

Staff Control - SC01

Data Sheet



Contents

Introduction.....	3
Features and options	3
Usage	3
Dimensions	4
Front covers	5
Ordering example	6
Locking via Hall sensor	7
Function overview.....	8
System overview.....	9
Contacts	10

Introduction



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

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)

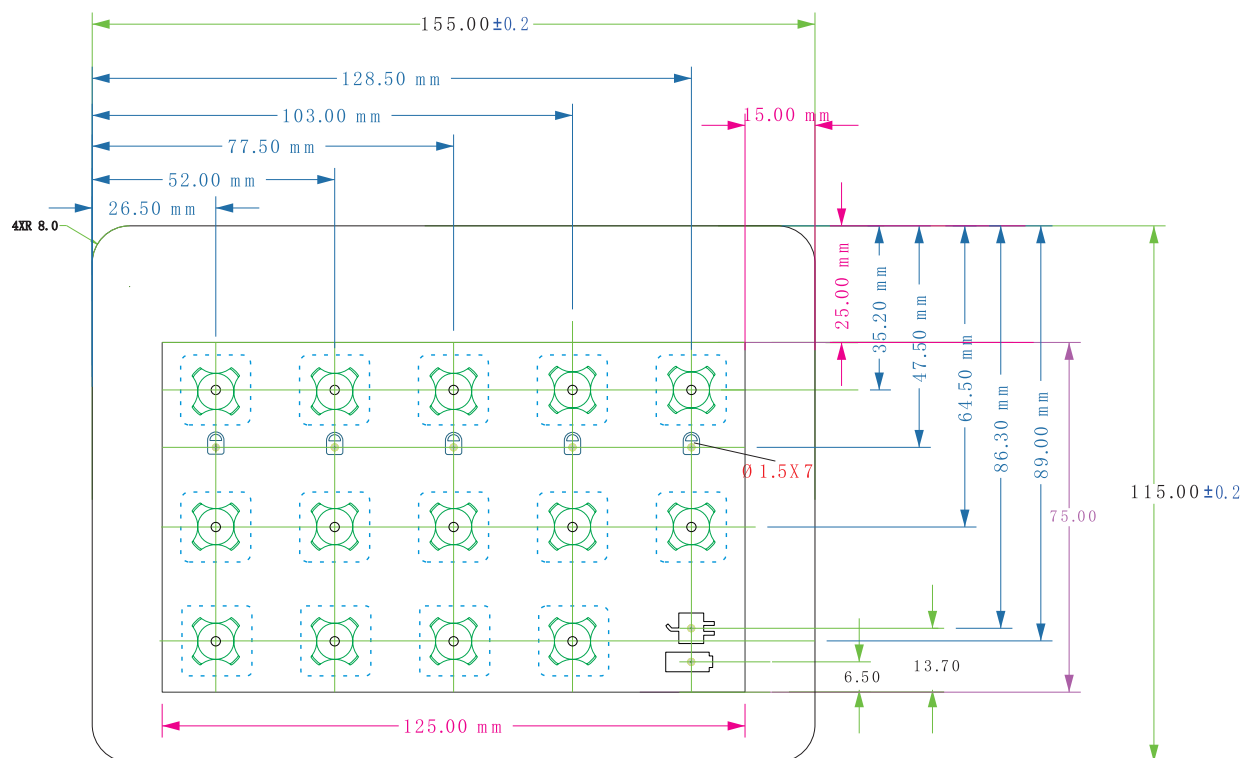
Usage

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



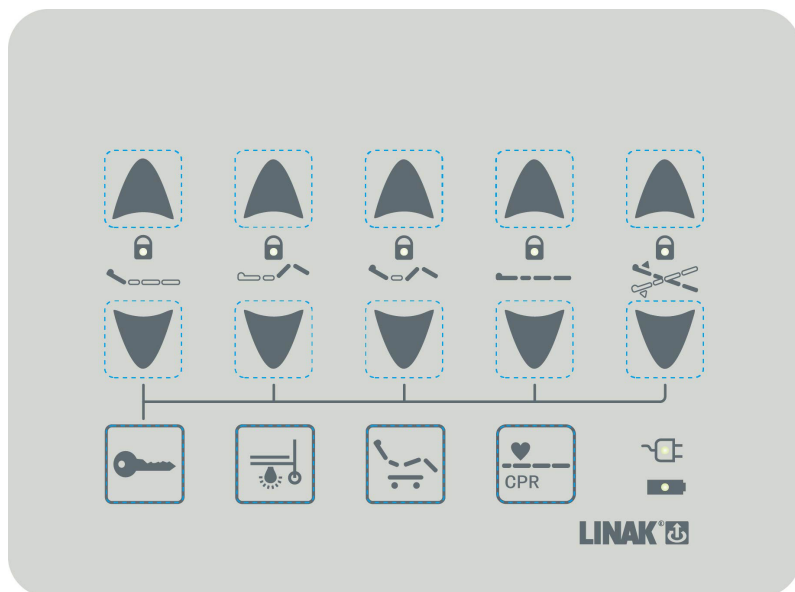
PCBA dimensions

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.

