

Hand Control HB100 Weighing Solution Data Sheet



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Introduction



The HB100 is an intelligent hand control with the LINAK® Weighing Solution and many other features.

It offers a 2.4" colour display with a full navigation menu keypad, thus allowing the display to be dynamic without physically having to change the hand control. The HB100 will automatically scan the system and only show the features available to create a user-friendly experience.

The HB100 is continually updated with new software when new features are available. The HB100 includes the following features: Scale, Out Of Bed detection, and lights.

Features and options

Housing colour	Light grey, RAL 7035
Protection class	IPX6 Washable DURA™
Number of buttons	6
Button type	Domes
Outer dimensions	H: 175 mm W: 68.1 mm D: 26.9 mm (without hook) D: 56.7 mm (with hook)
Display technology	TFT
Display size	2.4"
Display resolution	320 x 240 pixels
Weight	130 g
Cable	Replaceable cable
Front cover	Standard or customised
Background lighting	Keypad and display
Features	Scale Out Of Bed Under Bed Light
Languages	English German French Spanish Danish Portuguese Chinese Polish



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	- IEC 60601-1:2005 + Amd.1:2012 (Consolidated version IEC 60601-1:2012 Ed. 3.1) - IEC 60601-1-2:2014 Ed. 4
Compatibility	All OpenBus™ control boxes
Flammability rating	V2
Latex free	Yes



Ordering example

Series	120	120 = HB120
Functionality	2A	2A = Feature package 2A
Display or keypad	1	1 = Display
Hall	1	1 = Hall
None	0	0 = None
Backlight	1	1 = Backlight
Not used	0	0 = None
Not used	0	0 = None
Not used	0	0 = None
Front cover layout	1A	1A = Standard display 1X = Special front cover layout
Front cover number	001	001 = 00HB1101A-001 004 = 00HB1101A-004 XXX = Special front cover
IP-degree	W	W = Washable DURA™
Colour	1	1 = Grey (RAL7035)
Mounting	1	1 = Hook
Connectivity	1	1 = Cabled
Plug type	1	1 = Modular 10-pin
Cable	C	C = Coiled
Cable colour	1	1 = Grey (RAL7035)
Not used	0	0 = None
Not used	0	0 = None
Not used	0	0 = None
Not used	0	0 = None

Chosen item number:

HB1202A11010001A001W1111C10000



Approvals and certifications

For approval documentation, LINAK recommends specifying the product type instead of individual item numbers to ensure broader approval coverage and simplify future product changes.

Listed LINAK item for application approval: HB100

If this is not possible, we advise being as non-specific as possible when specifying LINAK products in your approval application:

Listed LINAK item for application approval: HB1*****SSS*****S*****SSSS

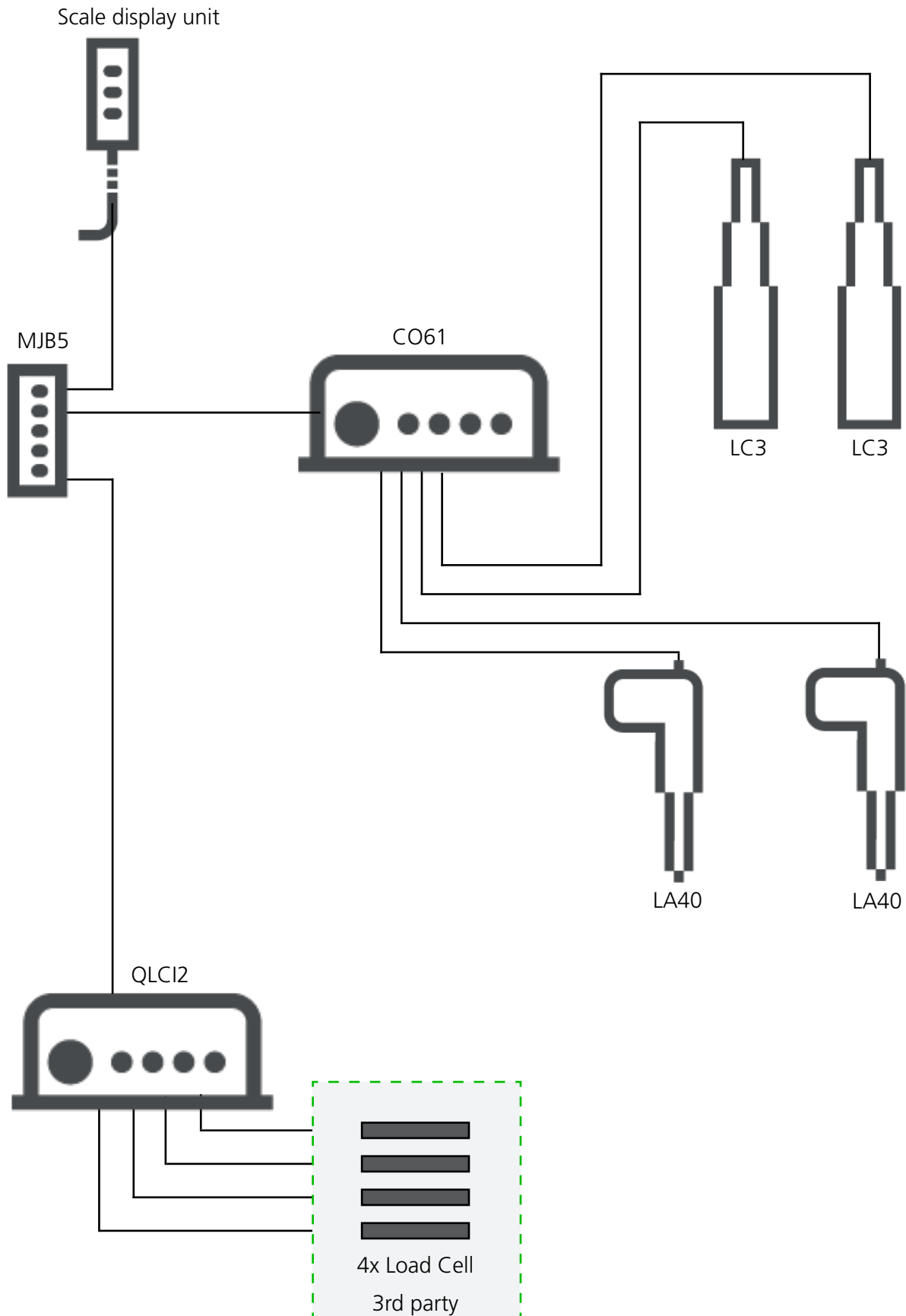
" * " is not safety critical and we recommend including a non-specific signifier such as an asterisk.

" S " is safety critical and represents a listed critical component in the product and cannot be left out.

