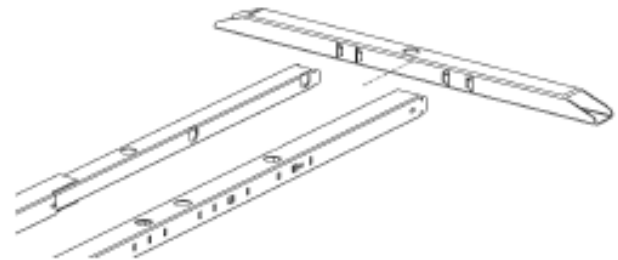
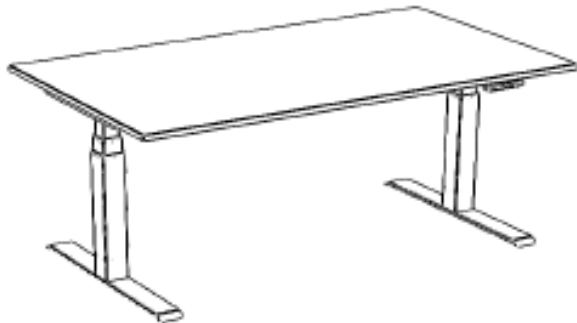
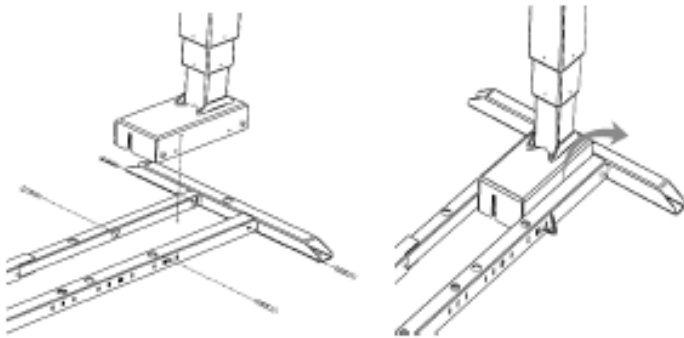


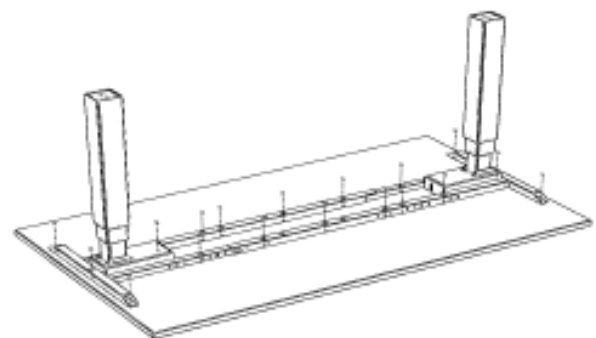
Assembling manual for telescopic sit/stand solo table.



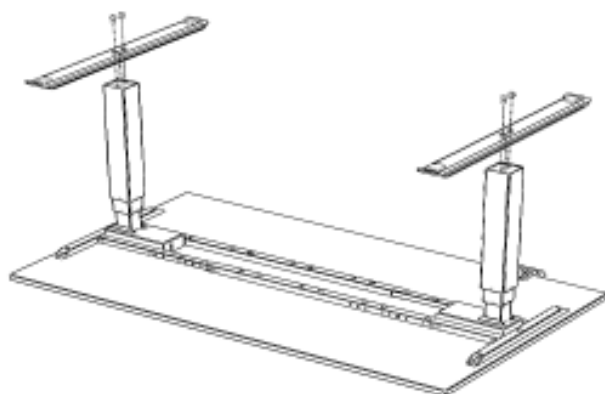
1. Place the middle tubes inside the cutout.
PAY ATTENTION TO TUBE POSITIONS
2. Press side tubes towards each other.



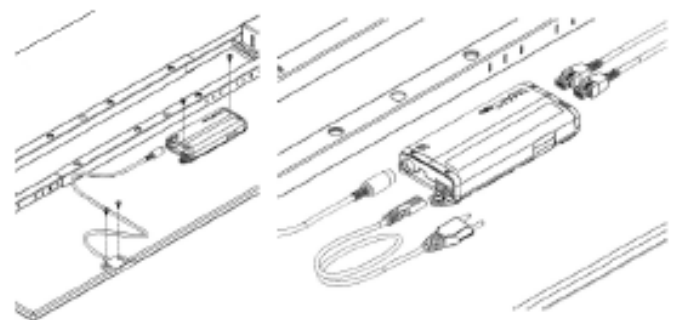
3. Place the legs into the top frame – in the cutouts.
4. Use 4mm hex key to tighten the bolts.



