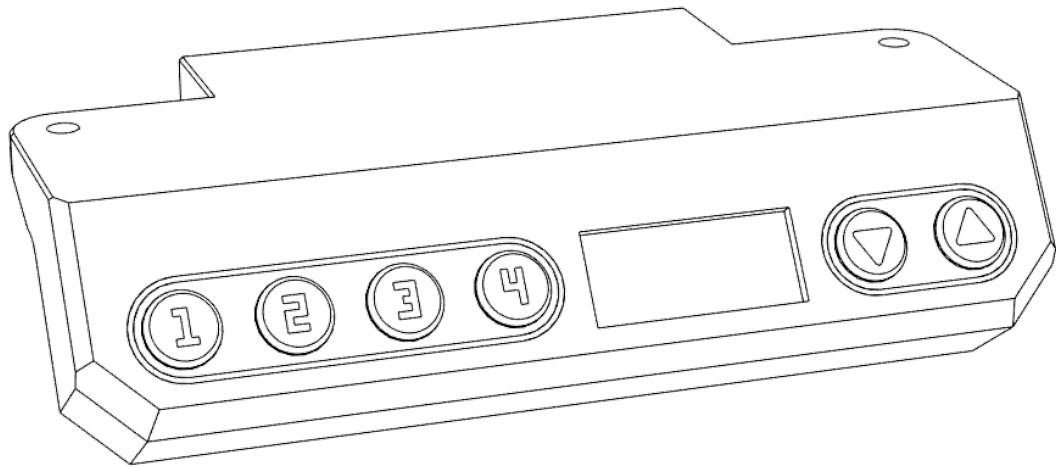


# LYFT mk2



**User Manual**



LYFT<sup>mk2</sup> is a sophisticated remote control for electric height adjustable desks, compatible with the famous IKEA BEKANT desk. Designed as a plug & play solution, you can easily replace your originally provided remote control. LYFT<sup>mk2</sup> comes completely assembled and is ready to use out of the box.

This project is an open-source DIY project and comes therefore without any liability or warranty. Usage of LYFT<sup>mk2</sup> is always at your own risk. The originator is not liable of any damage the remote might cause. All source files are published on GitHub ([github.com/mgkoenig/lyft\\_mk2](https://github.com/mgkoenig/lyft_mk2)) and licenced under the MIT license. Feel free to take a closer look at the design or to improve LYFT<sup>mk2</sup> with even more useful features customised to your needs.

