HB70
HANDSET

Features:
- *Easily operated by both left and right handers*
- *Ergonomic and elegant design*
- *Tactile switches secure long lifetime*
- *Up to 10 easy-touch buttons*
- *Protection class IP66*
- *600 mm coiled cable*
- *Colour black (RAL 9005)*

Options:
- *Customised front cover*
- *Memory options*
- *Simultaneous drive of more actuators*
- *Colour grey (RAL7035) / dark grey (RAL 7016 - only CB6/LA27 system)*
- *Protection class IP66 washable*
- *Protection class IP51 (CS27)*

Usage:
- *Compatible with most LINAK control boxes*
- *Approved according to: EN 60601-1, EN 60335-1 and UL 60601-1 as part of a LINAK actuator system*

HOMELINE®
IMPROVING COMFORT
MEDLINE®
IMPROVING EFFICIENCY
CARELINE®
IMPROVING EFFICIENCY

HB70 combines ergonomic design and functionality.

LINAK offers HB70 with protection class IP 66 as standard and a range of options such as control of up to 5 actuators, memory and simultaneous drive. HB70 is designed to operate with most LINAK control boxes.

LINAK®
WE IMPROVE YOUR LIFE

Dimensions (mm):

66
174
24
27
33

LINAK A/S
HB70001A
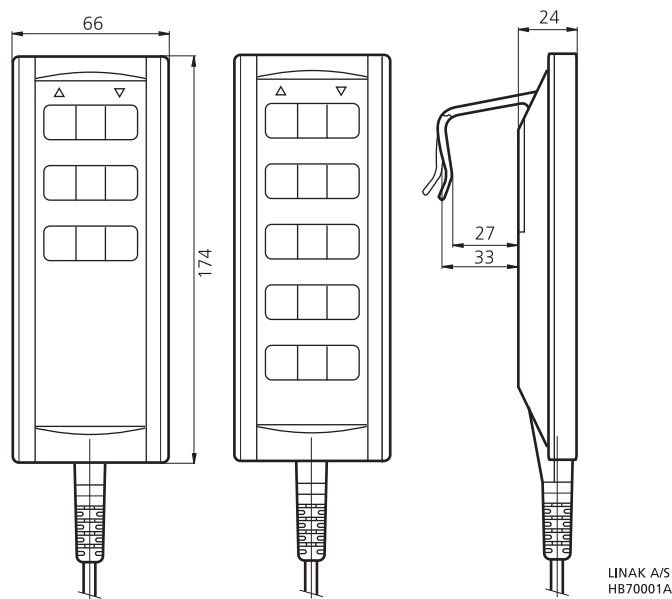
Precautions:
- It is not possible to combine the HB7x with the binary based CB9..PM/PN.
- The IP66 Washable version has a special adhesive for the front covers.
- The **HB75xEx** used together with the CB140 will give trend and anti-trend on channel 1 and 2 of the control box when using the last button row.
- All front covers use the codes W0 (not Washable) and WW (Washable)

Memory:
- The memory and parallel functions require the control box to have a microprocessor.
- When storing the memory position on the CB20, CB14, CB18MKII and newer versions the actuators must be run to the desired position and the "store" button (S) must be pushed.
  Then the desired memory position button (1, 2 or 3) must be activated within 2 seconds.

HB70
Ordering example:

HB7 1 6 00 01 + 4 2420

Cable length

Standard lengths

Plug + Cable-type		5-wire	7-core		8-core		9-core		3/5 or 5/7 core
		Grey	Black	Grey	Black	Grey	Black	Grey	Dark grey
D	Coiled							0600	
I	Coiled		0500						
N	Straight		2420						
-	Straight							2420	
p	Coiled/							**0600/**	
l	Straight							1700	
u	Coiled/							**0600/**	
g	Straight							500	
MP	Coiled								
MP	Coiled	0600						0600	
MF	Straight								2000
UF	Straight							2475	

MP = Modular Plug (8 pins) for CB7/CBD
MP = Modular Plug (10 pins) for CB6
MF = Mini-Fit for CB27 (functionality 00)
UF = Micro-Fit for CS18 (functionality 0X, Hx)

