

Hand Control HB30

Data Sheet



Contents

Introduction.....	3
Features and options	4
Usage	4
Dimensions	5
Ordering example	7
Layout of buttons	8
Front cover standards for JUMBO.....	9
Contacts	12

Introduction



The HB30 hand control is designed for better user experience and ergonomic fit for the hands of caregivers. The compact size ensures one hand operation. The HB30 is especially suitable for patient lifts and other MEDLINE® and CARELINE® applications like couches, tables and chairs for treatment and examination.

The HB30 is available in an analogue version and an OpenBus™ version.

The HB30 hand control provides further benefits in use due to:

- Anti-slip coating on the back to prevent dropping
- Exchangeable cable for long lasting usage
- Essential information about battery state, overload occurrence and service always at hand

Features and options

Hand control for up to 4 actuators

Housing colour: Light grey (RAL7035)

Rubbery material colours: Dark grey (RAL 7037)

Protection class: IPX4, IPX6 or IPX6 Washable DURA™

Number of buttons: Up to 8

Indications: Optional diode for indicating battery charging needed (supported by CBJ2, COL50)

Optional diodes for battery level (3 stage), service need and overload information (supported by CBJC 1st and 2nd generation)

Front cover: Standard or customised

Cable: Exchangeable

Button type: Easy touch tactile switches

Attach: Via hook or magnet
Option: anti-slip rubber hook

Usage

Usage temperature: 5 °C to 40 °C

Storage temperature: -10 °C to +50 °C

Compatibility: Analogue JUMBO Systems

Analogue JUMBO systems with diode and OpenBus JUMBO versions

All OpenBus control boxes

CAL40, CAL40+ and COL50

See compatibility matrix

Approvals: IEC60601-1

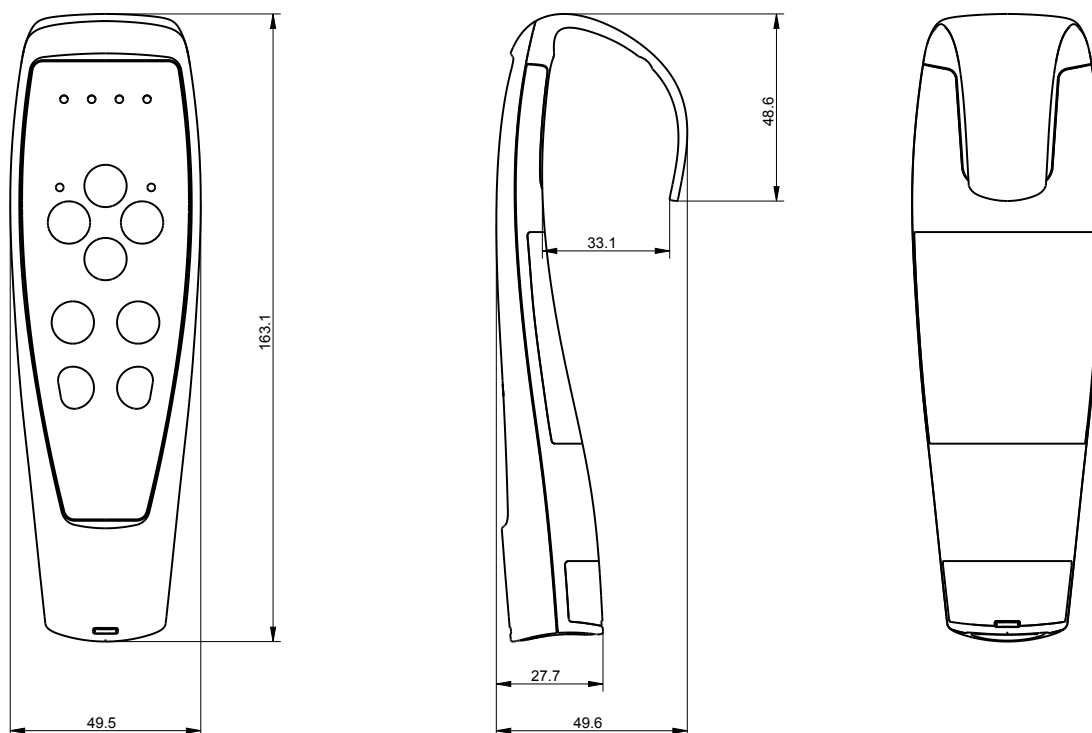
ANSI/AAMI ES60601-1

CAN/CSA-22.2 No 60601-1

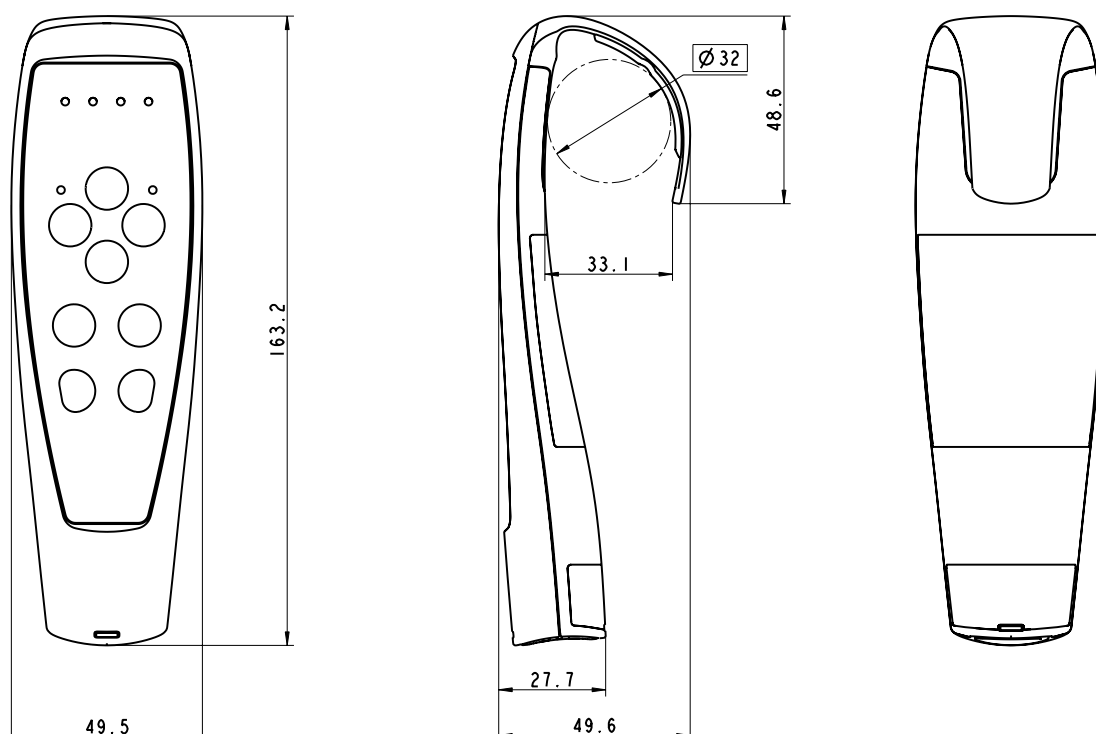
The HB30 has a compact design and therefore it cannot be approved according to EN IEC60601-2-52 (Application Environment 4 for care beds used in Domestic areas (or EN1970)).