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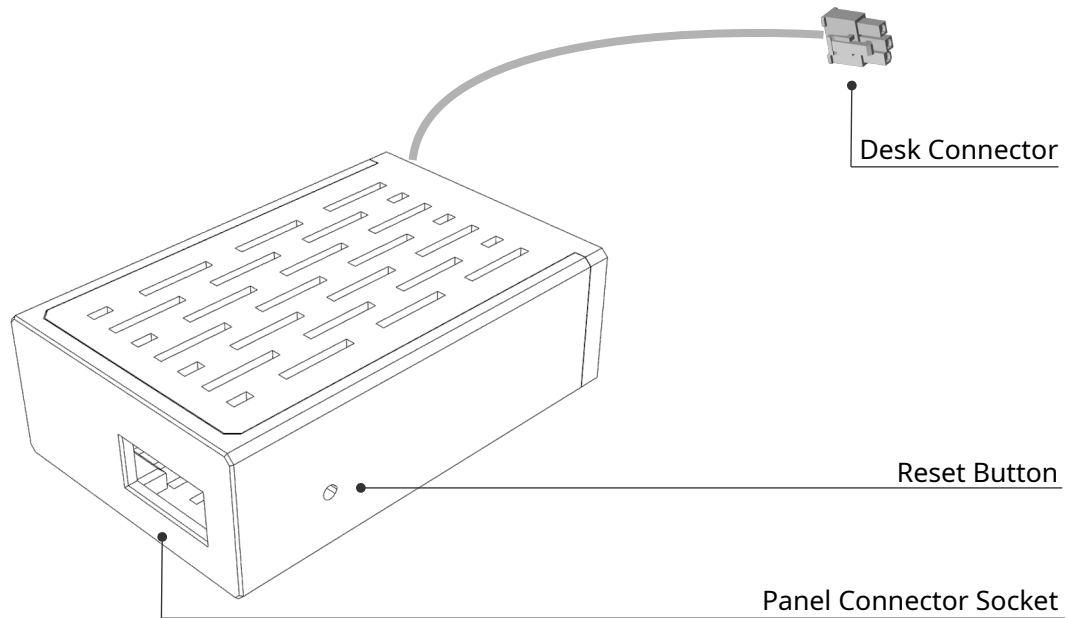
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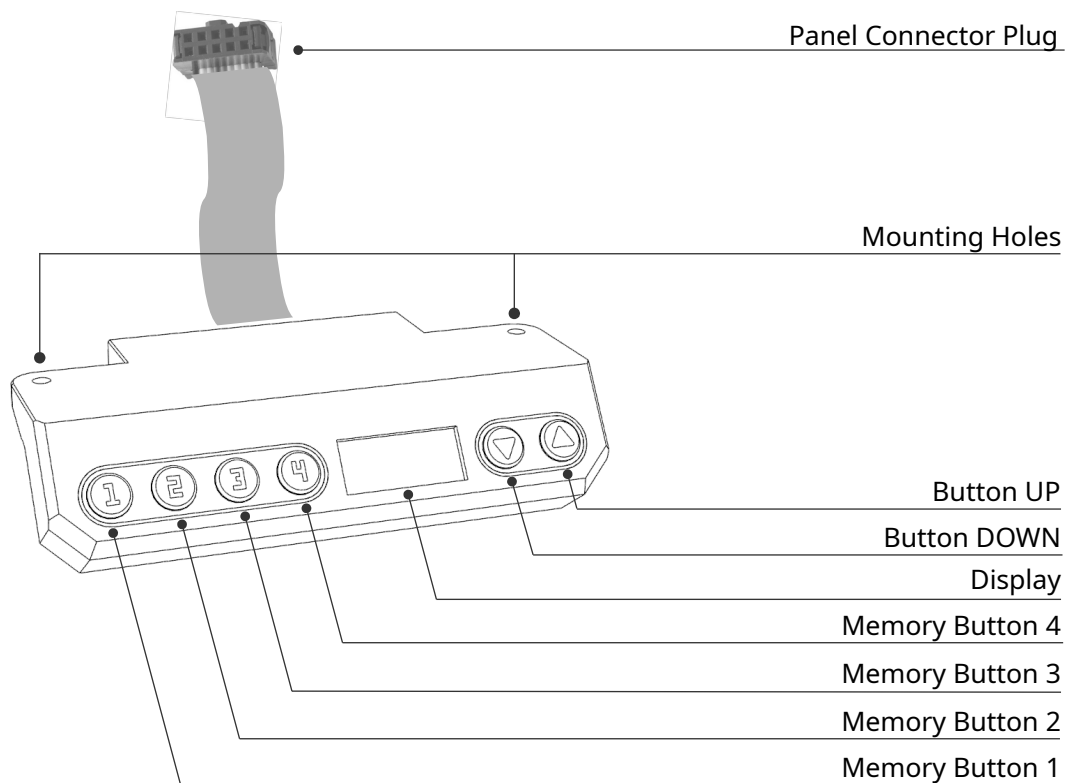
# FUNCTIONAL LAYOUT



