

CBH Advanced systems



To learn more about LINAK please visit:
WWW.LINAK.COM

LINAK[®] 
WE IMPROVE YOUR LIFE

Contents

- Preface** 4
- Valid for** 5
- Important information** 6
 - Safety instructions 6
 - Safety issues 7
 - Before installation, re-installation or troubleshooting..... 8
 - Before Start-up 8
- Repairs** 10
- Manufacturer's declaration** 10
- Misc. on the HOMELINE® system** 11
 - Warranty 11
 - Maintenance 11
- ETL-marking** 12
- Description of the HOMELINE® CBH Advanced system**..... 13
 - Mounting guideline for the CBH..... 13
 - Cable relief 14
- Disposal of LINAK's products** 15
- Disposal of batteries** 15
- Labels** 16
- Drawings** 18
- Addresses** 28

Preface

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

LINAK systems are high-tech products based on many years of experience in the manufacture and development of actuators, electric control boxes, controls and chargers.

This User Manual does not address the end-user. It is intended as a source of information for the manufacturer of the equipment or system only, and it will tell you how to install, use and maintain your LINAK electronics. It is the responsibility of the manufacturer of the end-use product to provide a User Manual where relevant safety information from this manual is passed on to the end-user.

We are sure that your LINAK product/system will give you many years of problem-free operation.

Before our products leave the factory they undergo full function and quality testing. Should you nevertheless experience problems with your LINAK product/system, you are always welcome to contact your local dealer.

LINAK subsidiaries and some distributors situated all over the world have authorised service centres, which are always ready to help you.

LINAK provides a warranty on all its products. This warranty, however, is subject to correct use in accordance with the specifications, maintenance being done correctly and any repairs being carried out at a service centre, which is authorised to repair LINAK products.

Changes in installation and use of LINAK products/systems can affect their operation and durability. The products are not to be opened by unauthorised personnel.

The User Manual has been written based on our present technical knowledge. We are constantly working on updating the information and we therefore reserve the right to carry out technical modifications.

LINAK A/S

Valid for:

This User Manual is valid for the following products:

(See the first 3 - 5 characters on the label)

Actuators:	LA27, KA20
Control box:	CBH1220A
Power supply:	SMPS001, SMPS002 or SMPS006
Controls:	HB20, HC20
Accessories:	BA001, Lightplug001, LED Lightbox001, DC Connector001, USB Connector001, MD1000D2

Important information

Important information on LINAK® products can be found under the following headings:



Warning!

Failure to comply with these instructions may result in accidents involving serious personal injury.



Failing to follow these instructions can result in the product being damaged or being destroyed.

Safety instruction

General

Safe use of the system is possible only when the operating instructions are read completely and the instructions contained are strictly observed.

Failure to comply with instructions marked with the "NOTE" symbol may result in serious damage to the system or one of its components.



It is important for everyone who is to connect, install, or use the systems to have the necessary information and access to this User Manual. Follow the instructions for mounting – risk of injury if these instructions are not followed.



The appliance is not intended for use by young children or infirm persons without supervision.



If there is visible damage on the product it must not be installed.



Note that during construction of applications, in which the actuator is to be fitted, there must be no possibility of personal injury, for example the squeezing of fingers or arms.



Only the power supply type SMPS001, SMPS002 or SMPS006, shall be used with the system (CBH Advanced System).

The power supply shall not be covered while operating to allow sufficient cooling of this appliance.

Furthermore take care about the connecting wires from the power supply to the CBH Advanced System, don't damage this by overrun.



Assure free space for movement of application in both directions to avoid blockade.



The appliance is only to be used with the power supply unit provided with the appliance.

Safety issues



The builder of the equipment shall ensure that the use of the component complies with relevant standards – like the Machine Directive. Care must be taken to avoid squeezing of cables as it can cause movement of the system!



The SMPS001/002/006 must not be packed in heat insulating material, but must be placed so that it can emit waste heat to the surroundings. There are no ventilation holes to consider, the SMPS emits heat through its surface.



Only the power supply type SMPS001, SMPS002 or SMPS006, shall be used with the system (CBH Advanced System).



