Staff Control - SC01

Data Sheet

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Introduction

With the OpenBus™ system it is possible to use SC01 as attendant controls integrated in the bed side/end rails.

The system allows the use of two control panel types: one for staff and one for the patient. This enables both parties to operate bed functions independently, improving safety and accessibility.
These panels can be used either together or separately, depending on the setup.

SC01 contains a standard PCBA plus a customised front cover which offers various benefits like:

- Selective bed control with lock-out functionality for increased safety and comfort for the patient and efficiency for the staff
- Intuitive control of up to 14 buttons and 7 LEDs allows for full control of the bed
- Easy access to critical positioning functions and correct bed position in case of an emergency
- High adaptation to customer needs with customised layout of the buttons and LEDs

Features and options

Protection class:	IPX0 (the product itself has no protection class as it is open PCBA + front cover, the IP degree of a mounted product depends on the application)
Indications:	Up to 7 LEDs: 1 LED indication for battery charging (orange) 5 LED indication for lock-out functionality (orange) 1 LED indication for mains (orange)
Dimensions:	125.0 mm*75.0*8.6 mm (PCBA)
Front cover:	Standard or customised
Cable:	Straight cables: 1250 mm, 1800 mm or 2500 mm
Connection:	Control box or Multi Junction Box via modular jack cable (6-wired)
Attachment:	To be fixed into bed side/end rails
Customisation:	Possible to customise software (LixEdit)
Magnet lock:	Yes (activated via Hall sensor)