## The Processing Unit



## The Control Panel

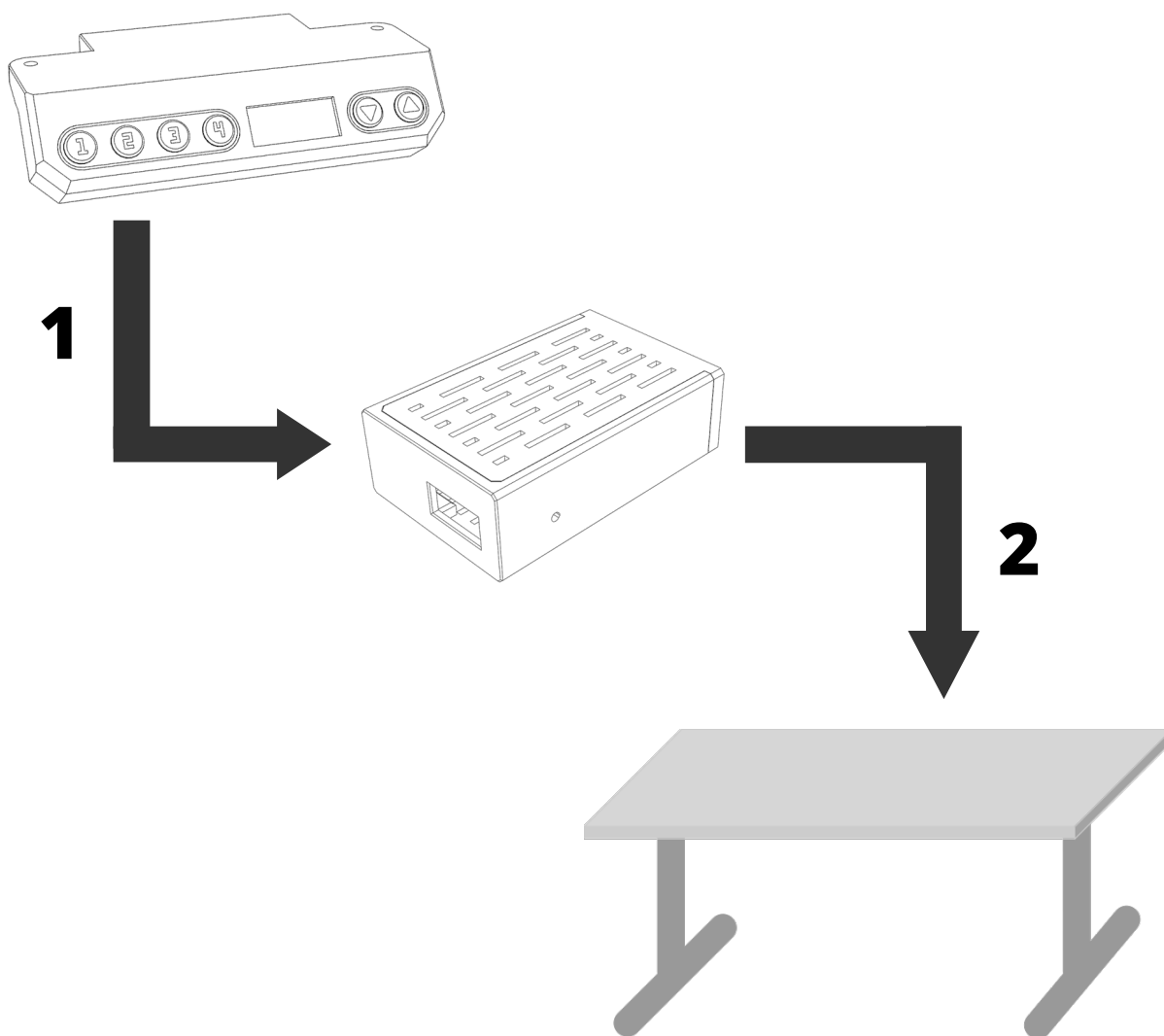


# INSTALLATION



In order to use LYFT<sup>mk2</sup>, choose your preferred handling side and mount the control panel on the bottom edge of the desk. Use the destined mounting holes on the housing. Since no screws are provided with the shipment, you might use the original screws which were delivered together with the desk or use any two conventional [3 x 16mm] or [4 x 5/8"] wood screws instead. The processing unit can be stored in the mesh tray under the tabletop.

It's absolutely necessary to connect all devices in the correct order. First, the control panel must be connected with the processing unit. After that, the processing unit can be connected to the desk.

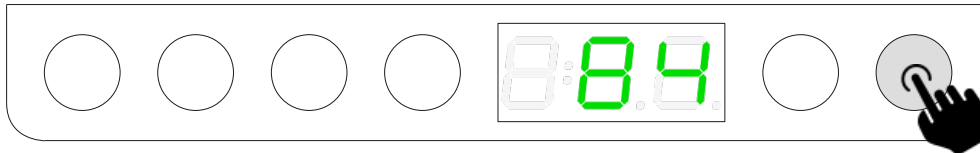


It takes about 5 seconds for the remote control to be ready for use after being plugged in.



