

User Manual - Desk Control Switch.

Please refer to a physical sample.
Pictures are for an indicative reference only.
Actual product may vary slightly.



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Warning!

Failure to comply with these instructions may result in accidents involving damage to the product or serious personal injury.

General

Safe use of the system is possible only when the operating instructions are read completely and the instructions contained are strictly observed.

- It is important for everyone who is to connect, install, or use the systems to have the necessary information and access to this User Manual.
- Follow the instructions for mounting – risk of injury if these instructions are not followed.
- The appliance is not intended for use by young children or infirm persons without supervision.
- If there is visible damage on the product it must not be installed.
- Maximum weight capacity for straight desk: 130kg. Maximum weight capacity for corner desk: 190kg
- Note that during construction of applications, in which the actuator is to be fitted, there must be no possibility of personal injury, for example the squeezing of fingers or arms.
- Assure free space for movement of application in both directions to avoid blockade.
- Persons who do not have the necessary experience or knowledge of the product/products must not use the product/products.
- Besides, persons with reduced physical, sensory or mental abilities must not use the product/products, unless they are under surveillance or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons.
- Moreover, children must be under surveillance to ensure that they do not play with the product.

Misuse

- Do not overload the actuators – this can cause danger of personal injury and damage to the system.
- Do not use the actuator system for lifting persons. Do not sit or stand on a table while operating – risk of personal injury.
- Do not use the system in environments other than the intended indoor use

Repairs

- In order to avoid the risk of malfunction, the Electric Sit to Stand Table / Desk / Workstation frame repairs must only be carried out by authorised WCF technicians.

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Table / Desk / Workstation Switch

The switch has three operation buttons (**Please remove and discard QR Code sticker before use**)



Please remove and discard QR Code sticker before use.
Scan QR Code for the latest manual.

Each button has a specific function:

Symbol	Description	Function
	Reminder	Setting reminders
	Bluetooth®	Connecting the Desk Control™ App via Bluetooth® wireless technology
	Favourite	Saving favourite positions

Display

The switch has an OLED display, which shows the height during drive of the desk and many other texts to guide the users.

Adjusting the displayed height of the desk

If the height shown in the display is not correct, it can be adjusted.

1. Press the and the buttons on the switch at the same time for five seconds and the height in the display starts to flash.
2. Tilt the switch to change the displayed height without moving the desk. Tilt up to increase the displayed height, tilt down to decrease the displayed height.
3. Press any button to confirm the height or wait for 10 seconds for automatic confirmation.

Changing the measurement unit

The measurement unit shown in the display can be set to either cm or inch.

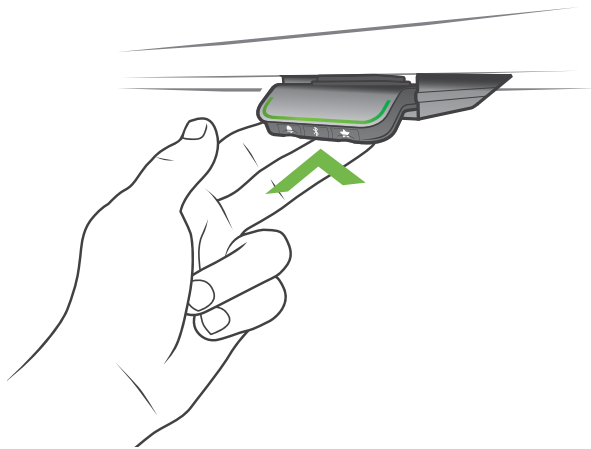
1. Press and buttons on switch at the same time for five seconds and the current measurement unit flashes in display.
2. When e.g. "CM" flashes in display, tilt switch once to change measurement unit to inch. "INCH" now flashes in display.
3. Press any button to confirm measurement unit or wait for 10 seconds for automatic confirmation.

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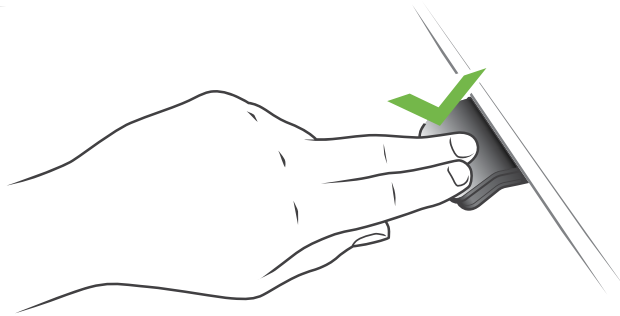
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Operate the desk panel by tilting it.