Please observe that the actuators LA27 used for CBH Advanced systems are with Hall sensor and are not compatible with CBH Basic systems



Please observe that if you use the SMPS001 or SMPS002 the CBH Advanced must be configured first as the CBH Advanced is standard set to 29V DC. This is done via the CBH configurator. BA001 will not be charged



It is possible only to use 1 power supply (SMPS001, SMPS002 or SMPS006) for 2 CBH systems. Remember speed may decrease when running 2 systems at the same time.

Before installation, re-installation, or troubleshooting:

- Stop the actuators
- Pull out the mains plug.
- Relieve the actuators of any loads, which may be released during the work.

Before start-up:

- Make sure that the system has been installed as instructed in this User Manual.
- Make sure that the voltage of the control box/SMPS is correct before the system is connected to the mains.
- System connection. The individual parts must be connected before the control box/SMPS is connected to the mains. See the User Manual for LINAK actuators, if necessary.

During operation

- If the control box makes unusual noise or smells, switch off the mains voltage immediately.
- Take care that the cables are not damaged.
- The products must only be used in an environment, that corresponds to their IP protection.

Misc.

The actuator system has a sound level below 70dB(A) in typical applications.

Updated manuals and declarations can always be found here:
www.linak.com/homeline

Only for EU markets



This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.



Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Only for Non EU markets



Persons who do not have the necessary experience or knowledge of the product/products must not use the product/products. Besides, persons with reduced physical, sensory or mental abilities must not use the product/products, unless they are under surveillance or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons.



Moreover, children must be under surveillance to ensure that they do not play with the product.

Misuse



Do not overload the actuators – this can cause danger of personal injury and damage to the system.



Do not use the actuator system for lifting persons. Do not sit or stand on a table while operating – risk of personal injury.



Do not use the system in environments other than the intended indoor use

Repairs

In order to avoid the risk of malfunction, all HOMELINE® repairs must only be carried out by authorised LINAK® workshops or repairers, as special tools must be used and special gaskets must be fitted. Lifting units under warranty must also be returned to authorised LINAK workshops.



Warning!

If any of the HOMELINE® products are opened, there will be a risk of subsequent malfunction.



Warning!

The HOMELINE® systems are not resistant to cutting oil.

DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

Herewith declares that LINAK HOMELINE® products as characterized by the following models and types:

Control Boxes CB7, CB9H, CBH Advanced, CBH Basic

And

Linear Actuators LA27, LA27CS, LA28, LA29, LA31 HOMELINE

Dual Actuators TD1, TD3

And

Controls HB10, HB10RF, HB20, HB20RF, HB40, HB60, HC10, HC10RF, HC20RF,

And

Accessories DC CONNECTOR, DJBH, LED Lightbox, Lightplug001, Massage Motor, SMPS001, SMPS002, SMPS006, TR6, USB Connector

comply with the following parts of the Machinery Directive 2006/42/EC, ANNEX I, *Essential health and safety requirements relating to the design and construction of machinery*.

1.5.1 Electricity supply

The relevant technical documentation is compiled in accordance with part B of Annex VII and that this documentation or part hereof will be transmitted by post or electronically to a reasoned request by the national authorities.

This partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of the Machinery Directive 2006/42/EC where appropriate.

Nordborg, 2014-10-09

LINAK A/S
John Kling, B.Sc.E.E.
Certification and Regulatory Affairs
Authorized to compile the relevant technical documentation

Original Declaration

Misc. on the HOMELINE® system

Warranty

There is a 36 months' warranty on the HOMELINE products CBH Advanced Systems against manufacturing faults from the production date of the individual products (see label). LINAK A/S' warranty is only valid in so far as the equipment has been used and maintained correctly and has not been tampered with. Furthermore, the system must not be exposed to violent treatment. In the event of this, the warranty will be ineffective/invalid. For further details, please see LINAK A/S' ordinary conditions of sale.

Maintenance

Clean dust and dirt on the outside of the system at appropriate intervals and inspect for damage and breaks. Inspect the connections, cables, and plugs and check for correct functioning as well as fixing points.



The cleaners and disinfectants must not be highly alkaline or acidic (pH value 6-8).