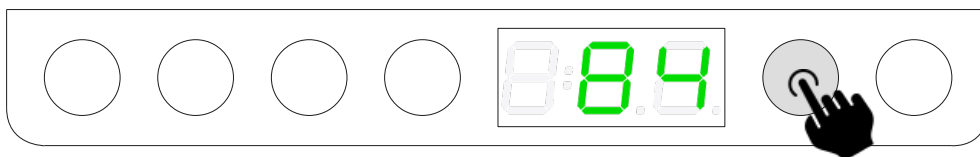
### MOVING UP

To move your desk upwards, just **press and hold** the **UP button** on your LYFT remote control. The motors will automatically stop as soon as you release the button or the upper limit of the height is reached.



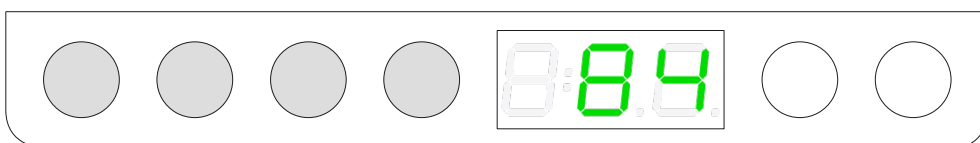
### MOVING DOWN

To move your desk downwards, just **press and hold** the **DOWN button** on your LYFT remote control. The motors will automatically stop as soon as you release the button or the lower limit of the height is reached.



### MOVING TO A SAVED POSITION

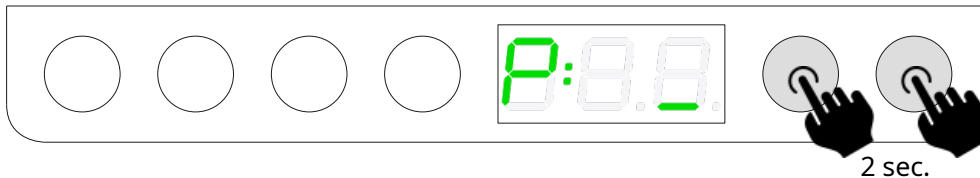
If you have previously saved a comfortable desk position to one of the memory buttons (see the description in the upcoming settings chapter), you can move the desk to this height by pressing the corresponding button.





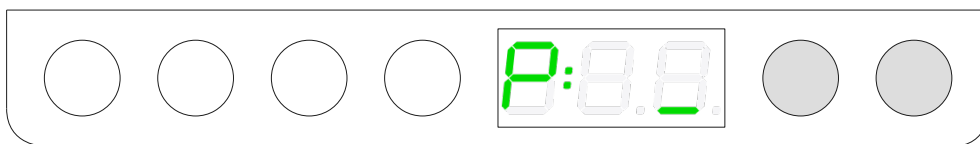
## ENTER THE SETTINGS MENU

In order to make any changes of the settings or to save a current desk position, you need to enter the settings menu. The menu is accessed by pressing the **UP and DOWN** buttons **simultaneously** for at least **2 seconds**.



## NAVIGATE THE SETTINGS MENU

You can walk through the settings menu by using the UP and DOWN buttons to scroll to the next or previous page respectively.

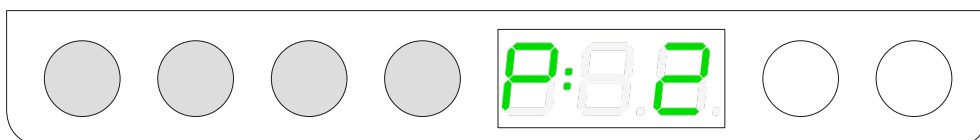


## LEAVE THE SETTINGS MENU

To exit the settings menu nothing special has to be done. Six seconds after the last button was pressed, the menu will save all its current settings and return to its default screen, showing the desk height.