1. Tilt and hold up switch to drive desk up, press and hold down switch to drive desk down.
2. Release switch when you have reached your requested position.



Tilt and hold the switch to drive the desk up



Press and hold the switch to drive the desk down



Desk height limits

In case the desk cannot be operated in its entire span (e.g. a shelf is blocking the upwards movement or a filing cabinet is placed under the desk and blocking the downwards movement), it is possible to set an upper limit and a lower limit for the desk height.



Note:

It must always be possible to drive the desk to its minimum height in case initialisation is required. During initialisation items placed under the desk must be removed.

Setting upper limit

1. Adjust desk to maximum allowable height.
2. Press  and tilt switch up at the same time for 8 seconds until light flashes.
3. Release  and switch.

Setting lower limit

1. Adjust desk to minimum allowable height.
2. Press  and press switch down at the same time for 8 seconds until light flashes.
3. Release  and switch.

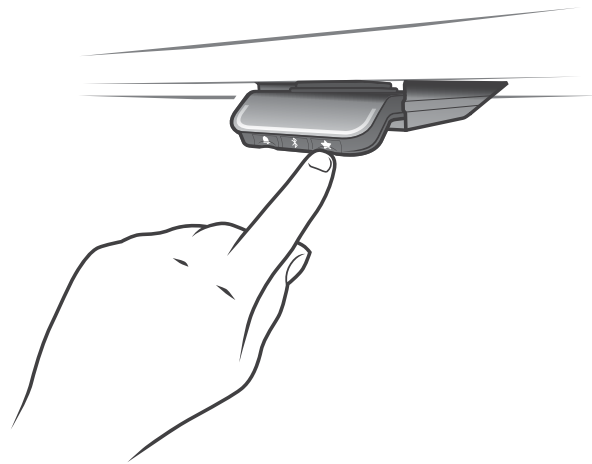
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Favourite positions

Saving favourite positions 1 and 2

1. Adjust desk to a preferred position.
2. Press ★ button for two seconds.



Saving favourite positions

The light strip flashes white two times to indicate that saving the position is in progress. Not until the light strip becomes static white, has the position been saved. The display indicates the saved position with a ★ and a position number. The number next to the ★ indicates the order in which the positions are saved.

- First position saved: "1" is displayed next to the ★.
- Second position saved: "2" is displayed next to the ★.

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If the user adjusts the desk to another position and saves this position, it will overwrite the favourite position (1 or 2) closest to the current position.

Saving favourite positions 3 and 4

1. Press ★ button shortly to make display toggle through the four favourite positions (with position ★ number next to it).
2. Toggle through these four favourite positions in display and choose which one to save current position as.
E.g. a user wants to save the current position as favourite position 3:
3. Press the ★ button and toggle to the ★ with "3" next to it.
4. Press ★ button for two seconds and favourite position is saved.

Note:

Favourite positions 3 and 4 can be disabled via the switch configurator

Driving to favourite positions

After saving the favourite positions, the user can reach the positions simply by tilting/pressing the switch.

1. Tilt/press and hold - when a saved position has been reached, the desk stops.
2. Release switch within one second.

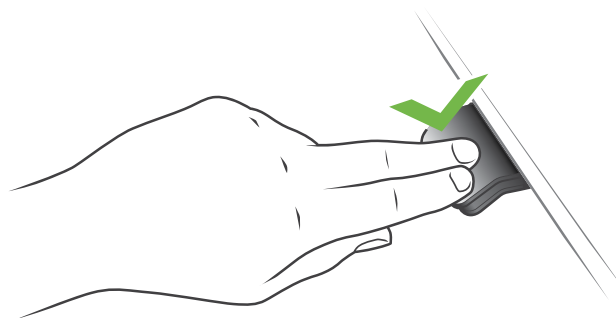
This way the user can easily change between sitting and standing height without looking at the switch in the meantime. During desk driving, the display will show the height of the desk. When a favourite position has been reached, the display shows a ★ and the position number.

The switch stops at all saved favourite positions, which means up to four different positions during the stroke length of the desk.

When the desk stops at a favourite position, the user can

- Keep tilting/pressing the switch for more than one second
- or
- Release the switch and immediately tilt/press it again.

The desk will move past the favourite position and continue its movement.



