

Hand Control HB80

Data Sheet



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Introduction



The HB80 hand control has an optimised ergonomic design shaped for the hand. The hand control is suitable for all kinds of MEDLINE® and CARELINE® applications, such as hospital beds, patient lifts, treatment and examination couches etc.

The HB80 hand control is available in versions with up to 10 or 12 activation buttons.

Further benefits are:

Available in several different standard front cover versions with a variation of symbols. Customised front covers can easily be made for a differentiated look.

Optional blue or green background lighting for use with LINAK OpenBus™ control boxes. For differentiation and easy usage in dark surroundings.

High water resistance with optional IP degree of IPX6 Washable DURA™.

The HB80 is integrated in the LINAK Configurator Econ Smart Client.

Features and options

Hand control for up to 6 actuators

Housing colour:	Light grey or dark grey
Protection class:	IPX4, IPX6 Washable DURA™
Number of buttons:	Up to 10 or 12
Front cover:	Standard or customised
Cable:	Coiled or straight
Button type:	Easy touch tactile switches
Memory option:	Possible
Background lighting:	Blue or green (for use with OpenBus™ control)
Attach:	Via hook or magnet

Usage

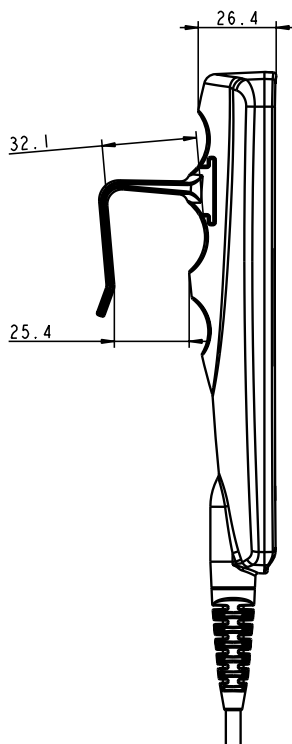
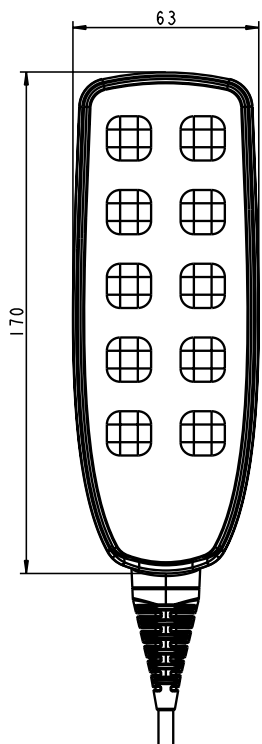
Operation temperature:	+5 °C to +40 °C
Storage temperature:	-10 °C to +50 °C
Compatibility:	Compatible with many LINAK control boxes. Please contact LINAK.
Relative humidity:	20% to 80% – non-condensing
Atmospheric pressure:	700 to 1060 hPa
Meters above sea level:	Max. 3000 meters
Approvals:	IEC60601-1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

The HB86 version has a shorter distance between the buttons and cannot be approved according to EN IEC60601-2-52 Application Environment 4 for care beds used in Domestic area (or EN1970).

HB80 is designed and tested in accordance with EN60601-2-52 cl. 201.11.6.6.101 (machine washable medical beds).

Dimensions

HB81 - HB85 Dimensions (mm)