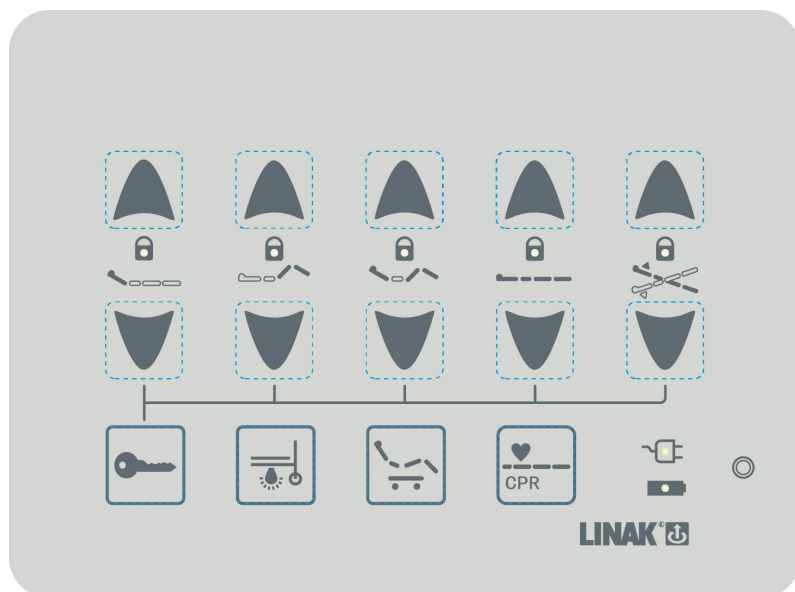


Front covers

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.



00SC011405 (without Hall)



00SC011406 (with Hall)



Information

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



Ordering example

	SC01	
Functionality:	00	00 = See overview
Not used	0	Not used
Number of buttons on front cover	14	14 = 14 Buttons XX = Special
Front cover item number	405	405 = Without Hall icon XXX = Special 406 = With Hall icon
Hall	1	1 = 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
Not used	0	Not used

Chosen item number: SC0100014405100000



Information

- Remember to order cable item number: 0964043-2500-C



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:

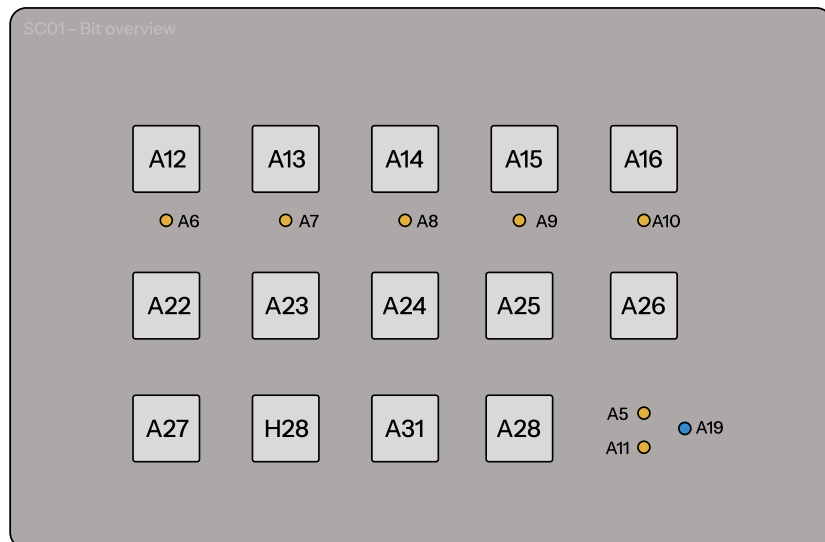
Magnet key - ordering no. 0858008 (RAL 7035 light grey).