5. Place the table frame on the table top.
6. Attach table frame to the table top using wood screws.



7. Attach table feet to the table legs using M10x16mm bolts and 8mm hex key.



8. Attach the power box and handswitch to the table top using wood screws.
9. Plug all the cables in to the power box – **POWER CABLE SHOULD BE CONNECTED AS LAST!**

Setting up the table:

1. Plug the table in to the power socket.
2. Press and hold the “DOWN” button on the hand control – table will move a bit down and jump back up.
3. Table is ready for use!

HANDLEIDING LINEAFLEX MRC PRO-L

MANUAL

Document Version 2.0 / October 2019



HSU-FL








Valid for:

HSU-C-FL-LD


HANDLEIDING LINEAFLEX MRC PRO-L

This section of the Operating Manual contains a selection of instructions for operating the Table System to which the HSU Handset is connected. HSU Handsets are compatible with a large number of LOGICDATA Control Boxes. Before using the Table System, you must also read the Operating Manual for the installed Control Box, including all relevant safety information, in full.

Handset Keys are represented as follows for further description:


	UP Key
	DOWN Key
	SAVE Key
	Memory Position Key 1
	Memory Position Key 2
	Memory Position Key 3
	Memory Position Key 4

7.1 ADJUSTING THE TABLE TOP HEIGHT


-  **CAUTION** **Risk of minor or moderate injury through crushing**
Your fingers may be crushed when you attempt to change the height of the table
- Keep fingers away from moving parts
 - Ensure that no persons or objects are in the table's range of motion

INFO The Table Top will move up or down until the UP or DOWN Key is released, or if a pre-defined stopping point has been reached.

To move the Table Top UP:

	Press and hold the UP Key until the desired height has been reached
---	---







To move the Table Top DOWN:

	Press and hold the DOWN Key until the desired height has been reached
---	---

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7.2 SAVING A MEMORY POSITION

This function saves a set Table Top position. One Memory Position can be saved per Memory Position Key.

	1. Move the table to the desired height
	▶ The display shows the Table Top height (e.g. 73 cm)
	2. Press the SAVE Key.
	3. Press the Memory Position Key (e.g. 2)
	▶ The display shows S 2
	▶ After about two seconds, the Table Top height is displayed again

7.3 ADJUSTING THE TABLE TO A MEMORY POSITION

Version A (without double-click function):

	1. Press and hold the required Memory Position Key (e.g. 2).
	▶ The Table Top will move until the saved Table Top height has been reached. If you release the Key before the Memory Position is reached, the table will stop.
	2. Release the Memory Position Key
	▶ The display shows the Table Top height (e.g. 73 cm)

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MANUAL

Document Version 5.0 / March 2020



SMARTneo-2G

HANDLEIDING LINEAFLEX MRC PRO-L

4 PRODUCT

The SMARTneo-2G is a Control Box for height-adjustable tables. There are variants of the SMARTneo-2G for specific domestic mains power supplies (e.g. EU or US). The exact variant is denoted by the product's order code. Consult the accompanying Datasheet to ensure that you have received the correct variant. The functions your SMARTneo-2G Control Box can fulfil is also dependent on parameterization (see Chapter 8 Software Dependent Functions).

4.1 KEY PRODUCT FEATURES

4.1.1 PLUG PORTS AND CONNECTIONS

You must read the full product documentation of each product you are connecting to the SMARTneo-2G to ensure correct assembly and the safety of all users. Fig. 1 shows all the plug ports and connections featured in the SMARTneo-2G.

The SMARTneo-2G has connection points for the following product types:

- Actuators
- Hand Controls
- Power Input (Mains or Battery Pack)
- Communication cable (Cascading)

1	Hand Control Port (HC)
2	AC Input Port (Power Cable)
3	DC/Com Port
4	Motor Port 1 (M1)
5	Motor Port 2 (M2)



Fig. 1: SMARTneo-2G Connection Points

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6.7 PERFORMING A POSITION RESET PROCEDURE

⚠ CAUTION **Risk of minor or moderate injury through crushing**
Collision Detection (ISP) is inactive during start-up and reset processes. This may lead to minor or moderate injury through crushing.

- Ensure that no persons or objects are in the table's range of motion



NOTICE Operating the table system when it is not properly connected can damage the product.

- Ensure all Cables are properly connected
- Ensure that all required Actuators are ready to be operated
- Do not operate the Table System until it is properly connected

The Position Reset Procedure is used to align the position of the Actuators within the Table System. You must perform a Position Reset Procedure before using the SMARTneo-2G for the first time.

It is possible to perform a Position Reset Procedure with all types of compatible User Interface. However, this section describes performing a Position Reset Procedure for Table Systems controlled by a Hand Control with an UP Key and DOWN Key (Comfort or Basic Hand Controls).