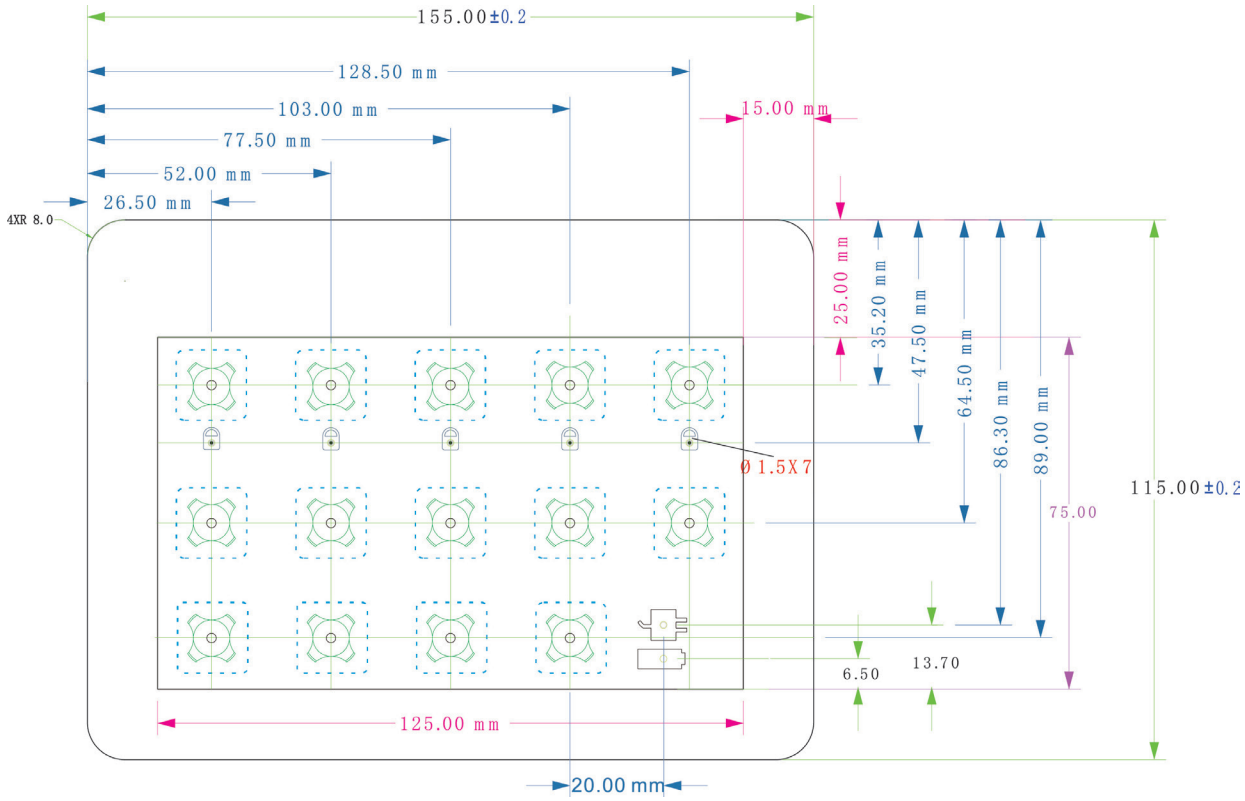
Usage

Operation temperature:	+5 °C to +40 °C
Storage temperature:	-10 °C to +50 °C
Relative humidity:	20% to 80% – non-condensing
Atmospheric pressure:	700 to 1060 hPa
Height above sea level:	Max. 3000 meters
Approvals:	IEC60601-1 ANSI/AAMI ES60601-1 CAN/CSA-22.2 No 60601-1
Compatibility:	LINAK CO control box platform

Dimensions

PCBA dimensions

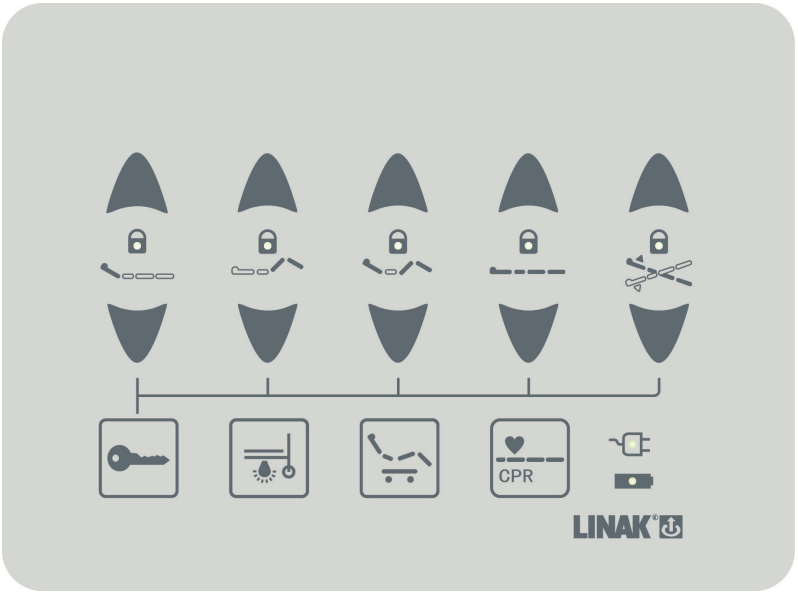
Length*width*thickness = 125.0 mm*75.0 mm*8.6 mm. The thickness of 8.6 mm includes the top of the mounted electronic components.