Tilt/press to drive the desk

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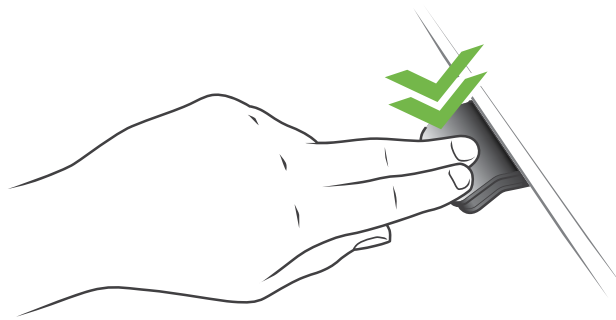
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Automatic driving to favourite positions

(only possible for "Full version" with "Automatic drive" enabled in the Desk Control™ App)

1. Double-tap switch to let desk adjust automatically to first position in direction of double-tap.
2. To stop driving of desk between two favourite positions, simply tap switch once.



Double-tap to automatically adjust the desk to a favourite position

Erasing favourite positions

1. Press the ★ button for eight seconds to erase all saved favourite positions.

After five seconds, the display shows a countdown, and the light strip flashes red when all the favourite positions are erased.



Erase favourite positions

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Bluetooth®

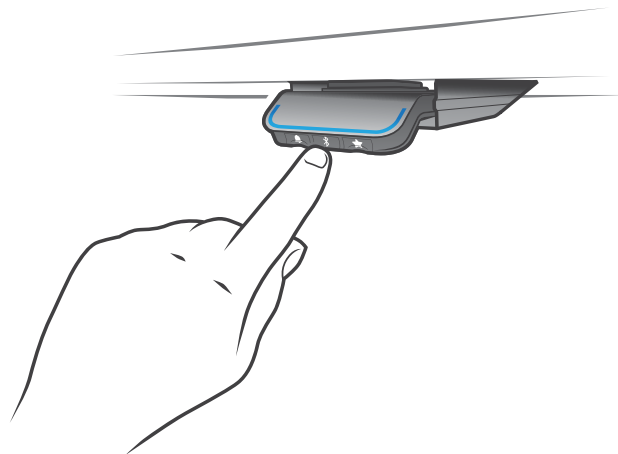
Connecting Bluetooth®

Saving favourite positions 1 and 2

1. Download Desk Control™ App suited for your device in App store or Google Play.
Search for Desk Control and look for the app icon:



2. Press  button in the middle for two seconds to enable pairing mode.
The display on the switch will inform about the Bluetooth® ID of the desk, which is "DESK" followed by a four digit number – look for this ID in the list of "Desks nearby" in the Desk Control™ App.
The light strip flashes blue while the desk panel is in pairing mode.



Connect Bluetooth®

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Reminder

The reminder LED lights through the surface of the switch. The light is intended to indicate the position of the desk (sitting or standing height). The indication depends on the reminder interval chosen.

Heartbeat (light strip)

The heartbeat reminder is shown as a thin LED light strip. While the user is sitting for an appropriate amount of time according to the set interval, the light strip calmly pulsates green symbolising a heartbeat. When the sitting interval runs out, the calm pulsating green turns into fast pulsating orange for one minute hereafter into static orange to indicate that the user should adjust the desk to standing height. In standing height, the light strip pulsates green until a potential timeout (standard timeout is four hours). When the desk is adjusted back to sitting height, the light strip pulsates green until the reminder goes off again.

Battery (light blocks)

The battery reminder is shown as three LED light blocks. The LED light blocks are lit differently depending on the position of the desk.

Sitting:

- During the first third of the set sitting period, three green light blocks are lit symbolising a fully charged battery.
- During the second third of the period, two green light blocks are lit.
- During the last third of the period only one green block is lit.
- When the sitting period runs out, the last green block turns red to indicate that the user should adjust the desk to standing height.

Standing:

- While the user is standing for the first third of the standing period, one green light block flashes symbolising a battery being charged.
- During the second third of the period, one green light block is lit and one flashes.
- During the last third of the set period two green blocks are lit and one flashes.
- When the standing period runs out, five green blocks are lit to indicate that the user can adjust the desk to sitting height.

Reminder restart

The reminder automatically restarts when the desk is adjusted to sitting height.

Reminder timeout

After four hours without any action, the light strip will time out. When the switch is tilted, the green light turns back on.



When the light (strip or blocks) is enabled for reminders, the switch is no longer in ZERO™ mode as long as the light is on/active.

