

CBJ Home Data Sheet



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Introduction



The CBJ Home is a specially developed solution for patient lifts. The complete system consists of a control box and a battery enclosed in a single elegant module.

The system is approved according to medical safety standards and contains a series of features ensuring a safe comfortable lift, e.g. the CBJ Home is equipped with a soft-start function, electrical emergency lowering, emergency stop etc.

Features and options

- Protection class IPX4
- Approx. 40 cycles per charge (as with CBJ)
- Mounting without bracket
- Soft start
- Colour grey RAL 7035
- Learn mode for adjustable current cut-off via a special hand control
- Emergency stop button
- Buzzer sounds if battery capacity is low (2-10 cycles left)
- Front cover with:
 - Green LED indication of handset activation
 - Yellow LED indication of charging
 - Button for electrical emergency lowering
- External charger possible CH01
- Internal charger possible (100 V AC – 240 V AC (50/60 Hz))

Usage

CBJ Home with internal charger:	Nominal current draw max. 280 mA Power consumption (standby) max. 1.3 W Power consumption (charging) max. 12 W
Duty cycle:	Max. 10% or 2 min. continuous use then 18 min. without use
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
Meters above sea level:	Max. 3000 meters
Mains supply grid should be limited to the highest prospective short circuit current of 35 A.	
Demands to mains supply safety for the application in accordance with IEC 60601-1 ed. 3.2, § 8.11.5	
Approvals:	IEC60601-1 ANSI/AAMI ES60601-1

For details concerning CBJ Home compatibility, see Sales Backup chapter 3



Recommendations

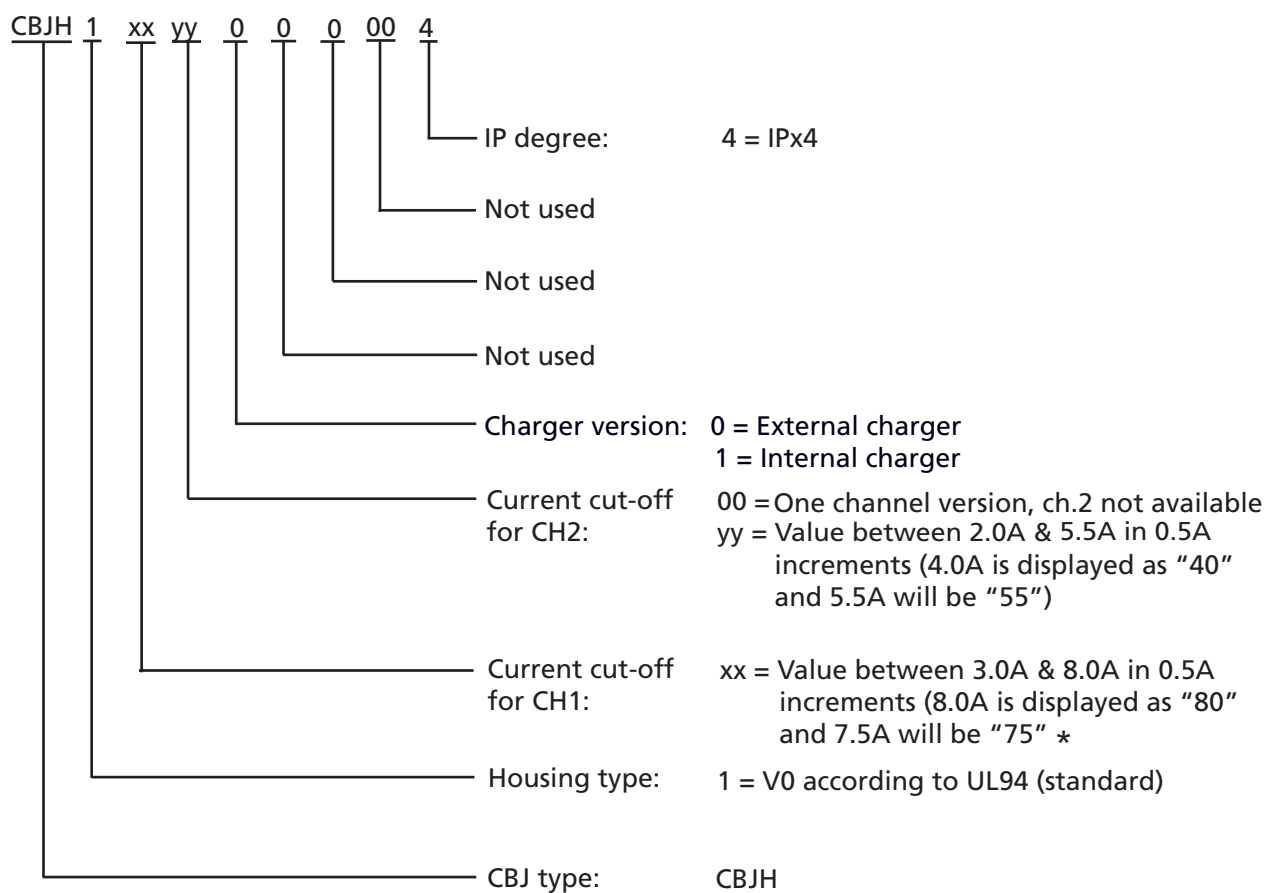
- Use only original LINAK mains cables to ensure proper connection to internal charger
- Always use fully charged batteries for learning mode procedures