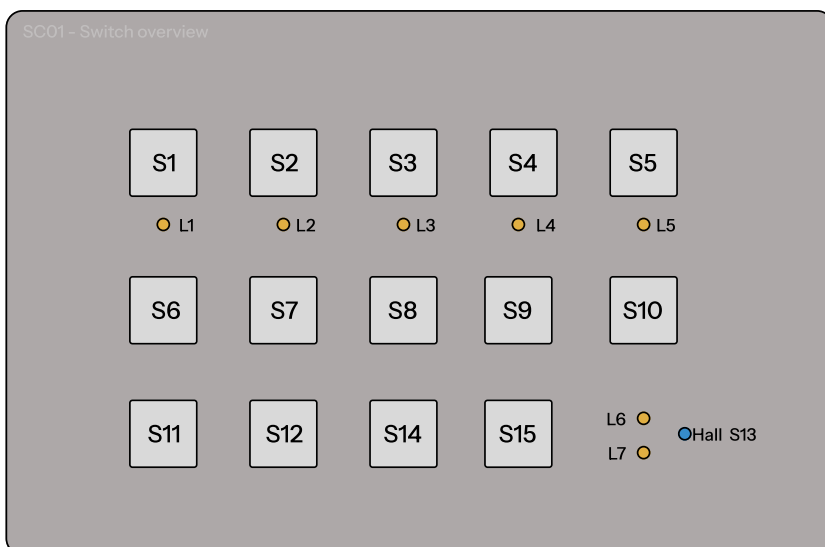
Function overview

- Cannot be re-programmed
- Require Set-test done by Linak A/S
- Custom configuration must be done by GP094 specification

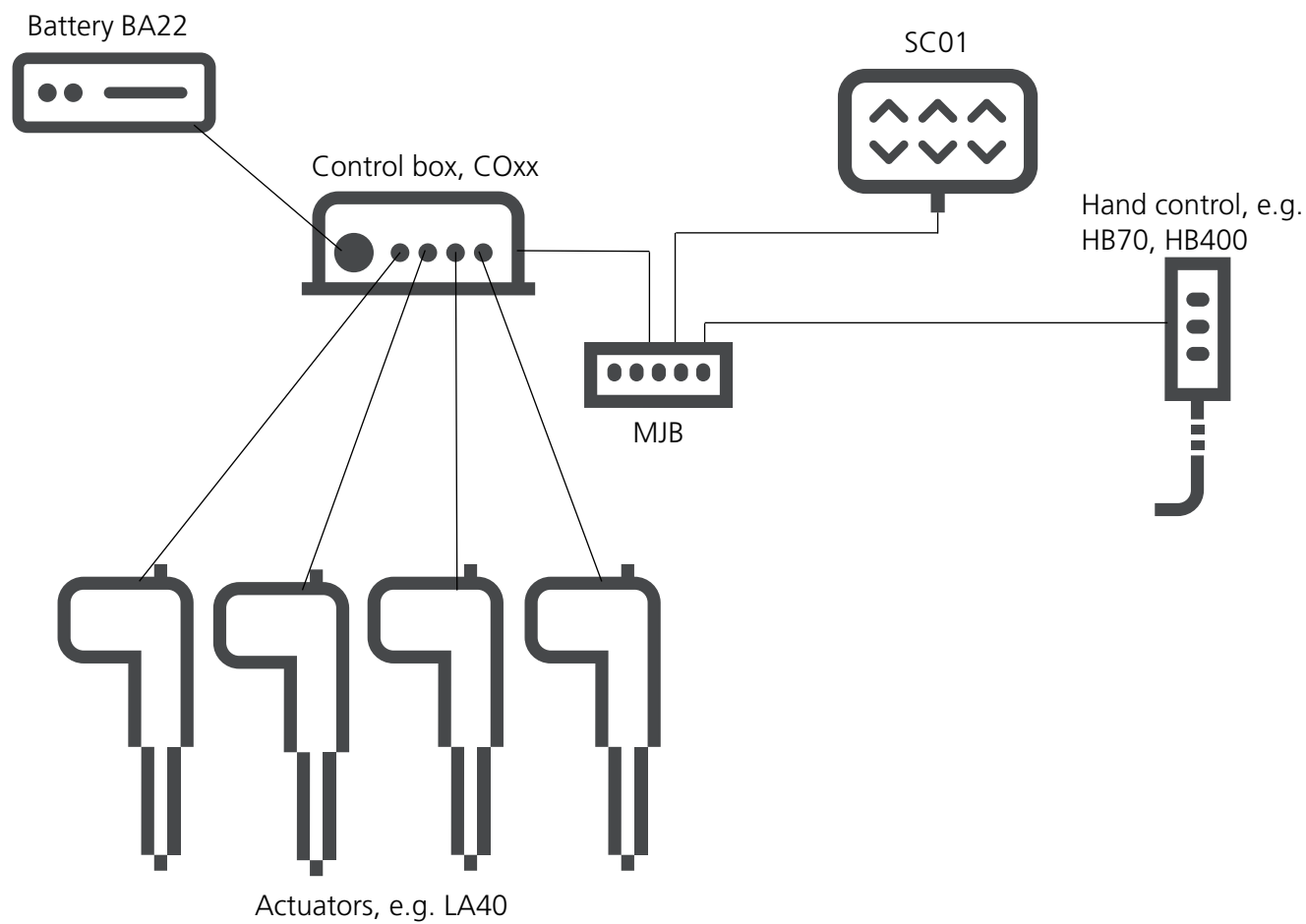
Bit overview



Switch overview



System overview



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