ETL-marking

Due to space limitations, the complete ETL-marking demands are not represented on the marking plates.
The full ETL Recognized Component markings are shown here.



C/N 120690
Conforms to UL962
Cert. to CSA Std. C22.2 No. 68-09
ETL Recognized Component mark for Canada and United States



C/N 9901916
Conforms to UL962
Cert. to CSA Std. C22.2 No. 68-09
ETL Recognized Component mark for Canada and United States



C/N 4008003
Conforms to UL962
Cert. to CSA Std. C22.2 No. 68-09
ETL Recognized Component mark for Canada and United States



C/N 4008005
Conforms to UL962
Cert. to CSA Std. C22.2 No. 68-09
ETL Recognized Component mark for Canada and United States



C/N 4008671
Conforms to UL962
Cert. to CSA Std. C22.2 No. 68-09
ETL Recognized Component mark for Canada and United States



C/N 4009507
Conforms to UL962
Cert. to CSA Std. No. 68-09
ETL Recognized Component mark for Canada and United States

Description of the HOMELINE® CBH Advanced system

A typically CBH Advanced system consists of:

- CBH Advanced control box
- SMPS001, SMPS002 or SMPS006 power supply
- LA27 linear actuator
- HB20 or HC20 handset
- 2 Massage motors
- Lightplug

Mounting guidelines for the CBH

The control box is to be fastened with 2 screws with a head diameter between $\varnothing 8$ and $\varnothing 10$ mm. With regard to the surface pressure, $\varnothing 10$ mm is preferable. See drawing for placing of mounting holes and the space the CBH takes up.

The mounting surface to which the control box is attached should have a surface evenness better than ± 0.5 mm.

The mounting screws on the control box must be fastened with a max. torque of 1 Nm.

The CBH must not be packed in heat insulating material, but must be placed so that it can emit waste heat to the surroundings. There are no ventilation holes to consider, the CBH emits heat through its surface.

The electric connection:

The system is to be connected as follows:

- Each linear actuator must be connected to the socket on the control box by means of the motor cable, which has a 6-pin plug in each end.
- Connect any accessory
- Connect the SMPS unit to the CBH via a DC port and switch on the mains.
- Finally set up the wireless handset to the CBH, by pressing the small set-up button on the CBH, keeping it down while pressing a random button on the handset



Please note that the control box/SMPS must only be connected to the voltage stated on the labels.

The LA27 actuator is a powerful actuator designed for applications such as leisure beds.

Mechanical spline:

The splines function so that the actuator can only push, not pull. During pull in the actuator, the inner tube is lifted off the thread bush, and the actuator can therefore never pull a load, only push.

Functional test of mechanical splines:

When the piston rod is at the innermost position, it must be possible to pull it out manually to its full travel length and to press it in again without much resistance and without using the motor. If this is not possible, contact your nearest LINAK dealer.

Usage:

- Duty cycle: 2/18; 2 minutes continuous use followed by 18 minutes not in use
- Ambient temperature: +5°C to +40°C (the actuator must also be at this temp.)

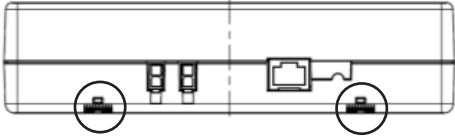


Warning!

- If the actuator does not work as described above, the risk of injury due to squeezing can arise. The actuator must therefore immediately be sent for service at the nearest, authorised LINAK workshop.
- Do only use the actuator within specified working limits.
- Do not sideload the actuator.

Cable relief:

The CBH features a cable relief option. By using these small holes on the CBH, you can tie the DC cables from the SMPS unit to the control box by use of standard cable ties. It is recommended to use the cable relief especially if the control box is exposed to movement.



The circles illustrate the small holes on the control box where a standard cable tie can be mounted and the DC cable from the SMPS/Handset cable can be fixed.



The extra cable tie length is just cut off when the cables have been fixed.

The CBH is a ZERO™ control box

A hallmark of the CBH ZERO platform is the very low power consumption in standby mode, saving energy and money. The low standby consumption is standard..



Disposal of LINAK's products

As LINAK's customers often ask us how our products can be disposed of or scrapped we have prepared this guidance that enables a classification to different waste fractions for recycling or combustion.