Cable type

0 Straight Mini Fit for CB27 (3/5 cores or 5/7 cores)
1 Coiled 9-core. DIN
2 Coiled 7-core. DIN (max. Ch.3)
3 Coiled 8-core. Modular Plug (CB7/CBD/CBR)
4 Straight 7-core. DIN. (max. Ch. 3)
5 Straight 9-core. DIN
6 Coiled 9-core Modular Plug (CB6, TDC)
8 Coiled 9-core. Extra long straight end 1,7 m DIN
9 Coiled 9-core. Extra long straight end. 0,5 m DIN
A Straight 12-pin micro-fit for CS18. 9 + 2 cores
B Coiled 5 wire Modular Plug (e.g. CB20, CBJH)

	Grey (dark-light)
	0277015- or 0277016-
	0015622
	0015624
	0015650
	0015652
	0277010-600
	0015627
	0015625
	00914450
	0964004

Box Colour
+ = Grey - RAL 7035 (not for CB6)
. = Black (not for CB6)
= = Dark grey - RAL 7016 (Only for CB6 and CS27)

Front cover = XX (see page "HB70 Standard front covers")

Functionality = XX (see next page)

IP Degree
1 IP51 (if cable type 0 (Only CS27))
6 IP66
9 IP66 washable ("WW" means washable, as part of the front cover code)

Number of ROWS (exclusive rows for memory)
Max. 5 rows
Max. 3 rows for memory types (not including memory rows)

HB-Type

For customised front covers, please contact the sales department at LINAK A/S.
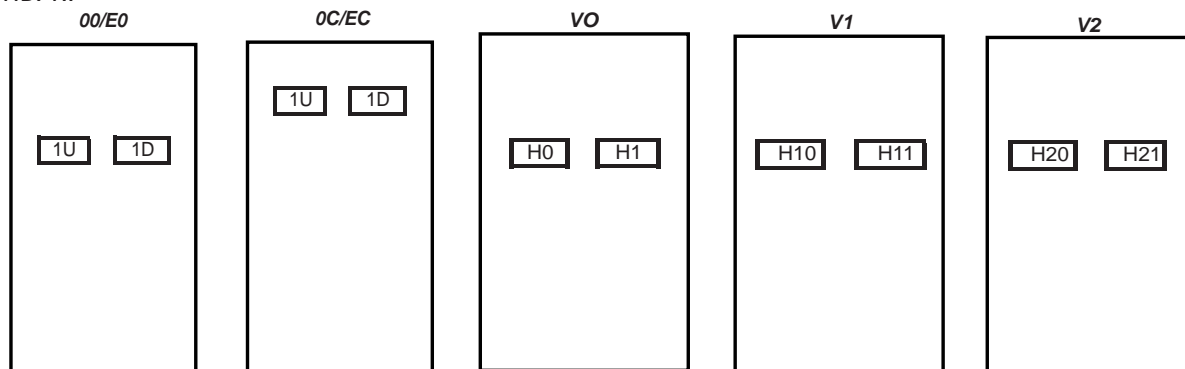

Functionality overview for the HB7X :
0x   (HB40 like) for: CB6 (CB6 with 3 ch. = ch.1,3 and 4), CB7, CB8, CB18 (max. 3
      channels),TDC, CBJH, sometimes CB9..AX and CB12 - see also Hx
Ex   (Matrix) for: CB9..Px (not CB9..PM/..PN) and CB14
EF   (Matrix) for: CB140
Hx   (HB40 like, common gnd) for simultaneous drive on both CB9 and CB12
EW   (Memory / Matrix) for: CB9..Px (not CB9..PM/..PN) and CB14
LO   (Binary) for: CB18MKII and newer versions
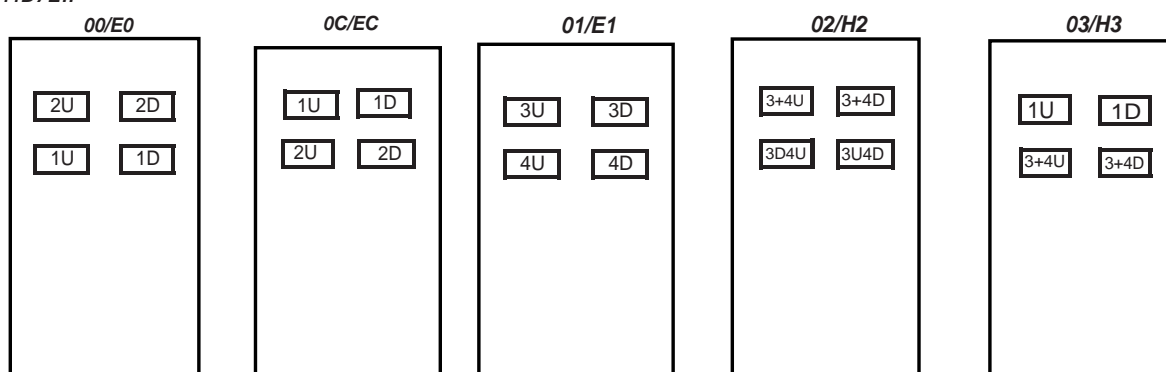Vx   (OPENBUS™ functionality)