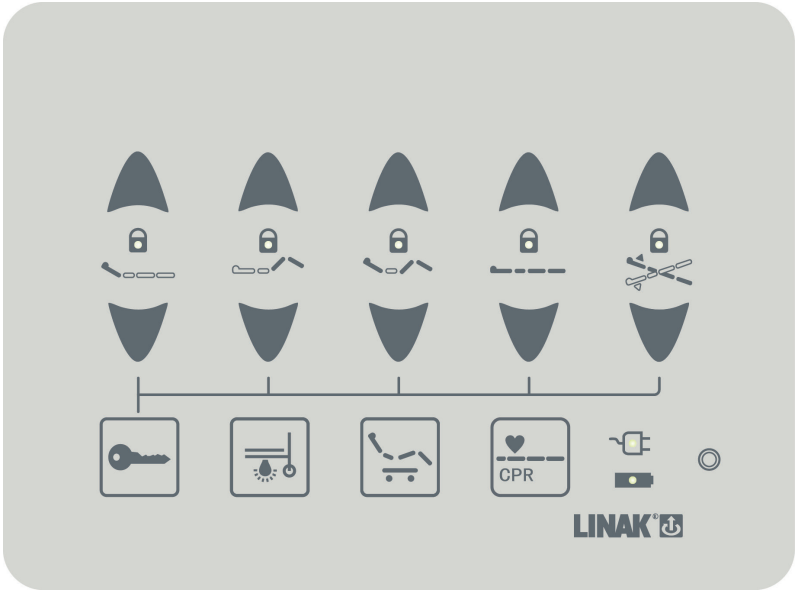
Front covers

Be aware that the size and position of buttons, LEDs and Hall sensor are not adjustable as they need to fit the dimension of the standard PCBA.

Front cover - staff control



00SC011407 (without Hall)

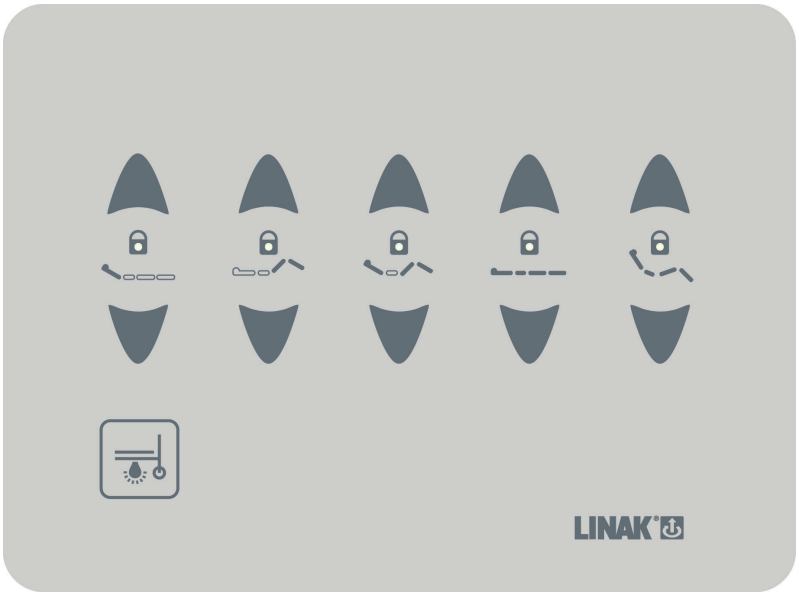


00SC011406 (with Hall)

Information

The front cover is to be fixed to the bed rail with glue (3M9495LE, 0.17 mm).

Front cover - patient side



00SC0111010

Information

- The front cover is to be fixed to the bed rail with glue (3M9495LE, 0.17 mm).
- In case that both patient control and staff control are used in the same bed rail, remember to order T cable.

Ordering example

	SC01				
Functionality:	00	**00** =	See overview		
Not used	0	**Not used**			
Number of buttons on front cover	14	**14** =	14 buttons (staff control)	**XX**	= Special
		11 =	11 buttons (patient side)		
Front cover item number	406	**406**	= With Hall icon (staff control)	**XXX**	= Special
		407	= Without Hall icon (staff control)		
		010	= Patient side control		
Hall	1	**1**	= Hall	**0**	= No Hall
Not used	0	**Not used**			
Not used	0	**Not used**			
Not used	0	**Not used**			
Not used	0	**Not used**			
Not used	0	**Not used**			

Chosen product name: SC0100014406100000

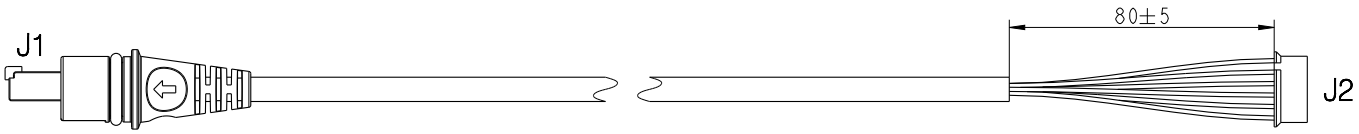
Information

Instead of displaying the product name, the label will show the item number.