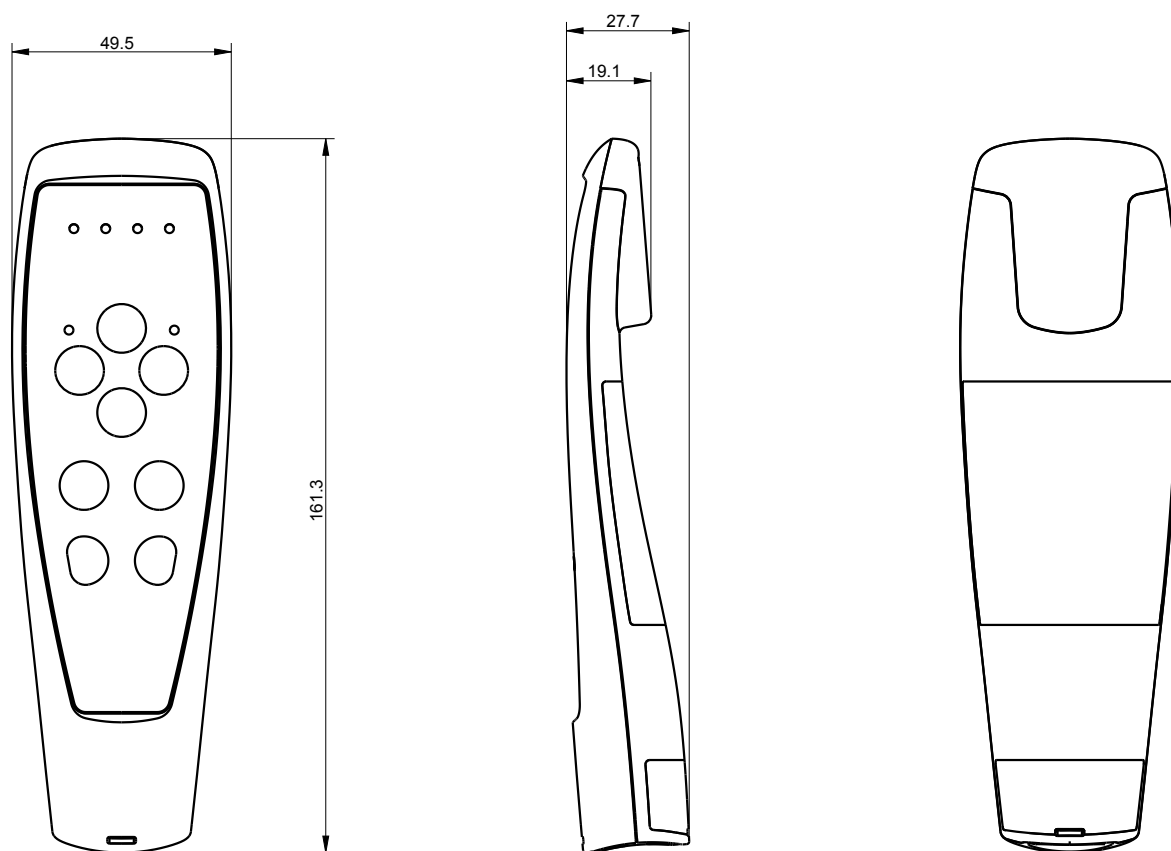
Dimensions

Dimensions (mm) for housing with hook



Dimensions (mm) for housing with anti-slip rubber hook

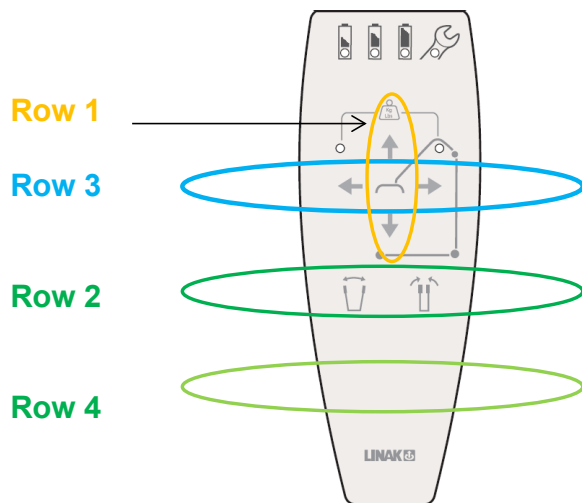


Dimensions (mm) for housing with magnet

Ordering example

H	B	3	20	0	B	0	0	0	0	6	-	2	0	0	N	N	N	N	0	0	0	
																					Not used	0 = None
																					Not used	0 = None
																					Not used	0 = None
																					Cable	E = Exchangeable coiled F = Fixed coiled N = None
																					Cable Matr.	1 = PU N = None
																					Cable Type	A = DIN type A, coil 600 mm B = DIN type B, typically for CBJ2 or CBJC analogue coil 600 mm C = DIN type C, typically for CBJC OpenBus™ coil 600 mm D = Modular type D, typically for CBJHome coil 600 mm E = Modular type E, for standard OpenBus systems coil 600 mm F = DIN type F, coil 300 mm G = DIN type G, typically for CBJ2 or CBJC analogue coil 300 mm H = DIN type H, typically for CBJC OpenBus coil 300 mm I = Modular type I, typically for CA30/CA40 J = Modular type E, for standard OpenBus systems and COL50 coil 300 mm K = Modular type E, for standard OpenBus systems and COL50 coil 600 mm (Washable DURA) L = Modular type I, typically for CA30/CA40 (Washable DURA) M = Modular type E, for standard OpenBus systems and COL50 coil 300 mm (Washable DURA) N = None
																					Cable Colour	2 = Grey RAL7035 N = None (If no cable)
																					Housing	0 = Basic (Analogue and diode OpenBus variants)