Functionality explanation:
The digits above the functionality drawings are to be used as part of the product item number.
• On page 3, in the ordering example, there is a space reserved for 2 "functionality"
  digits (between the IP degree and the last 2 digits of the front cover number).
• I.e. if you need a HB72 you can e.g. choose between "02" and "H2" functionalities.
• "02" functionality is compatible with CB6, CB7, CB8,…… ;
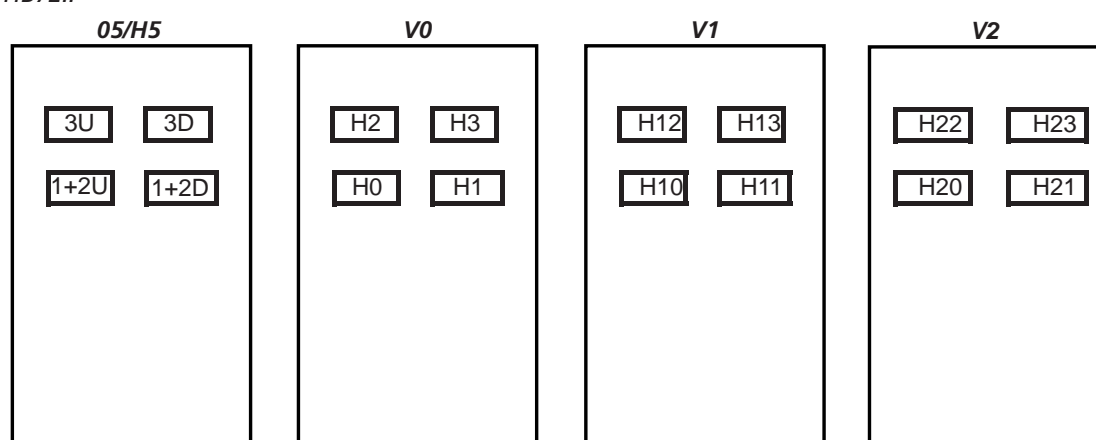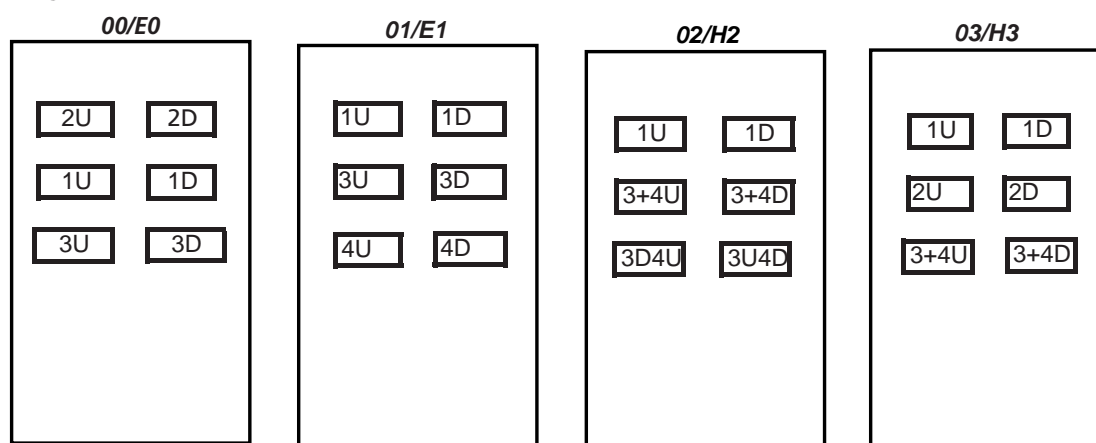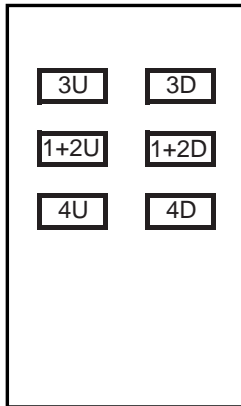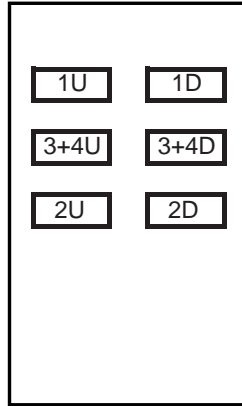• "H2" functionality for simultaneous drive on both CB9 and CB12