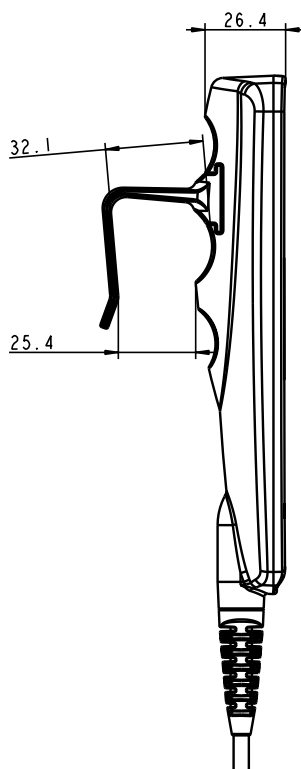
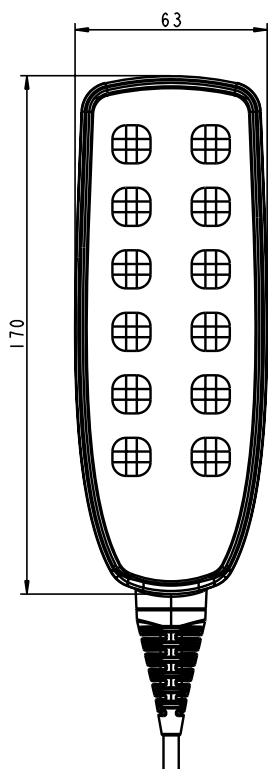


Hook option



Magnet option

HB86 dimensions (mm)