Cables

Use of staff control setup in bed side rail

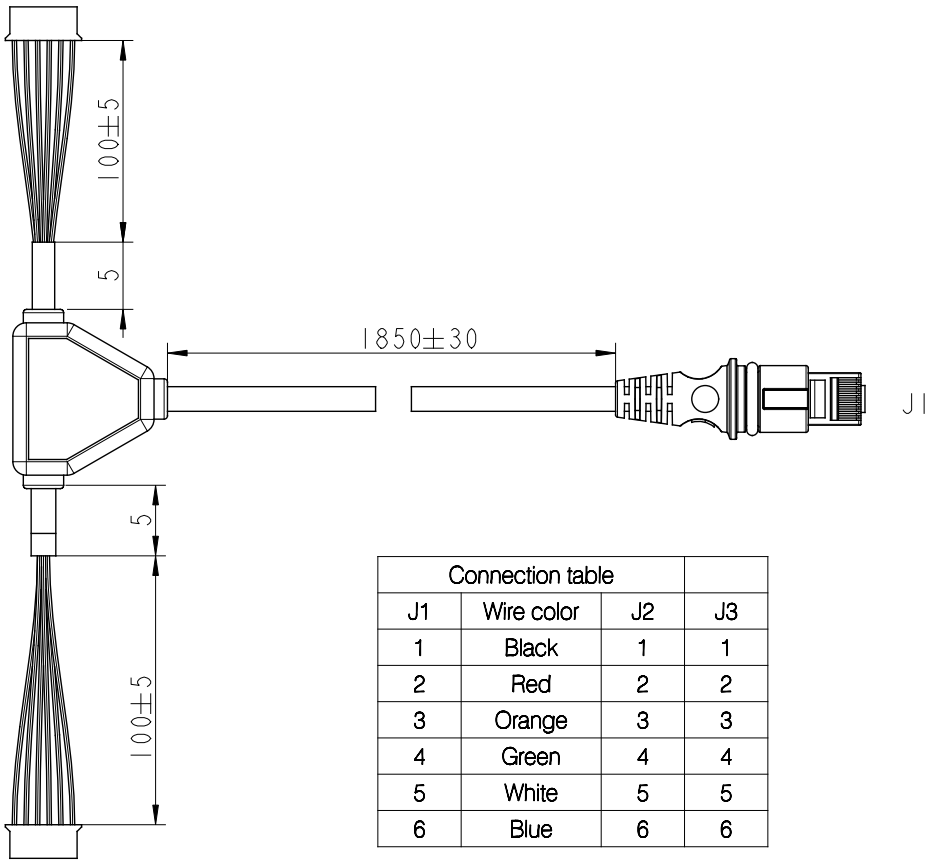
When a staff control panel is required to operate from the bed side rail, the following cable must be used (item number CAB0964043):



Connection table		
J1	Wire color	J2
1	Black	1
2	Red	2
3	Orange	3
4	Green	4
5	White	5
6	Blue	6

Use of T cable for dual control setup in bed side rail

When both patient-side and staff control units are required to operate from the same bed side rail, a T cable must be used (item number CAB0962118):



Connection table			
J1	Wire color	J2	J3
1	Black	1	1
2	Red	2	2
3	Orange	3	3
4	Green	4	4
5	White	5	5
6	Blue	6	6

Information

Be aware that cables are to be ordered separately.