																					Mounting	0 = Hook 1 = Hook with rubber grip M = Magnetic
																					Colour	2 = Grey RAL7035 -
																					IP-Degree	4 = IPx4 6 = IPx6 W = IPx6 Washable DURA
																					Front Cover Number	The last 3 digits in the front-cover number
																					Front Cover	0 = Standard X = Special
																					Functionality	0x = Analogue systems Lx = Analogue systems with diode Vx = OpenBus versions xx = Special
																					Layout of buttons	10 = 1 row 20 = 2 rows 30 = 3 rows 32 = 3 rows without row #2 40 = 4 rows 41 = 4 rows without row #1 43 = 4 rows without row #3 4A = Row 4 is present but see button layout 4B = Row 4 is present but see button layout 4C = Row 4 is present but see button layout 4D = Row 4 is present but see button layout xx = Special
																					Controls Type	B3 = HB30
																					Controls	H = All hand controls

Layout of buttons



- 10 = 1 row
- 20 = 2 rows
- 30 = 3 rows
- 31 = 3 rows without row #1
- 32 = 3 rows without row #2
- 40 = 4 rows
- 41 = 4 rows without row #1
- 43 = 4 rows without row #3
- 4A = 4 rows without rows #2 and #3
- 4B = 4 rows without rows #1, #2 and #3
- 4C = 4 rows without rows #1 and #3
- 4D = 4 rows without rows #1, #2 and #4
- xx = Special

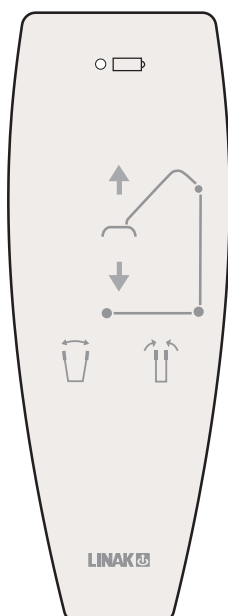
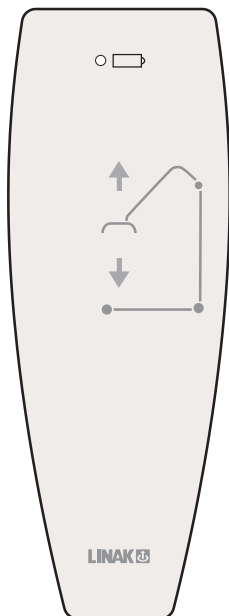
Front cover standards for JUMBO

The last 3 digits in the front cover code are to be used in the ordering example.