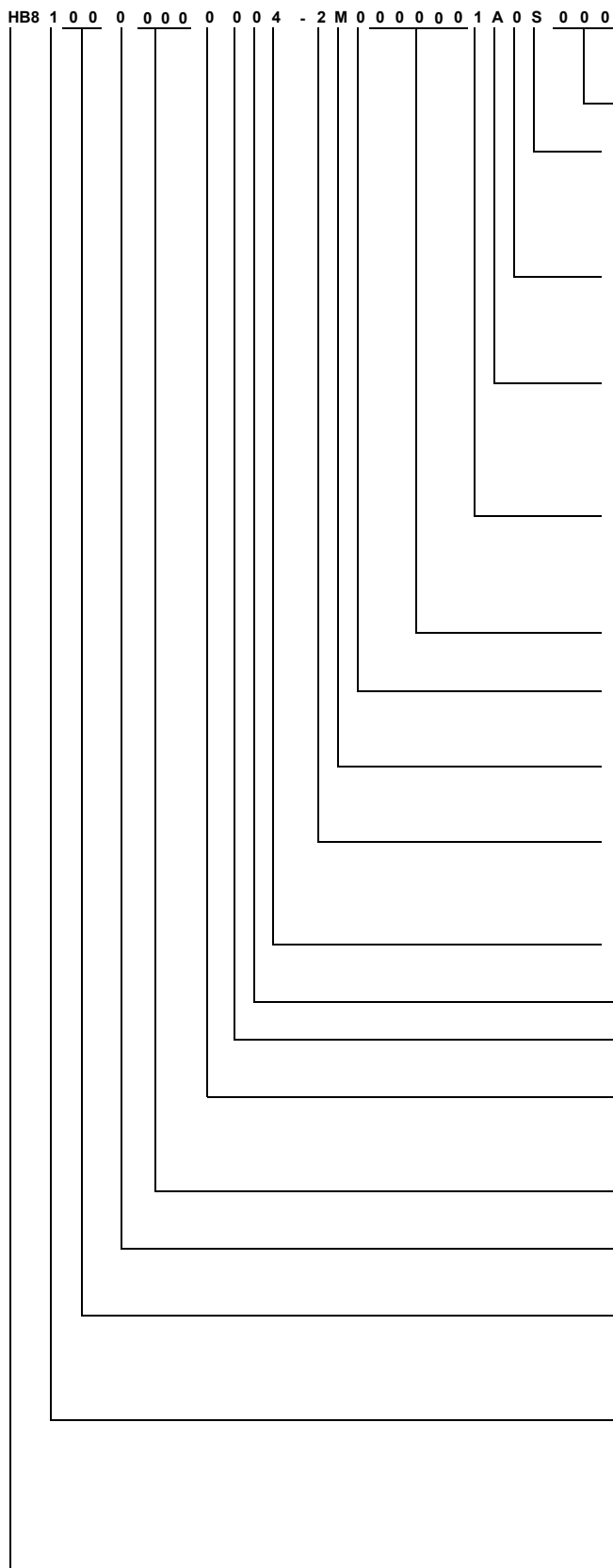


Hook option



Magnet option

Ordering example

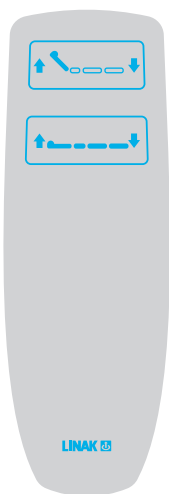


- Not used 0 = None
- Cable S = Straight
 C = Coiled
 R = Straight and Coiled
 X = Special
 N = None
- Cable material N = None
 0 = PVC (only straight cables)
 1 = PU
 X = Special
- Plug type N = None
 A = DIN (CB8, CBJC, CBJ2...)
 B = Mini-fit (CS27)
 D = Modular 10 PIN (CB6, CBJH, CoxX/Caxx, COLxx, CALxx)
 X = Special
- Cable colour 0 = Undefined
 1 = Black RAL 9005
 2 = Grey RAL7035
 3 = Dark grey RAL7016
 X = Special
- Not used 0 = None
- Housing 0 = Standard
- Mounting 0 = Hook
 M = Magnetic
- Colour 2 = Grey RAL7035
 3 = Dark grey RAL7016
 X = Special
- IP degree 4 = IPx4
 W = IPx6 Washable DURA™ (must hang vertically)
- Not used 0 = None
- Not used 0 = None
- Background light 0 = None
 1 = Green (only OpenBus) NOT possible with CBJC!
 2 = Blue (only OpenBus) NOT possible with CBJC!
- Front cover number xxx = 3 last digits in the front-cover number
- Front cover 0 = Standard
 X = Special
- Functionality 0x = AnalogueCommonStandard
 Hx = AnalogueCommonGND
 Vx = OpenBus™
 xx = Special
- Number of rows: 1 = 1 row
 2 = 2 rows
 3 = 3 rows
 4 = 4 rows
 5 = 5 rows
 6 = 6 rows
- Controls HB8X

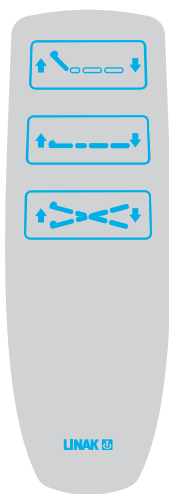
Front covers

HB8x Standard front covers, transparent

(only for use with background light)*



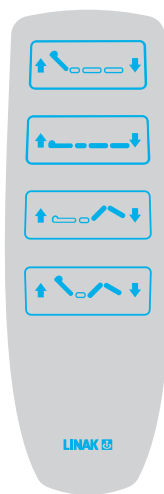
00HB821D-020



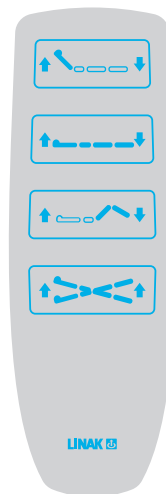
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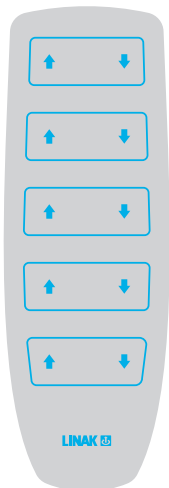
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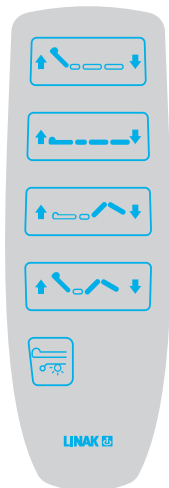
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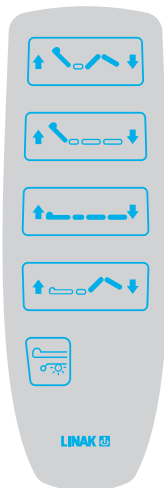
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00HB851D-002