HB71..

00/E0	0C/EC	VO	V1	V2
1U 1D	1U 1D	H0 H1	H10 H11	H20 H21

HB72..

00/E0	0C/EC	01/E1	02/H2	03/H3
2U 2D	1U 1D	3U 3D	3+4U 3+4D	1U 1D
1U 1D	2U 2D	4U 4D	3D4U 3U4D	3+4U 3+4D

HB72..

05/H5	V0	V1	V2
3U 3D	H2 H3	H12 H13	H22 H23
1+2U 1+2D	H0 H1	H10 H11	H20 H21

HB73..

00/E0	01/E1	02/H2	03/H3
2U 2D	1U 1D	1U 1D	1U 1D
1U 1D	3U 3D	3+4U 3+4D	2U 2D
3U 3D	4U 4D	3D4U 3U4D	3+4U 3+4D

For all types attention should be given to ensure that the channels shown correspond to the channels on the chosen control box.
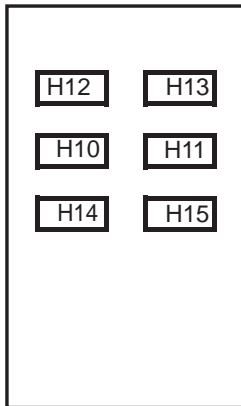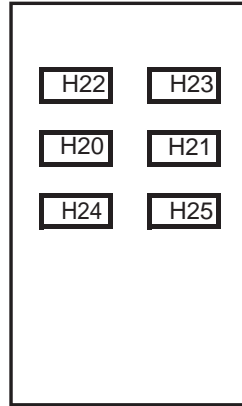
HB73..

05/H5

3U	3D
1+2U	1+2D
4U	4D

07/H7

1U	1D
3+4U	3+4D
2U	2D

08/H8

3U	3D
1+2U	1+2D
1D2U	1U2D

V0

H2	H3
H0	H1
H4	H5

HB73..

V1

H12	H13
H10	H11
H14	H15

V2

H22	H23
H20	H21
H24	H25

HB74..

00/E0

2U	2D
1U	1D
3U	3D
4U	4D

0A/HA

1U	1D
3U	3D
2U	2D
1+2U	1+2D

HB74..

06/H6

3U	3D
1U	1D
4U	4D
3+4U	3+4D

07/H7

1U	1D
3+4U	3+4D
2U	2D
1+2U	1+2D

03/H3

1U	1D
3U	3D
4U	4D
3+4U	3+4D

05/H5

3U	3D
1+2U	1+2D
4U	4D
3+4U	3+4D

HB74..