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Reminder intervals

The number of white blocks (one, two or three) each representing an interval. The three standard intervals are:

- Interval 1: Reminder after 55 minutes sitting
- Interval 2: Reminder after 50 minutes sitting
- Interval 3: Reminder after 45 minutes sitting

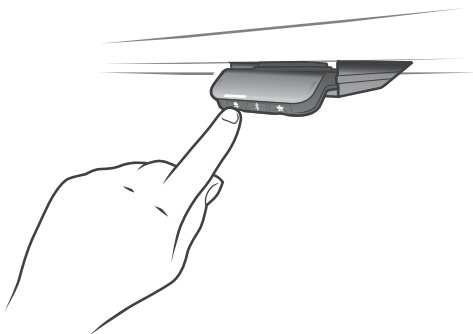
The default interval is reminding after 55 minutes, which means one white block lights up.

Adjusting the reminder interval

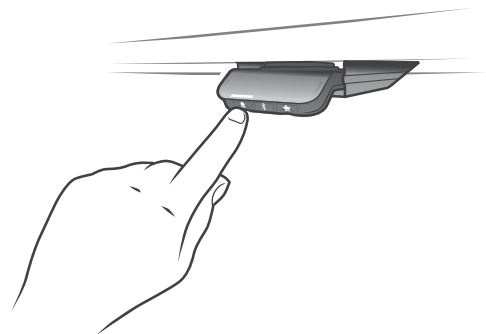
1. Press  button to adjust interval of getting reminded to change position.
2. Toggle through intervals by pressing  button.
3. Release  button when desired interval is indicated.

When no white blocks are lit up, the reminder is turned off.

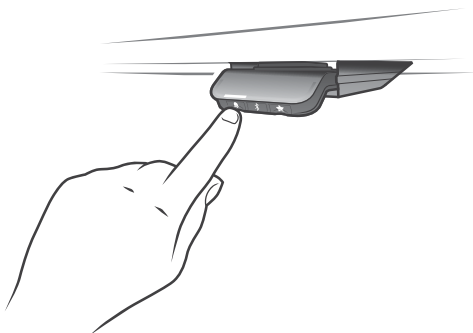
Through the app, it is possible to personalise the three intervals to custom values.



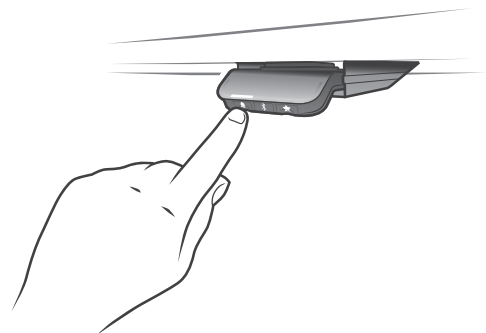
Interval 1: Reminder after 55 minutes sitting



Interval 2: Reminder after 50 minutes sitting



Interval 3: Reminder after 45 minutes sitting



Reminder off

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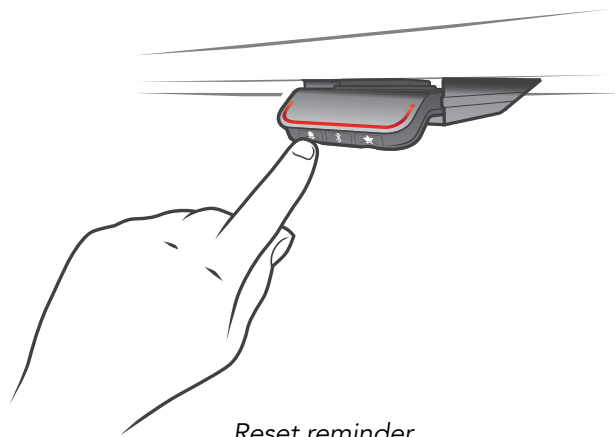
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Resetting the reminder

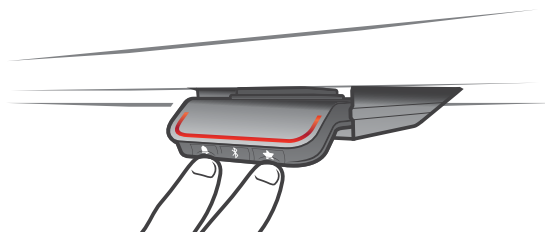
1. Press  symbol for eight seconds to reset reminder to default values.
After five seconds the display shows a countdown and the light strip flashes red when the reminder is reset.



