

burgtec.

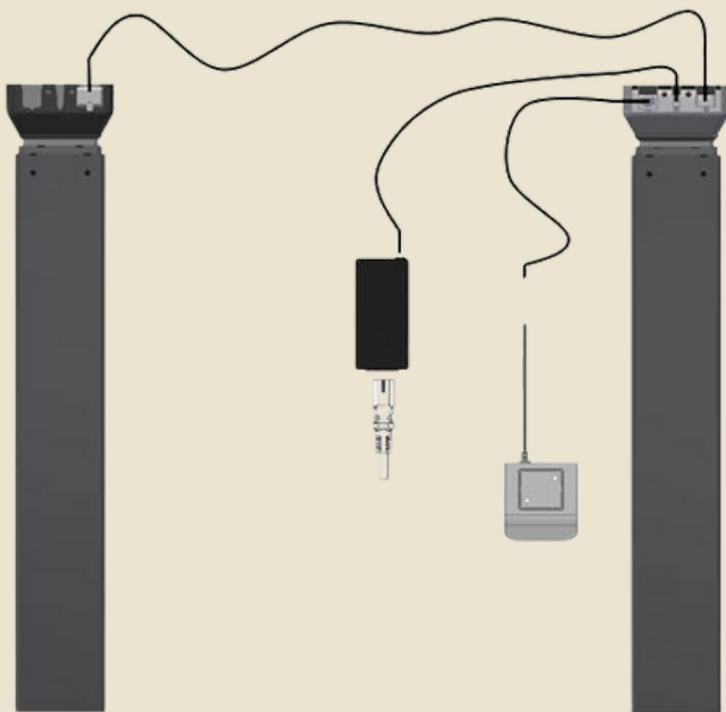


Strata 360
User Manual

Glossary of Common Terms

- Desk leg (DL) – Master - Lifting column, typically with powder coated steel profiles, responsible for lifting the working load of the application. Includes motor and PCB to enable configuration of the system.
- Desk leg (DL) – Follower - Lifting column, typically with powder coated steel profiles responsible for lifting the working load of the application. Includes motor.
- Power Supply (SMPS) – Interface between mains power, input, low voltage, output.
- Desk panel (DP) – The user interface. Depending on the model, it is used to activate the application, set memory positions, display the height, display error codes, connect to mobile apps, and give reminders to the user.
- Motor cable – Transmits low voltage power from the Master Column to the Follower column.
- Mains cable – Transmits high voltage power to the control box.
- Initialise – Procedure to reset all desk legs to the fully retracted position so that the control box knows where they are.
- Reference – Any group of desk legs that run in parallel when an Up or Down command is sent to the control box.

IC System Example



DL11

Initialisation

1. Press & hold the switch until the legs are fully retracted - this is the END STOP position. Release the switch
2. Immediately press and hold the switch for approx. 6 seconds. The legs will travel out 5mm and then retract back to the END STOP position.
3. It may be necessary to perform the intialisation process twice as the system can be in different modes at start up.
4. The legs are now initialised.
5. Initialisation may be required after a power interruption or relocation of the desk.

Setting memory positions - DPG1C

- The DPG features 4 memory positions.
- To set a memory position adjust the desk to a preferred position and press the "Star" button for 2 seconds.
- The light strip will now flash white two times to indicate that saving the position is in progress.
- When the light strip becomes static white, the position is saved.
- The display will indicate this saved position with a star and a number of the position.

Error codes in CBD6s	Cause
E53-E64	COLLISION
E41-E52	OVERLOAD
E01	INITIALISATION



Scan QR Code
for More Information

Driving to favourite positions

After Saving the favourite positions, the user can reach the positions simply by tilting/pressing the DPG1M

1. Tilt/press and hold - when a saved position has been reached the desk stops.
2. Release DPG1C within one second

This way the user can easily change between sitting and standing height without looking at the DPG1M in the meantime.



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

- continue to tilt/press the DPG1C for one second.

OR

- release the DPG1C and immediately tilt/press it again.

