MEDLINE CARELINE

Service readout and Service Data Tool with JUMBO Care 2nd generation User manual

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Preface

We are delighted that you have chosen a product from LINAK.

Your new JUMBO Care control box has a microprocessor inside making it possible to read out service data via the Service Data Tool and via the display (if available on your control box). In this manual you can read about how to use the service function and get the full benefit of it in your JUMBO Care.

If no drivers are installed on your laptop (if you never have used service data tool on your laptop before), please contact your local sales representative to get access to the IB300001 user manual in which this procedure is explained.

If you experience any problems with your new JUMBO Care, you are always welcome contact your local LINAK representative who will be able to help you.

LINAK A/S

Service Intervals

What is the service interval presetting?

A standard JUMBO Care control box will be pre-set with a service interval of: 12 months / 8000 cycles, whichever comes first.

How do I see on the control box that it is time for service?

The notice about service need depends upon the JUMBO Care version:

- No indicators on the front cover: one single beep telling that it is time for service
- Diodes on the front cover: The service diode will light up and one single beep will tell that it is time for service
- Display: The display will show the service symbol and one single beep will tell that it is time for service.

When does the service time start counting?

The service time will start to count down from the day the control box is produced.

How to change to another service interval?

The service interval can be changed via a special LINAK handset (Item number HB8646V2010 +). To change the service interval you simply plug in the handset in the JUMBO Care and press the button. You can choose from a number of months or cycles between services. You can also choose 'NO months' or 'NO cycles'.

E.g. Push M = 24, Push 10000.

The JUMBO Care is now set to indicate service need every 24 month or at 10000 cycles, whichever comes first.

After having set a different service interval, the control box with provide an audio sound (as a receipt).



Read out service data on a JUMBO Care with display

When you have a JUMBO Care with display, it is possible to have some basic service data on the display. To get this information on the display, press the "*lifting arm up*" button on your LINAK hand control or control box (short press ½ second).

The information that appears on the display is;



Before getting started with reading out service data on a laptop

Equipment needed to read out service data

When reading out service information on a laptop you need:

- Service Data Tool 2 version 2.5.0 or a newer version installed on the laptop. The software will be provided from your local LINAK sales representative
- An OpenBus programming and data readout box (item number IB300001)
- A service readout cable (LINAK item number 0964987-A)
- One USB A-B cable

How to connect the equipment and get started

- A) First of all, make sure that Service Data Tool drivers and the Service Data Tool 2 software (version 2.5.0 or higher for JUMBO Care 2nd generation) is installed on your laptop. If Service Data Tool drivers and the Service Data Tool software are not installed, please see the SDT2 user manual.
- B) Connect the equipment as shown below.

JUMBO Care

The service readout cable (item number 096498 A / 0964198) has to be connected via the HB port. It is also possible to use a T-cable (item number 015412-A for connection of hand control and Service Data Tool 2 at the same time.

JSB A-B cable

Please note! The T-cable is needed you do not have an activation button on the JUMBO Care control box.

When connection is observed, the red LED ("Supply 8V Missing") in the current laptop window changes to green.

- C) Wake the control box (by pressing a button on the hand control or a button on the CB for operation of lifting/lowering).
- D) Enter the Stort menu on your laptop *Instart* and choose the LINAK program to open the Service Data
 - Tool 🚯 Linak SDT2

Reading out service data on a laptop

- Ensure that the JUMBO Care view is initiated by pressing the menu shown.

Please contact your local LINAK supplier for support if this is not the case.



VE INFAULE TOOK LIFE JumboCare_2gen_Advanced(change) CBJC JumboCare_1gen JumboCare_2gen V JumboCare_2gen_Advanced

CBJ Care 2gen control box

Please notice that service data tool version Jumbo Care_2gen can be used for systems with



"JumboCare 25en Service data tool can also work with CBJ Care 1st gen. control boxes produced after July 2013 - see production date on the product label.