Reset reminder

Factory reset

Press and hold the  and  buttons for eight seconds to set the switch to factory default. The LED/light strip flashes red three times to indicate the reset is done. If a factory reset is performed, it sets the switch back to the configured state, i.e. all configurations made in the switch configurator will not be reset – only the settings changed directly on the switch or in the app by the end users will be reset.



Reset to factory default

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Error codes for troubleshooting

Error code	Name	Description
8	Unexpected Reset	Unexpected reset caused by a software error or external reset
9	LIN error	An error occur on LIN bus
10	Power fail	Power fail occurred or power regulator adjusted below 10%
11	Channel count changed	Number of channels connected to system has changed since last initialisation
12	Position difference	Difference between minimum and maximum position of a reference has been exceeded
13	Short circuit	Short circuit has been detected while running
14	Checksum	Position checksum check failed, all channels has position lost
15	Power limit	System has reached its power limitation
16	Key error	Illegal key combination or change of keys
17	No Safety	Safety function has not allowed movement but input active
18	Missing initialisation plug	A special service tool is required to change number of channels to the system
23	Channel 1 missing	Actuator is missing
24	Channel 2 missing	
25	Channel 3 missing	
26	Channel 4 missing	
27	Channel 5 missing	
28	Channel 6 missing	
29	Channel 1 type	Actuator type has changed since initialisation, or detected wrong.
30	Channel 2 type	Actuator type has changed since initialisation, or detected wrong, or not same as first actuator.
31	Channel 3 type	
32	Channel 4 type	
33	Channel 5 type	
34	Channel 6 type	

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Error codes for troubleshooting

Error code	Name	Description
35	Channel 1 pulse	Too many pulse errors.
36	Channel 2 pulse	
37	Channel 3 pulse	
38	Channel 4 pulse	
39	Channel 5 pulse	
40	Channel 6 pulse	
41	Channel 1 Overload up	Overload occur outwards
42	Channel 2 Overload up	
43	Channel 3 Overload up	
44	Channel 4 Overload up	
45	Channel 5 Overload up	
46	Channel 6 Overload up	
47	Channel 1 Overload down	Overload occur inwards
48	Channel 2 Overload down	
49	Channel 3 Overload down	
50	Channel 4 Overload down	
51	Channel 5 Overload down	
52	Channel 6 Overload down	
53	Channel 1 Anti-collision	Anti-collision limit has been exceeded
54	Channel 2 Anti-collision	
55	Channel 3 Anti-collision	
56	Channel 4 Anti-collision	
57	Channel 5 Anti-collision	
58	Channel 6 Anti-collision	
59	Channel 1 SLS activation	SLS input has been activated
60	Channel 2 SLS activation	

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Error code	Name	Description
61	Channel 3 SLS activation	SLS input has been activated
62	Channel 4 SLS activation	
63	Channel 5 SLS activation	
64	Channel 6 SLS activation	
65	Channel 1B type	Type of port B of channel has been changed
66	Channel 2B type	
67	Channel 3B type	
68	Channel 4B type	
69	Channel 5B type	
70	Channel 6B type	
71	Channel 1A shorted	Short circuit detected on output
72	Channel 1B shorted	
73	Channel 2A shorted	
74	Channel 2B shorted	
75	Channel 3A shorted	
76	Channel 3B shorted	
77	Channel 4A shorted	
78	Channel 4B shorted	
79	Channel 5A shorted	
80	Channel 5B shorted	
81	Channel 6A shorted	
82	Channel 6B shorted	
83	Massage	Massage unit has been disconnected or failed
84	DC-out	DC unit has been disconnected or failed
85	Radio dead	Radio circuit has died and has had to be restarted
86	Master	Connection to master lost OR following messages are from master

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Error codes for troubleshooting

Error code	Name	Description
87	Slave 1	Connection to 1 st slave lost OR following messages are from 1 st slave
88	Slave 2	Connection to 2 nd slave lost OR following messages are from 2 nd slave
89	Slave 3	Connection to 3 rd slave lost OR following messages are from 3 rd slave
100	Forced initialisation reference 1	Forced initialisation initiated Note: is not transmitted in LIN bus
101	Forced initialisation reference 2	
102	Forced initialisation reference 3	
103	Forced initialisation reference 4	
104	Forced initialisation reference 5	
105	Forced initialisation reference 6	
106	Forced initialisation reference 7	
107	Forced initialisation reference 8	



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