Warnings

- In order to avoid injury, the emergency-stop should be activated in transport situations.
- When “learn mode” is used, and channel 2 is pressed instead of channel 1, the CBJ Home will learn a new current limit of nearly 0 Amp. This will make it impossible to run the actuator with channel 2 until a new learn mode has been programmed.

Ordering Example



Functionality



Front cover on the JUMBO Home™ with:

LED indication of charging (yellow) always lit when charging with an external charger, e.g. CH01. When charging with internal charger the LED will blink during charging and change to a constant yellow light when fully charged.

LED indication of handset activation (green) is also lit when connected to mains.

Button for electrical emergency lowering.

Battery must be charged, in order to operate via this button.

Buzzer indications

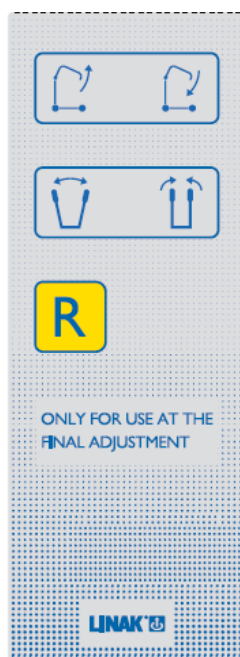
- Battery: If the battery is low the buzzer will sound constantly when the hand control is activated.
- Overload: (Not for external charger versions produced before February 2010) CBJ Home will beep twice if the actuator is overloaded (over the current limit) - current will be cut-off and the actuator will stop. The actuator can be started again when the overload is removed.
- Overheated: (Not for external charger versions produced before February 2010) CBJ Home will beep twice if overheated - current will be cut-off and the actuator will stop. The actuator can be started again when the temperature has returned to normal.
- Learn mode: Single beep when current cut-off value is stored.

Learn mode function

The patient hoist norm: EN10535 states that a patient hoist is not allowed to lift more than 1.5 times the max. weight it is intended for. For example, if the lift is intended for max. 100kg it should not be able to lift more than 150kg.

By using the learn mode function it is possible to programme the CBJ Home so that the control box automatically stops whenever the max. intended weight is exceeded.