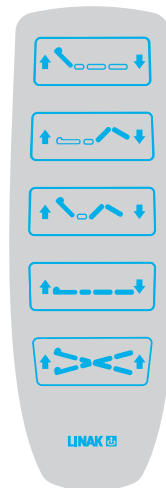
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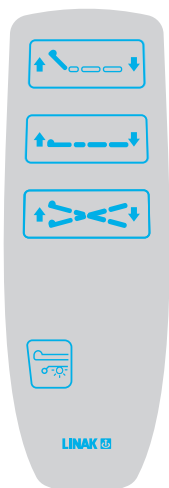
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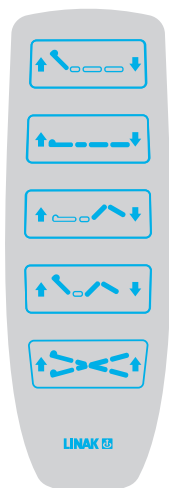
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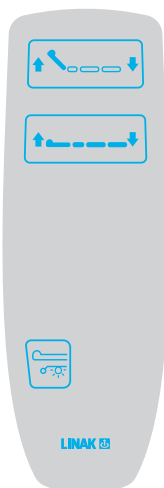
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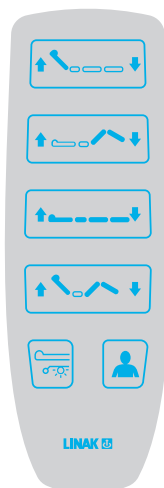
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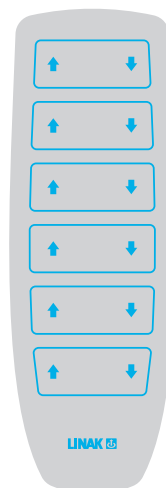
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00HB851D-022



00HB851D-035

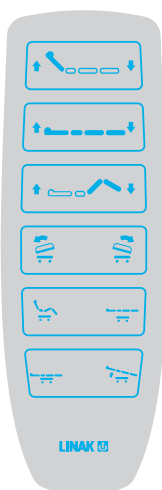


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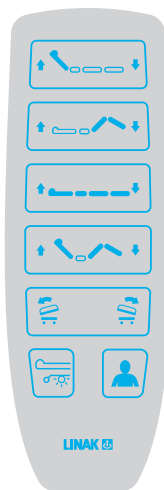
* If a transparent cover is wanted without a backlight, a special article must be created.

HB8x Standard front covers, transparent

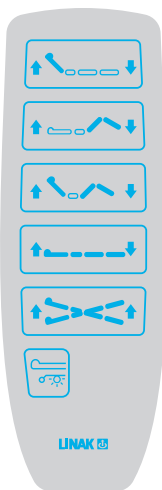
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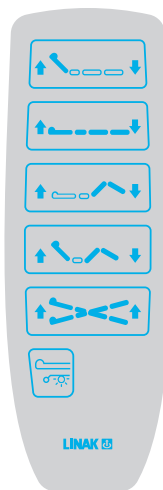
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prev. 00HB861B002



00HB861B-005



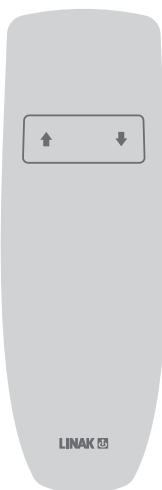
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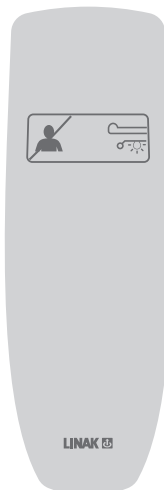
00HB861B-009