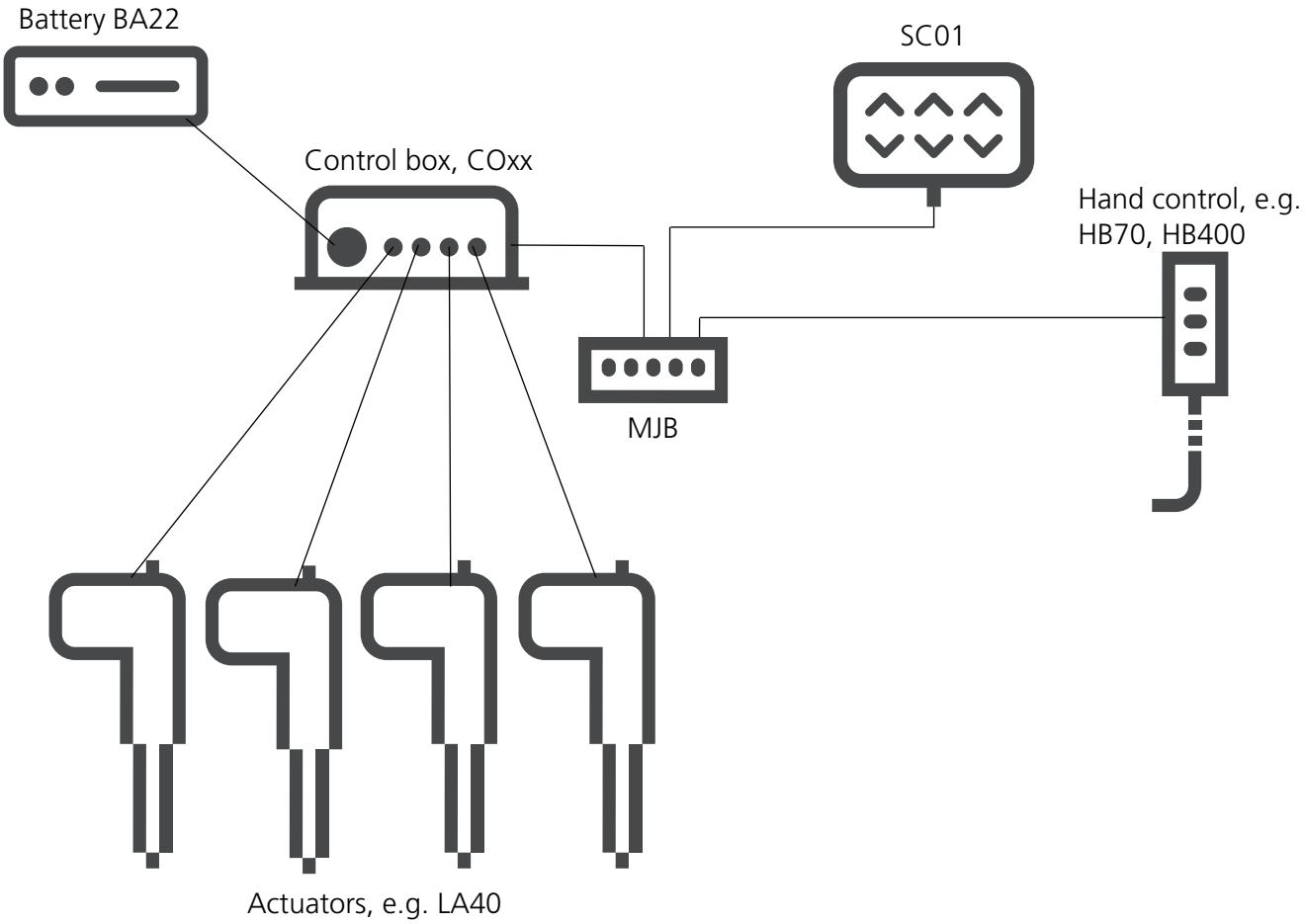
Locking via Hall sensor

The SC01 can be locked via Hall sensor by hovering the magnet key over the Hall sensor icon:

Remember to order magnet key:

Magnet key - ordering no. 0858008 (RAL 7035 light grey).

System overview



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