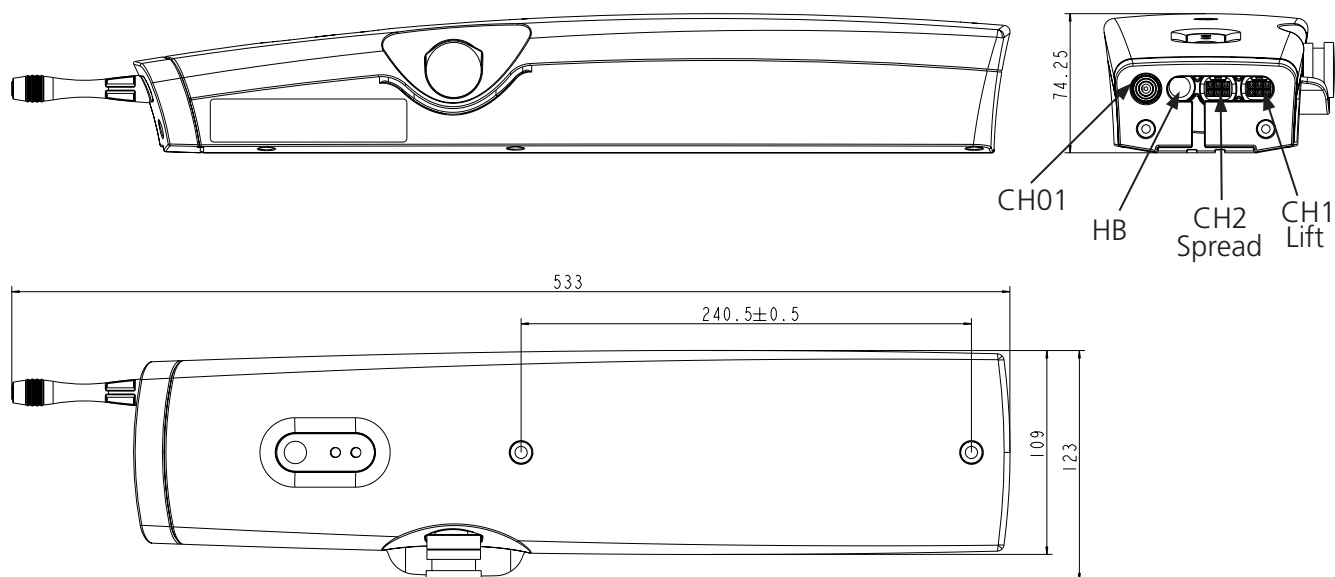
Front cover



Front cover nr. 00HBW073079
to be fitted to hand control HB7x161-00

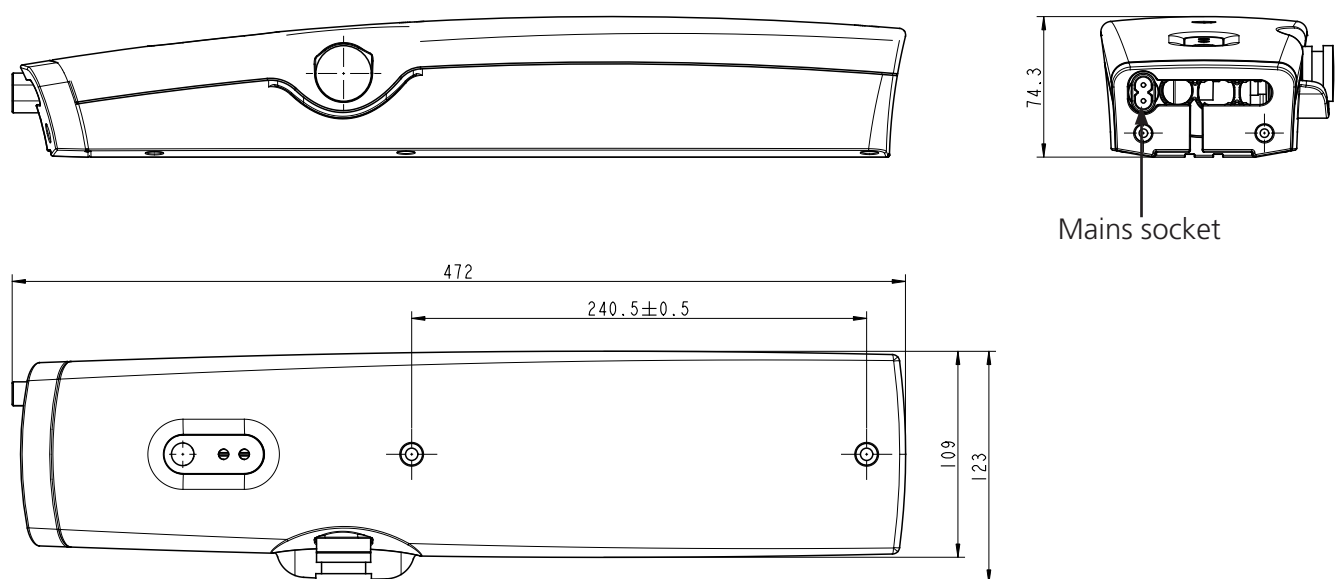
Dimensions

With external charger