04/H4

2U	2D
1U	1D
3U	3D
2+3U	2+3D

02/H2

1U	1D
2U	2D
3+4U	3+4D
3D4U	3U4D

08/H8

3U	3D
4U	4D
1+2U	1+2D
1D2U	1U2D

V0

H2	H3
H0	H1
H4	H5
H6	H7
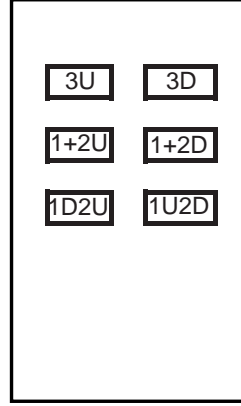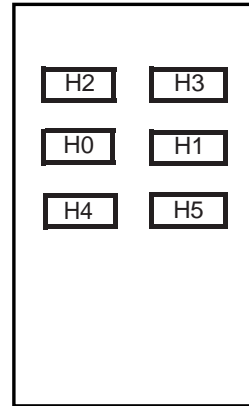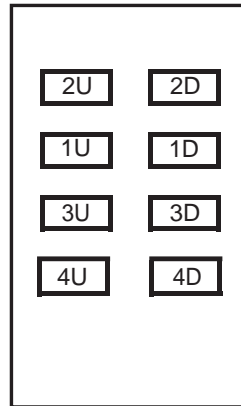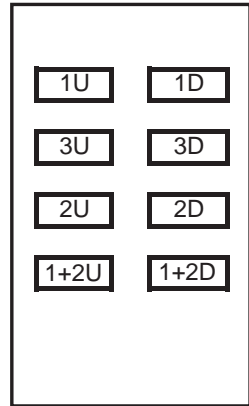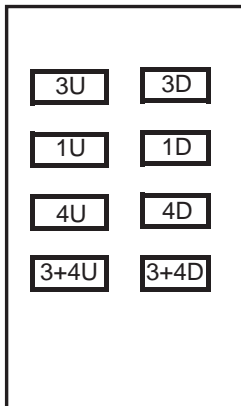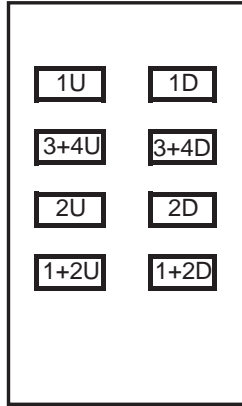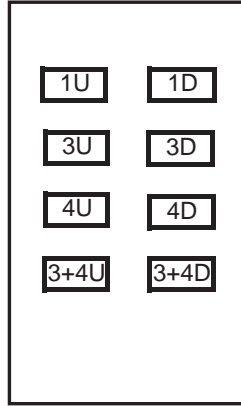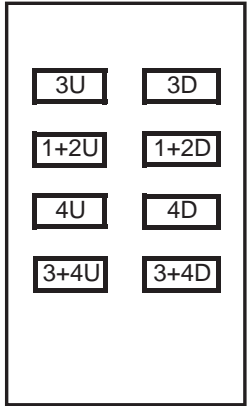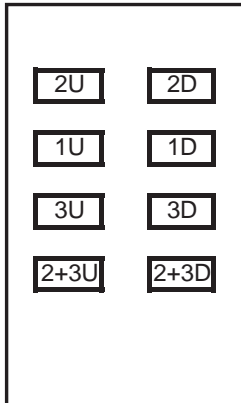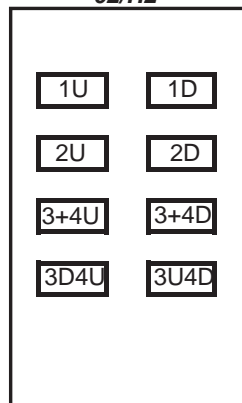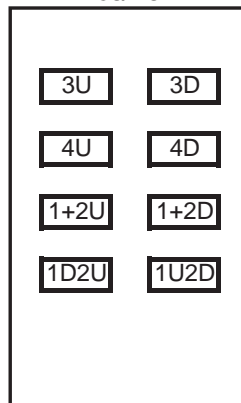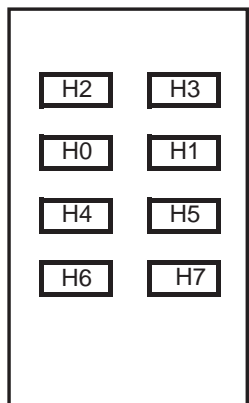
HB74..

V1

H12	H13
H10	H11
H14	H15
H16	H17

V2

H22	H23
H20	H21
H24	H25
H26	H27

HB75..

0A/HA

1U	1D
3U	3D
2U	2D
1+2U	1+2D
4U	4D

0B/HB

1U	1D
3U	3D
2U	2D
1+2U	1+2D
	4D

HB75..