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

Automatic driving to favourite positions

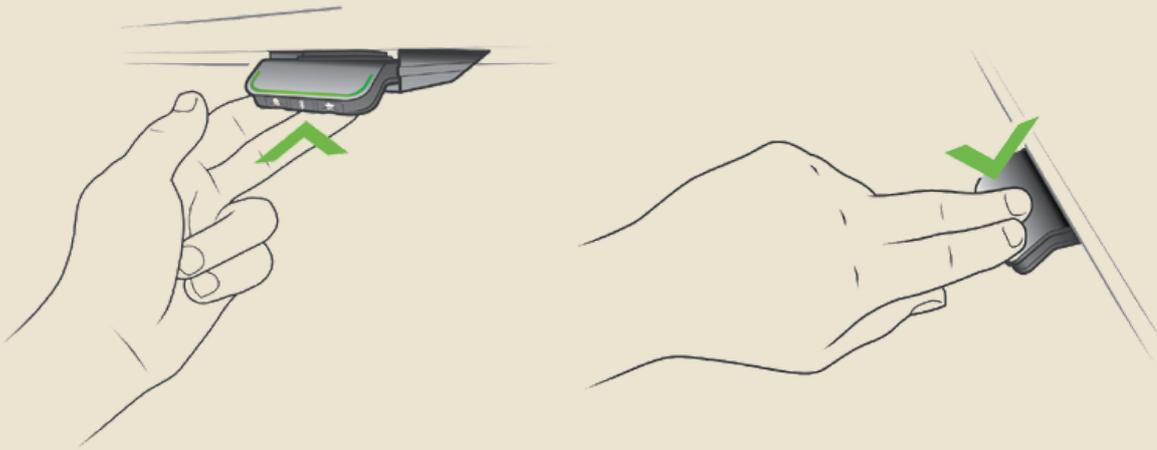


(only possible for “Full version” with “Automatic drive” enabled in the app)

1. Double-tap DPG1C to let desk adjust automatically to first position in direction of double-tap.
2. Simply tap DPG1C once to stop driving of desk between two favourite positions.

Operate the desk panel by tilting it

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



Height settings and lower limits can now be adjusted via the switch with ease

In case the desk cannot be operated in its entire span (e.g. a shelf is blocking the upwards movement or filing cabinet is place 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 place under the desk must be removed.

Setting upper limit

1. Adjust the desk to maximum allowable height.
2. Press  and tilt DPG1C up at the same time for 8 seconds until light flashes.
3. Release  and DPG1C.

Setting lower limit

1. Adjust desk to minimum allowable height.
2. Press  and press DPG1C down at the same time for 8 seconds until light flashes.
3. Release  and DPG1C.

Troubleshooting for service agent

Note: Refer to Error Code list for specific description before following the steps below

Symptom	Possible Reason(s)	What to do
The desk does not run at all. No movement is observed	<ul style="list-style-type: none">• Malfunctioning desk panel or control box.• Poor Connection• Mains Cable fallen out• No voltage on mains cable	<ul style="list-style-type: none">• Check all connections.• Check that there is voltage in the mains plug.• Connect a desk panel that you know is OK.• If it can run, the desk panel is malfunctioning. If this does not help, the control box is malfunctioning
Not all legs operate when you run the desk downwards	<ul style="list-style-type: none">• The leg(s) that do not run are malfunctioning or the cable connection for the leg(s) is not OK	<ul style="list-style-type: none">• Change leg/cable starting with the cable
The desk is in the lower position and will not run upwards. You cannot see whether all legs are moving.	<ul style="list-style-type: none">• The desk is overloaded• One or more of the legs has malfunctioned or the cable connection between leg(s) and control box is not OK	<ul style="list-style-type: none">• Remove some of the load on the desk• Remove all motor cables from the control box.• Mount one leg at a time in channel 1, perform initialisation and test a small run upwards.• If a leg will not run upwards after initialisation it is malfunctioning• Try exchanging the motor cable before exchanging the leg

Calibrating the controller

In case the controller displays the incorrect height, calibrate the controller using the below steps:

1. Drive the desk to the lowest possible position.
2. Measure the accurate distance between the floor and the desk-top in centimetres.
3. Hold the 'Bell' &  buttons for 5 seconds, when the display begins to blink it is ready to be reset.
4. Tilt the DPG upwards or downwards to increase or decrease the displayed height.

Error codes for CBD6S troubleshooting:

Error Code	Name	Description
8	Unexpected Rest	Unexpected rest caused by software error or external rest
9	LIN error	An error occurs on LIN bus
10	Power fail	A power failure occurred or power regulator adjusted below 10%
11	Channel count changed	Number of channels connected to the 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 have position lost
15	Power limit	The 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 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 it is not the same as the first actuator
31	Channel 3 type	
32	Channel 4 type	
33	Channel 5 type	
34	Channel 6 type	
35	Channel 1 pulse	Too many pulse errors
36	Channel 2 pulse	
37	Channel 3 pulse	

Error codes for CBD6S troubleshooting:

38	Channel 4 pulse	
39	Channel 5 pulse	
40	Channel 6 pulse	
41	Channel 1 Overload up	Overload occurs 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 occurs 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	
61	Channel 3 SLS activation	
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	

Error codes for CBD6S troubleshooting:

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	Message	Message 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
87	Follower 1	Connection to 1st follower lost OR following messages are from 1st follower
88	Follower 2	Connection to 2nd follower lost OR following messages are from 2nd follower
89	Follower 3	Connection to 3rd follower lost OR following messages are from 3rd follower

More information:

Find all product data sheets at LINAQ.COM.AU/DESKLINE

YouTube videos can also be viewed by following the below QR Codes on the DESKSTART page:



How to initialise your desk



Restart



Set the correct desk height

Burgtec accepts no responsibility for possible errors or inaccuracies in catalogues, brochures, and other material. Burgtec reserves the right to change its products without prior notice. Burgtec cannot guarantee product availability and reserve the right to discontinue the sale of any product. User is responsible for determining the suitability of Burgtec products for a specific application.