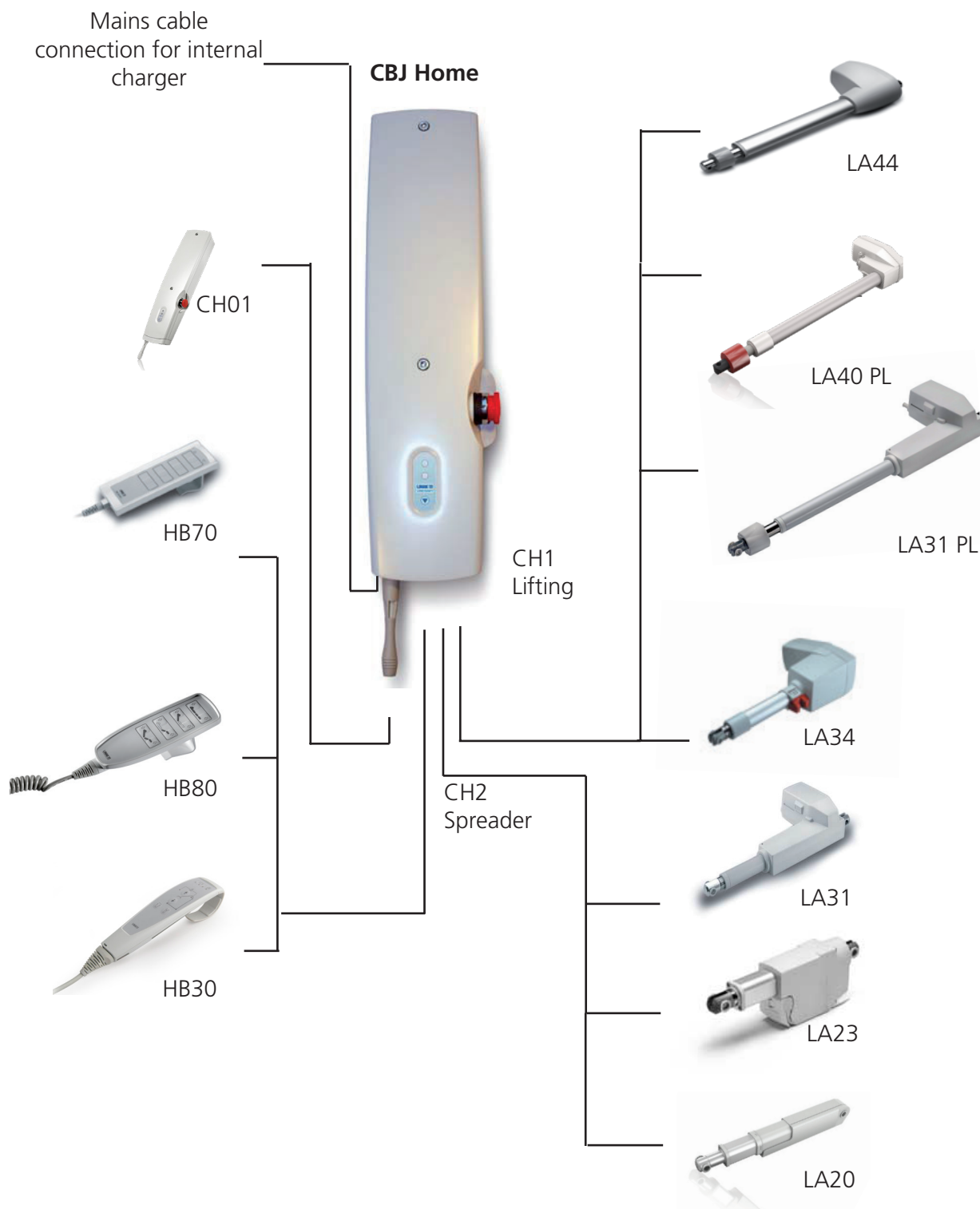
Drawing number: 0899001

With internal charger



Drawing number: 0899002

System overview



Contacts

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