HB3X0L0 standard front covers for analogue with diodes

00HB3B101A00

00HB3B201A00

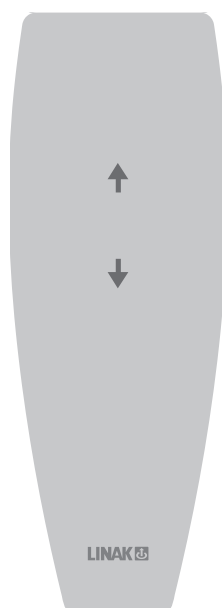
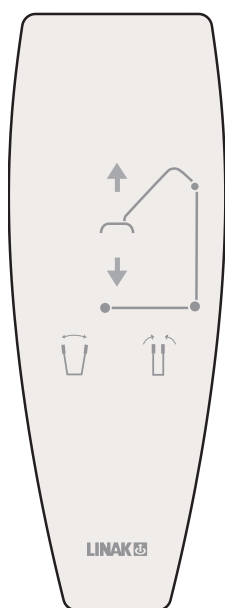
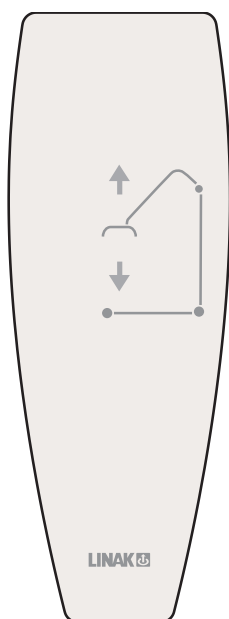


HB3X000 standard front covers for analogue without diodes

00HB3B101B00

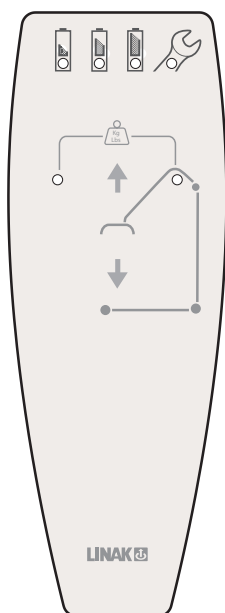
00HB3B201B00

00HB3B101B02



HB3X0VC standard OpenBus™ diode front covers

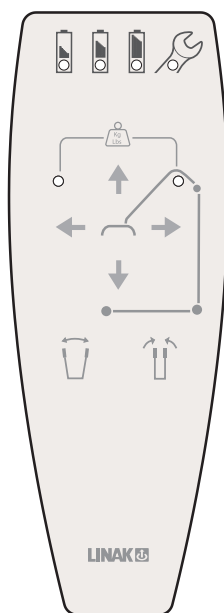
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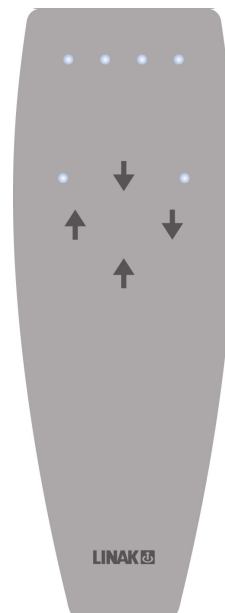
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00HB3B301D00



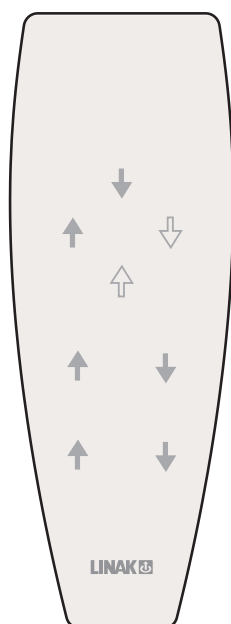
00HB3B321D001



Front cover standards for OpenBus™

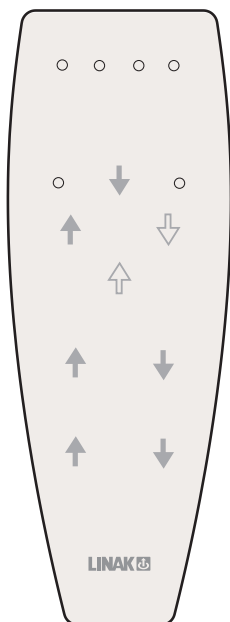
HB3XXV0-1-2 standard
OpenBus front cover
without diodes