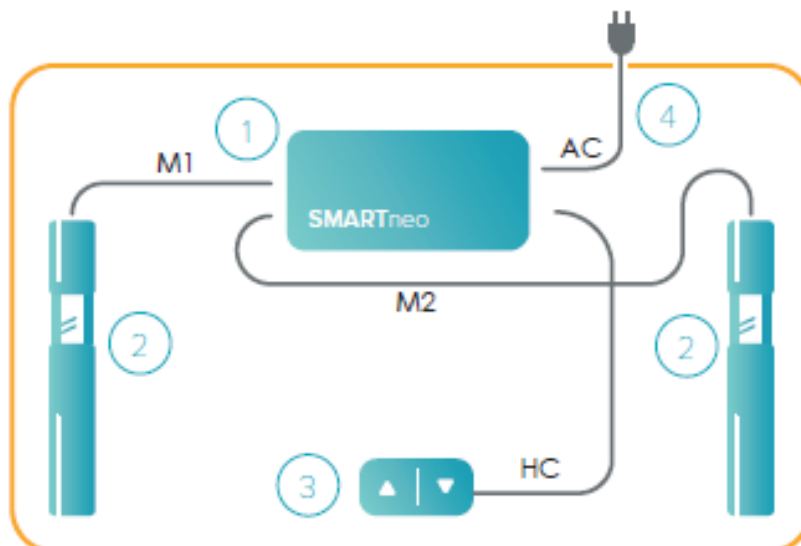
If your SMARTneo-2G is operated by a different User Interface, consult that product's operating Manual for instructions on performing a Position Reset Procedure.

	1. Press and hold the DOWN Key until the table stops at the lower position limit
	2. Release the DOWN Key
	3. Press and hold the DOWN Key again <ul style="list-style-type: none">▶ The table will move down slightly then up again
	4. Release the DOWN Key <ul style="list-style-type: none">▶ The Position Reset Procedure is complete.

INFO If your SMARTneo-2G has been parameterized with additional stopping points (e.g. a Container Stop Position), repeat Step 3 until the table has moved upwards again.

6.8 CONFIGURATION EXAMPLE




1	SMARTneo-2G Control Box
2	Actuators (e.g. SLIMdrive-500 or SLIMdrive-660s)
3	User interface (see Chapter 6.3)
4	Mains cable



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8.2 SAFETY AREA






This function causes a safety stop at a defined Table Top height, which is set through the product's software.

INFO	You cannot save table positions that fall within the safety area.
 CAUTION	Risk of minor or moderate injury through crushing Collision Detection (ISP) is inactive in the Safety Area. This may lead to minor or moderate injury through crushing. <ul style="list-style-type: none">• Ensure that no persons or objects are in the table's range of motion
	Press and hold the DOWN Key <ul style="list-style-type: none">▶ The Table Top is adjusted to the start of the Safety Area▶ The Table Top stops moving when the Safety Area is reached
	Press the DOWN Key again to move into the Safety Area

8.3 FACTORY RESET (S0 RESET)

With this function, you can reset the SMARTneo-2G to its factory settings.

8.3.2 USING A COMFORT HAND CONTROL

	Press and hold the following Keys for 3 seconds: <ul style="list-style-type: none">• Memory Position Keys 1 and 2• UP Key
	The display shows S and a number (e.g. S 4)
	Press the DOWN Key until the display shows S 0.
	The display shows S 0.
	Press the SAVE Key .
	The SMARTneo-2G has now been reset to its factory settings. It is now in the same state as it was during the first start-up.



8.4 CONTAINER STOP AND SHELF STOP POSITIONS

These features can limit the movement area of the Table Top (if e.g. a container is below the table or a shelf is above it). Container Stop Positions become the new lowest end position, Shelf Stop Positions the highest.



INFO	Container Stop Positions can only be saved only in the lower half of the movement area, Shelf Stop Positions in the upper half. You must set each position separately.
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8.4.2 USING A COMFORT HAND CONTROL

To Save a Container Stop or Shelf Stop Position:

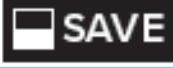






	1. Press the UP or DOWN Key to move the Table Top to the desired position
	2. Press and hold the SAVE Key for 10 seconds <ul style="list-style-type: none">▶ The Control Box will click twice.▶ The Container Stop / Shelf Stop Position is saved

To Delete a Container or Shelf Stop Position:

	1. Press the UP or DOWN Key to move the Table Top to the top half (to delete a Shelf Stop Position) or bottom half (Container Stop Position) of the movement area.
	2. Press and hold the SAVE Key for 10 seconds <ul style="list-style-type: none">▶ The Control Box will click once.▶ The Container Stop / Shelf Stop Position is deleted


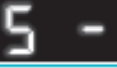



8.5 CORRECTING THE HEIGHT DISPLAY

This feature changes the height displayed on the Hand Control. It does not affect the table's actual height.