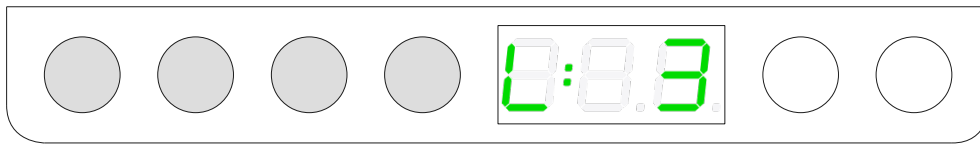
## SAVE A POSITION [P]

To save the current desk position, just enter the settings menu. The first entry of the menu shows a [P] which stands for position. By pushing one of the four memory buttons you will save the current height to the selected button.



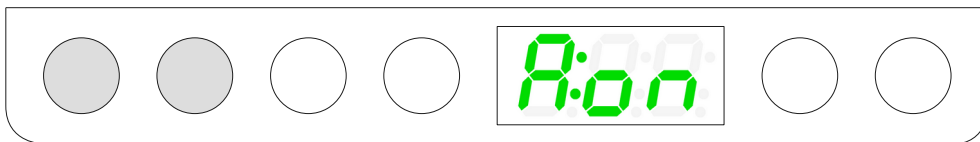
## **DISPLAY BRIGHTNESS [L]**

You can change the brightness of the display to four different levels. Navigate within the settings menu to page [L]. Then, select the intensity by pushing one of the four memory buttons. Each button sets the brightness to a pre-defined value.



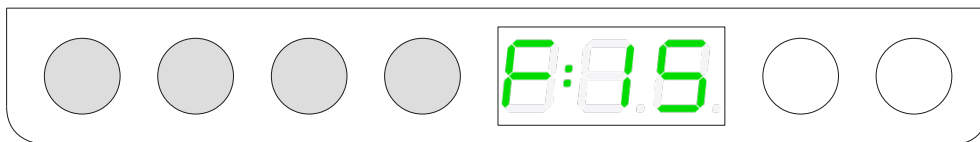
## **AUDIO CONTROL [A]**

LYFT<sup>mk2</sup> is equipped with a built-in audio transducer to generate audio signals and alarms. Navigate to menu page [A] to enable or disable these alarms.



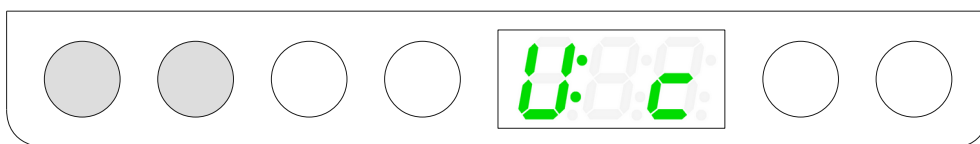
## **DISPLAY-ON TIME [F]**

After pushing a button or adjusting the desk height to your preferred position, the display will stay on for a couple of seconds. You can change the display-on time on menu page [F]. Choose between 5, 10, 15, or 20 seconds display-on time using the memory buttons.



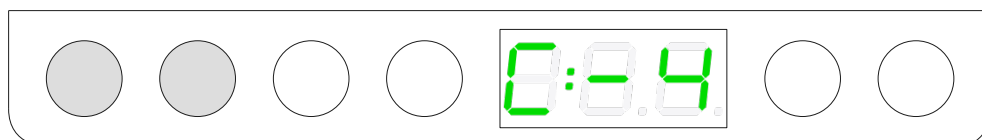
## **MEASUREMENT UNIT [U]**

By default the height of the desk is shown in centimetres. However, you can change the displayed unit to inch. Go to the unit page [U] within the menu and select your preferred measurement unit using memory button 1 or 2.



## **LEVEL CORRECTION [C]**

The shown desk height might not be accurate due to level adjustment screws or a thicker tabletop. Therefore, you have the opportunity to tune the displayed position. Go to the level correction page [C] and set an offset value to the current height. The offset range is between plus/minus 9 centimetres. The offset value is always set as centimetre value – no matter which measurement unit you have selected. Use memory buttons 1 or 2 to increase or decrease the value.



## **TROUBLESHOOTING**



In rare cases, it might happen that the motors don't respond to entries of the LYFT <sup>mk2</sup> remote. In such a case, please disconnect your IKEA BEKANT desk from the power outlet for five minutes (it takes that long to discharge all remaining power) and try again. You can still double-check the flawless operation of your desk using the original remote control.

## **ACKNOWLEDGMENTS**



All icons by icons8.com.