02/H2

1U	1D
2U	2D
1+2U	1+2D
3+4U	3+4D
3D4U	3U4D

04/H4

2U	2D
1U	1D
3U	3D
2+3U	2+3D
4U	4D

07/H7

1U	1D
3+4U	3+4D
2U	2D
1+2U	1+2D
3D4U	3U4D

08/H8

3U	3D
4U	4D
3+4U	3+4D
1+2U	1+2D
1D2U	1U2D

HB75..

09/H9

3U	3D
1+2U	1+2D
4U	4D
3+4U	3+4D
1D2U	1U2D

E0/EF

2U	2D
1U	1D
3U	3D
4U	4D
5U	5D

V0

H2	H3
H0	H1
H4	H5
H6	H7
H8	H9

V1

H12	H13
H10	H11
H14	H15
H16	H17
H18	H19

HB75..

V2

H22	H23
H20	H21
H24	H25
H26	H27
H28	H29

HB73..

EW/L0

2U	2D
1U	1D
3U	3D
1	2
3	S

HB72..

EW/L0

2U	2D
1U	1D
1	2
3	S

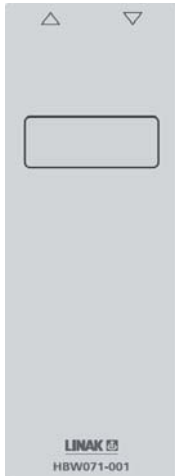**HB71..**

EW/L0

1U	1D
1	2
3	S

HB70 Standard front covers - when ordering check that the handset functionality corresponds to the symbols on the front cover.
The last 2 digits in the front cover code are to be used in the ordering example (xx).

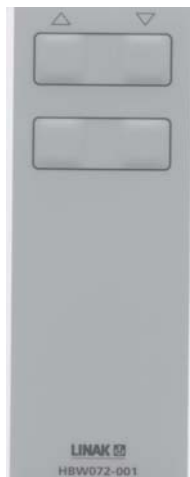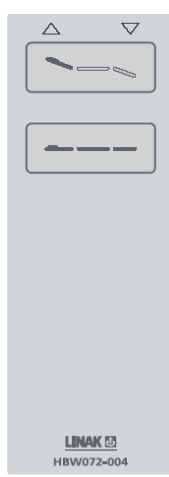HBW071-00   HBW071-01   HBWW71-15   HBW071-19   HBW071W-01   HBW072-00
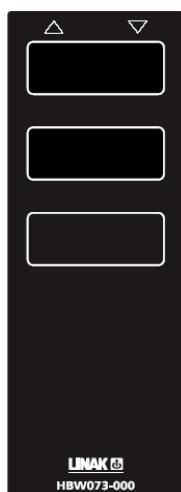
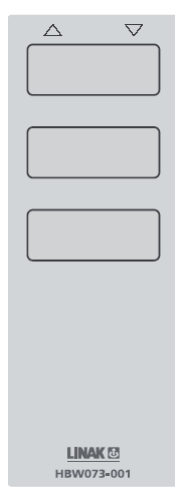HBW072-01   HBW072-03   HBW072-04   HBW072-33   HBWW72-37   HBW072W-02

HBW073-00   HBW073-01   HBW073-05   HBW073-06   HBW073-34   HBW073-56
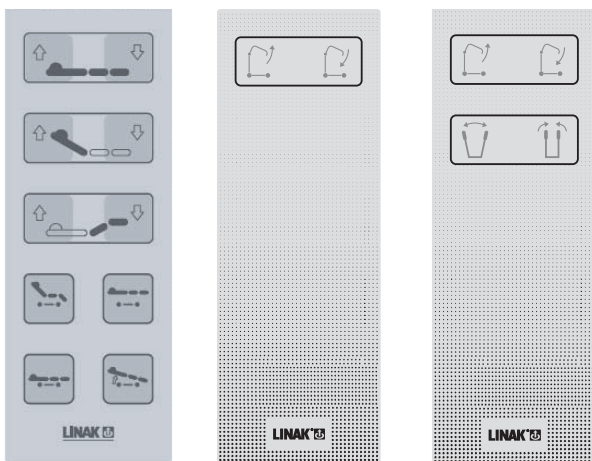
HBWW73-61 HBW073W-01 HBW074-00 HBW074-01 HBW074-26 HBWW74-42

HBW074-53 HBWW74-79 HBW075-00 HBW075-01 HBW075-21 HBW075-25

HBWW75-48 HBW071-28 HBW072-47