The Service Data for Jumbo Care 2nd generation is divided into sections:

Summary Actuators ControlBox Controls_Input-Dutput Report AdvancedSettings

Section	Used for		
Summary	For quick and easy overview of service indicator, battery status and actuator statistics		
Actuators	For detailed information about the actuators' statistical service data		
Control box	For detailed information about the control box and battery state		
Controls_InputOutput	For detailed information about hand control signals and codes		
Report	For service reporting and resetting of service counters via hand control after saving report		
Advanced settings	Intended for trained and authorised service technicians only. For change of service settings and update of actuator info if the control box is replaced to maintain service data. For update of information when replacing the actuator		

For further help and recommendations on each section, please press the help icon ⑦ or see next page.

Actuators



How to conclude on the service information

Total cycles and total work:

Please contact the lift manufacturer in order to decide when it is appropriate to consider exchanging the actuator.

Overload:

If overload has occurred it is recommended to consider stronger lifting equipment with higher working load for the particular patients/institution.

Control box



Controls

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LINAK J WE IMPROVE YOUR LIFE		
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Report

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Notes : 003 This This 004 Hereits	curstor 3 replaced andset replaced		v	Up to 4 notes readable	from the previous service	e visit
		Check the lift extra well Action is recommended	on the marked spots. in case of noteworthy o	bservations.		



Advanced settings

Please note! This section is only intended for trained and authorised service technicians



Get data from CB	Get / retrieve data from the control box: When entering new data, the data will be visible with bold script. "Get data from CB" undo changes and retrieve existing data from the control box.
Save new settings	Remember to save report with existing data before changing settings Save new settings: This will reset the above information with the new data filled in.

Resetting of service interval after service has been carried out.

Resetting of service is done by pressing 2 buttons (lifting arm up and lifting arm down on the name control box at the same time for 5 seconds. (Buttons that need to be pressed might differ depending on hand control type or control box). After pressing the buttons for 5 seconds, you will receive an audio signal indicating that the over has been reset. The timer will reset the diodes/clear the display for service symbol, and start counting a new service period.



Info Site

The lift manufacturer can add one information site per section and it is accessible via the icon ①

The information site may include further information e.g. service checklist for the service technician to follow, Lift guidance by lift type etc.

FACTORIES

China

LINAK (Shenzhen) Actuator Systems, Ltd. Phone: +86 755 8610 6656 Phone: +86 755 8610 6990 www.linak.cn

Denmark - Headquarters

LINAK A/S Phone: +45 73 15 15 15 Fax: +45 74 45 80 48 Fax (Sales): +45 73 15 16 13 www.linak.com

Slovakia

LINAK Slovakia s.r.o. Phone: +421 51 7563 444 www.linak.sk

Thailand

LINAK APAC Ltd. Phone: +66 33 265 400 www.linak.com

USA

LINAK U.S. Inc.

Americas Headquarters Phone: +1 502 253 5595 Fax: +1 502 253 5596 www.linak-us.com www.linak-latinamerica.com

SUBSIDIARIES Australia

LINAK Australia Pty. Ltd Phone: +61 3 8796 9777 Fax: +61 3 8796 9778 www.linak.com.au

Austria

LINAK Repräsentanz - Österreich (Wien) Phone: +43 (1) 890 7446 Fax: +43 (1) 890 744615 www.linak.at - www.linak.hu

Belgium

LINAK Actuator-Systems NV/S (Belgium & Luxembourg) Phone: +32 (0)9 230 01 09 www.linak.be - www.fr.linak.be

Brazil

LINAK Do Bráil Comércio De Atuad Phone: +55 (1) 283 7070 Fax: +55 (11) 2832 7060 www.linak.com.br

Canada

LINAK Canada Inc. Phone: +1 502 253 5595 Fax: +1 416 255 7720 www.linak-us.com

Czech Republic

LINAK C&S s.r.o. Phone: +42 058 174 1814 Fax: +42 058 170 2452 www.linak.cz - www.linak.sk

Denmark - International

LINAK International Phone: +45 73 15 15 15 www.linak.com

Denmark - Sales

LINAK DANMARK A/S Phone: +45 86 80 36 11 Fax: +45 86 82 90 51 www.linak.dk

Finland

LINAK OY Phone: +358 10 841 8700 www.linak.fi

France

LINAK FRANCE E.U.R.L Phone: +33 (0) 2 41 36 34 34 Fax: +33 (0) 2 41 36 35 00 www.linak.fr