HB8x Standard front covers, not transparent

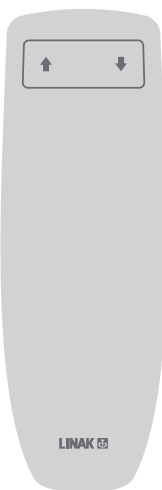
(not for use with background light)*



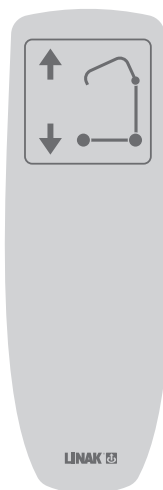
00HB811A-001



00HB811A-004



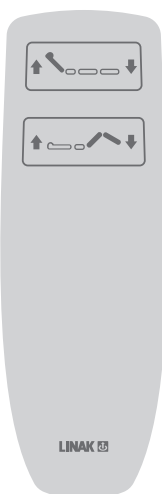
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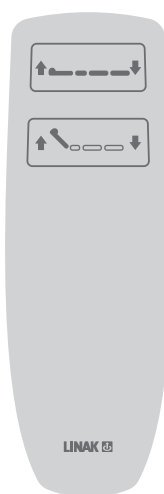
00HB821A-001



00HB821A-002



00HB821A-008



00HB821A-041



00HB831A-001



00HB831A-002



00HB831A-009

* If a non-transparent cover is wanted with a backlight, a special article must be created.

HB8x Standard front covers, not transparent

(not for use with background light)*



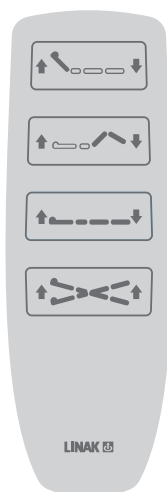
00HB831A-011



00HB831A-029
For OpenBus
V0 for COL50



00HB841A-003



00HB841A-006



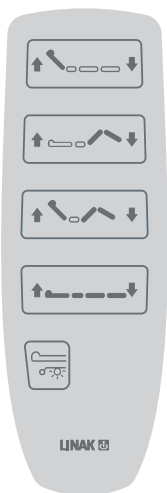
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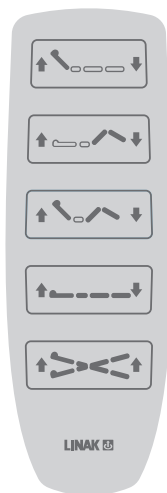
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00HB851A-005



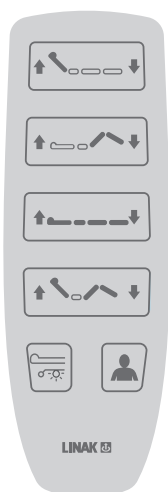
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00HB851A-013



00HB851A-020



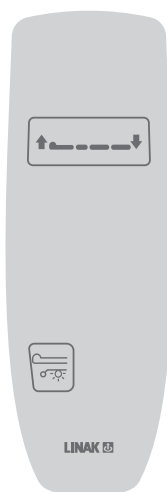
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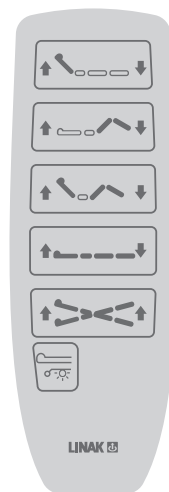
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00HB851A-057



00HB851A-072

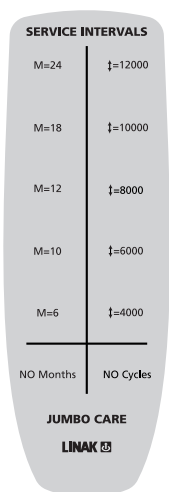


00HB861E-008

* If a non-transparent cover is wanted with a backlight, a special article must be created.

HB8x Standard front covers, not transparent

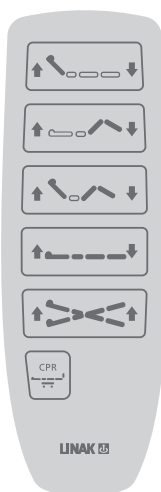
(not for use with background light)*



00HB861E-010
V2 hand control for
CBJC (phase-out is
ongoing for CBJC)



00HB861E-076



00HB861E-080

HB80 Standard front covers



Information

When ordering check that the hand control functionality corresponds to the symbols on the front cover.

For all types attention should be given to ensure that the channels shown correspond to the channels on the chosen control box.

For customised front covers please contact LINAK A/S.

Contacts

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