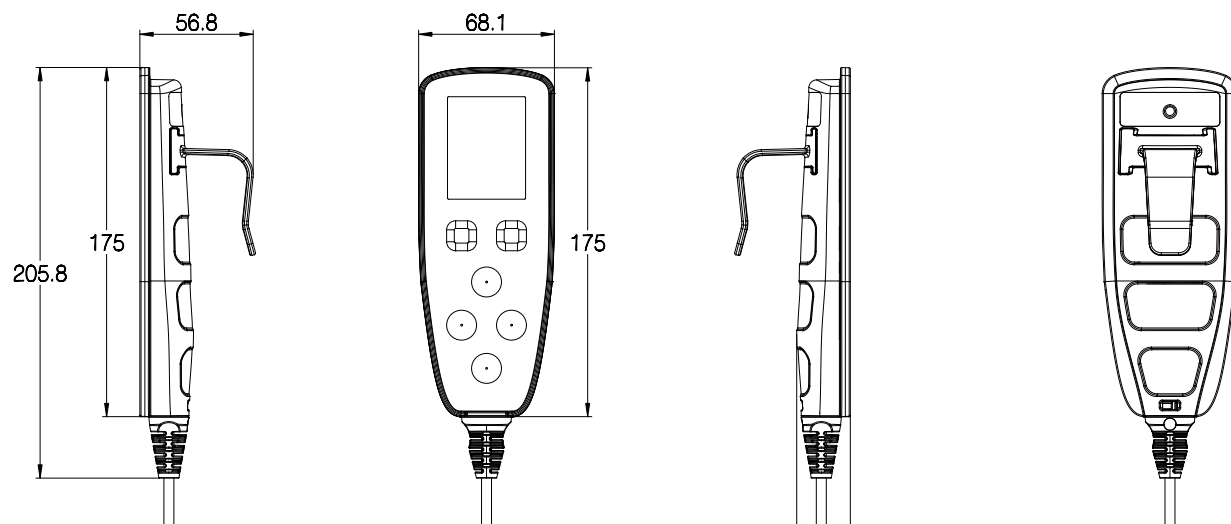
For more information, please refer to "Approvals and certifications" in LINAK Application Design Recommendations found under User Manual for any given product on LINAK.com



System overview

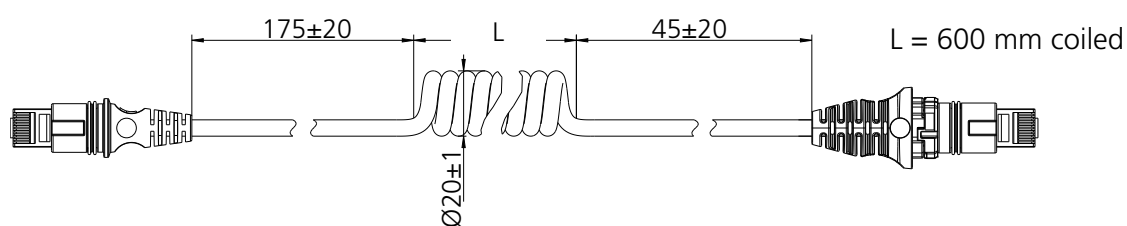


Dimensions



Drawing no. 1034w4003

Cable



Drawing no. 1034w7002

Front covers

The hand control HB100 is available with two standard front covers:

- one with LINAK logo
- one without LINAK logo

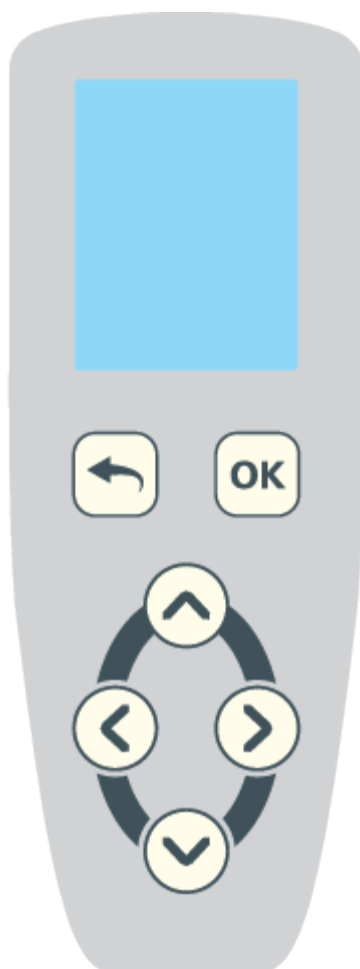
Transparent white areas will let backlight through, but will stay white when turned off.

For customised front covers please contact LINAK A/S.

Please be aware that the button functionality cannot be changed.



00HB1101A-001



00HB1101A-004

-  = Dark grey RAL 7011
-  = Light grey RAL 7035
-  = Transp. area White RAL 9010
-  = 0.15 mm dots

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