	1. Press the SAVE Key
	▶ The display shows S - .
	2. Press and hold the DOWN Key for approximately 5 seconds.
	▶ The display starts to flash.
	3. Use the UP Key or DOWN Key to set the new height
	4. Press the SAVE Key
	▶ The height display is now set to the new Table Top height.

8.6 CHANGING THE DISPLAYED UNIT OF MEASUREMENT (CM / INCH)

Comfort Hand Controls can display the height of the Table Top in both centimeters and inches. To change the displayed unit of measurement:

	Press and hold the following Keys for 3 seconds: <ul style="list-style-type: none">• Memory Position Keys 1 and 2• UP Key
	▶ The display shows S and a number, e.g. S 7 .
	2. Press the button UP Key until the display shows S 5 .
	▶ The display shows S 5 .
	3. Press the SAVE Key <ul style="list-style-type: none">▶ If the display was previously set to cm, it is now set to inches.▶ If the display was previously set to inches, it is now set to cm.

10 TROUBLESHOOTING

10.1 POSSIBLE PROBLEMS AND THEIR SOLUTIONS

Problem	Possible cause	Solution
The Table does not move	The system is not plugged in	Ensure that the system has been connected correctly
	The Actuator is not connected properly	Ensure that the Actuator is properly connected to all components of the system
	Poor plug connection	Ensure that all plugs have been connected properly
	The Actuator is defective	Replace the Actuator. Contact LOGICDATA if the problem persists
	The User Interface is defective	Replace the User Interface. Contact LOGICDATA if the problem persists
The Table only moves downwards	There was power failure while the table was in motion	Perform a Position Reset Procedure (see Chapter 4.7 Performing a Position Reset Procedure)
	The Power Unit was disconnected while the device was in motion	
	Realignment required	
	The Actuator is defective	Replace the Actuator. Contact LOGICDATA if the problem persists
The User Interface does not work	The User Interface is defective	Replace the User Interface. Contact LOGICDATA if the problem persists
	The User Interface is not connected properly	Ensure that the User Interface is properly connected to the Control Box.

10.2 CLICK CODES



As soon as the SMARTneo-2G is connected, the control box uses installed relays to inform the user about system status and the reason for the last shutdown:

Code	Message
2x	Normal operation: The system is working normally.
1x	Emergency operation: The system is in emergency operation mode. The Actuators cannot be used. Check the error code.
3- 6x	Last shut-off incomplete / forced reset: Check the error code. If the control box could not complete a data-saving process before power was lost, it will click 4-5 times during its next start-up and go into reset mode. Error code 81 will not be shown in this case.

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10.3 ERROR MESSAGES ON THE DISPLAY

When a Comfort Hand Control is installed, error messages are displayed on the digital display panel.








Signal	Message	Required Actions
 The display shows "Hot".	Overheating protection has been activated. Duty cycle possibly exceed.	Wait for the overheated components to cool.
 The display shows an error number.	An internal error has occurred.	Read the table below to find the correct response to the error code shown.

11.2.3 DISABLING LIGHT BARRIER DETECTION (S3 MENU)

INFO	In Cascading Systems, you must perform this function in single mode for each SMARTneo-2G in the system.
INFO	This process is "resistant" to the Factory Reset. This means that resetting to Factory Settings will not affect the on/off status of the Light Barrier Sensor.

In certain assembly variants, it may not be possible to achieve accurate readings from the integrated Light Barrier sensor. In this case, it is possible to manually switch the Light Barrier on and off. LOGICDATA does not recommend using the SMARTneo without a functioning ISP sensor. To avoid system damage, the Light Barrier should only be switched off when absolutely necessary, and only with prior approval from LOGICDATA.

To enable or disable the Light Barrier Sensor:

	1. Press the Memory Position Keys 1 and 2 and the UP Key for 3 seconds .
	▶ The display will show S and a number, e.g. S 5 .
	2. Press the UP Key until the display shows S 3 .
	▶ The display shows S 3 .
	3. Press the SAVE Key ▶ The display will show the current off/on status of the Light Barrier (1 for on, 0 for off)
	4. Select the desired off/on status of the Light Barrier (1 for on, 0 for off) with the UP or DOWN Key .
	5. Press the SAVE Key to confirm the changes to settings. ▶ The Control Box will click twice.
	6. Perform a Position Reset Procedure to complete the change (Chapter 6.7)