00HB3B401E01



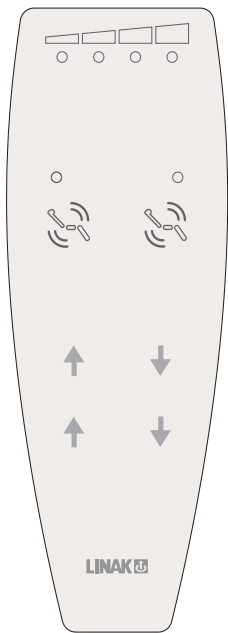
HB3XXVF-G-H standard
OpenBus front cover
with diodes

00HB3B401D01

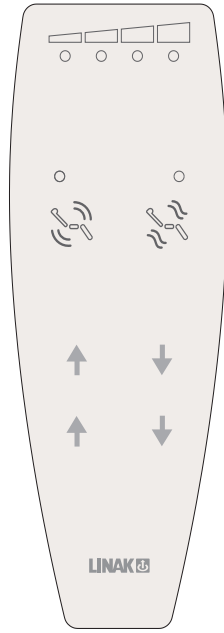


HB3XXVF-G-H standard OpenBus front covers with diodes

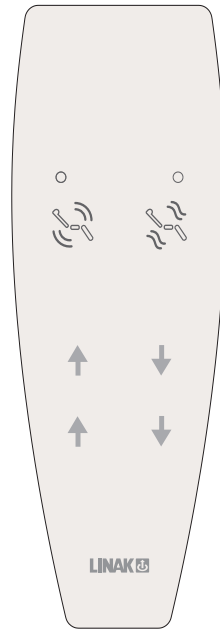
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00HB3B411D01

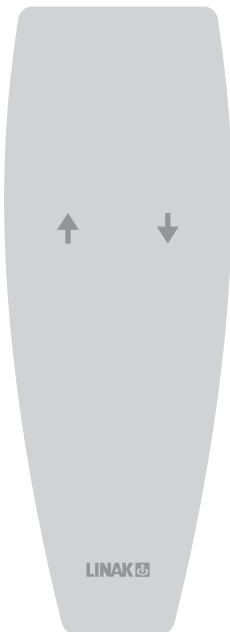


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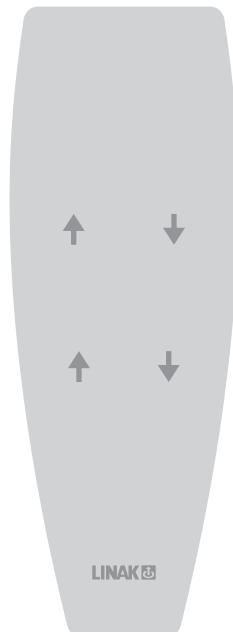


Standard analogue CA30/CA40 front covers without diodes

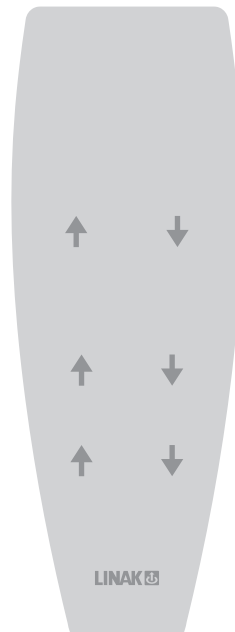
00HB3B4D1B01



00HB3B311B01



00HB3B411B01



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