Germany

LINAK GmbH Phone: +49 6043 9655 0 Fax: +49 6043 9655 60 www.linak.de

India

LINAK A/S India Liaison Office Phone: +91 120 4531797 Fax: +91 120 4786428 www.linak.in

Ireland

LINAK UK Limited (Ireland) Phone: +44 (0)121 544 22 +44 (0)121 544 Fax. +44 (0)796 85 1606 (UI +35 387 634 65 Nreland (Republ www.linak Italv LINAK ITALIA S.r.I +39 02 48 82 52 48 4 w١ Jap INA

None 61-45-533-0802 ax 81-45-533-0803 www.linak.jp

Malaysia

LINAK Actuators Sdn. Bhd. Phone: +60 4 210 6500 Fax: +60 4 226 8901 www.linak.my

Netherlands

LINAK Actuator-Systems B.V. Phone: +31 76 5 42 44 40 www.linak.nl

New Zealand

LINAK New Zealand Ltd Phone: +64 9580 2071 Fax: +64 9580 2072 www.linak.com.au

Norway

LINAK Norge AS Phone: +47 32 82 90 90 www.linak.no

Poland

LINAK Polska LINAK Danmark A/S (Spólka Akcyjna) Phone: +48 22 295 09 70 / +48 22 295 09 71 www.linak.pl

Republic of Korea

LINAK Korea Ltd. Phone: +82 2 6231 1515 Fax: +82 2 6231 1516 www.linak.kr

Russia

LINAK LLC Phone: +7 495 780 3161 Fax: +7 495 687 1426 www.linak.ru

Spain

LINAK Actuadores, S.L.u Phone: +34 93 88 27 77 Fax: +34 96 588 27 85 www.linak.ee Sweden

LINAK Scandinavia AB Phone: 46 8 732 20 00 Fax: 44 8 732 20 50

www.linak.se Switzerland

Phone +41 43 388 31 88 ax. +41 43 388 31 87 www.linak.ch - www.fr.linak.ch www.it.linak.ch

Taiwan

LINAK (Shenzhen) Actuator systems Ltd. Taiwan Representative office Phone: +886 2 272 90068 Fax: +886 2 272 90096 www.linak.tw

Turkey

LINAK İth. İhr. San. ve Tic. A.Ş. Phone: + 90 312 4726338 Fax: + 90 312 4726635 www.linak.com.tr

United Kingdom

LINAK UK Limited Phone: +44 (0)121 544 2211 Fax: +44 (0)121 544 2552 www.linak.co.uk

DISTRIBUTORS Argentina

NOVOTEC ARGENTINA SRL Phone: 011-4303-8989/8900 Fax: 011-4032-0184 www.novotecargentina.com

Colombia

MEM Ltda Phone: +[57] (1) 334-7666 Fax: +[57] (1) 282-1684 www.mem.net.co

India

Mechatronics Control Equipments India Pvt Ltd

Phone: +91-44-28558484, 85 www.mechatronicscontrol.com

PT. HINADAYA EVEREST JAYA Phone: +6 221 544 8956, +6 221 644 8965 * +6 221 619 1925 Fai Sales): +6 221 619 4658 www.hej.co.id

Julq Scan Medical Tech Phone: +964 770 470 2202

Israel

NetivTech LTD Phone: +972 55-2266-535 Fax: +972 2-9900-560 www.netivtech.com

Kingdom of Bahrain

Mechatronics Industrial Equipments Phone: +973 17280059 Fax: +973 17910045 www.mechatronicsbh.com

Qatar

Mechatronics Industrial Equipments Phone: +974 44581155 Fax: +974 44689135 www.mechatronicsqatar.com

Russia

OOO FAM Phone: +7 812 3319333 Fax: +7 812 3271454 www.fam-drive.ru

Singapore

Servo Dynamics Pte Ltd Phone: +65 6844 0288 Fax (Sales): +65 6844 0070

South Africa

Industrial Specialised Applications CC Phone: +27 011 466 0346 www.isaza.co.za

United Arab Emirates

Mechatronics Industrial Equipments LLC Phone: +971 4 267 4311 Fax: +971 4 267 4312 www.mechatronics.ae

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