Guidance

We recommend that our products be disassembled as much as possible and divided into different waste groups for recycling or combustion.

For example, waste can be sorted into metals, plastics, cable scrap, combustible material and recoverable resources.

Some of these main groups can be further divided into subgroups; e.g. metal can be divided into steel/ aluminium/copper and plastic can be divided into ABS/PA/PE/PP.

As an example, the table below breaks down the different components in LINAK products to various recycling groups:

Product	Components	Recycling group
Column/ Actuator :	Spindle and motor Plastic housing Cable PC boards	Metal scrap Plastic recycling or combustion Cable scrap or combustion Electronics scrap
Control Box :	PC boards Plastic housing Cable Transformer	Electronics scrap Plastic recycling or combustion Cable scrap or combustion Metal scrap
Handset/Control :	Plastic housing Cable PC boards	Plastic recycling or combustion Cable scrap or combustion Electronics scrap

By now, almost all our casted plastic parts are supplied with an interior code for plastic types and fibre contents, if any.

Main groups of disposal

Product main groups	Metal Scrap	Cable scrap	Electronics scrap	Plastic recycling or combustion	Comments
LA27	X	X	X	X	
CBH1200B			X	X	
SMPS001, SMPS002, SMPS006			X	X	
HB20, HC20		X	X	X	

Disposal of batteries

"Details regarding safe disposal of used and leaking batteries:

Batteries should be disposed in accordance with appropriate federal, state and local regulations. LINAK recommends that used or leaking batteries are disposed through local recycling system. Please do not throw used or leaking batteries in normal household waste or in nature. This will cause damage to the enviroment.

How to deal with leaking batteries

Leaking batteries should be disposed as described above.

If leaking batteries are discovered in the product, the batteries must be removed at once to minimise damage to the product. If leaking batteries are left in the product, it become defective.

It is recommended to use plastic gloves when handling leaking batteries. The contents of a leaking batteries can cause chemical burns and respiratory irritation.

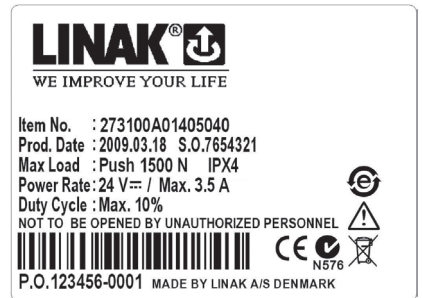
If exposed to the contents of a leaking battery, please wash with soap and water. If irritation persists, please seek medical attention. In case of eye contact, please flush eyes thoroughly with water for 15 minutes and seek medical attention."

Labels

Label for CBH Basic



Label for LA27



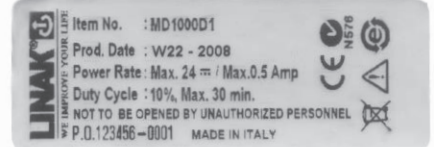
Label for HB22RF



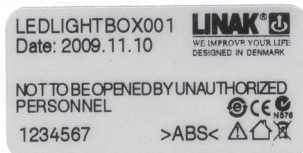
Label for HC20RF



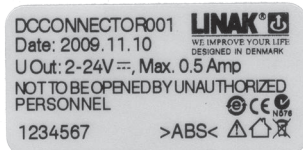
Label for Massage Motor



Label for LED Lightbox



Label for DC Connector



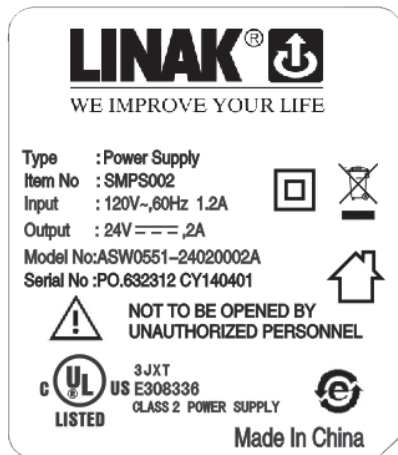
Label for USB Connector



Label for SMPS001



Label for SMPS002

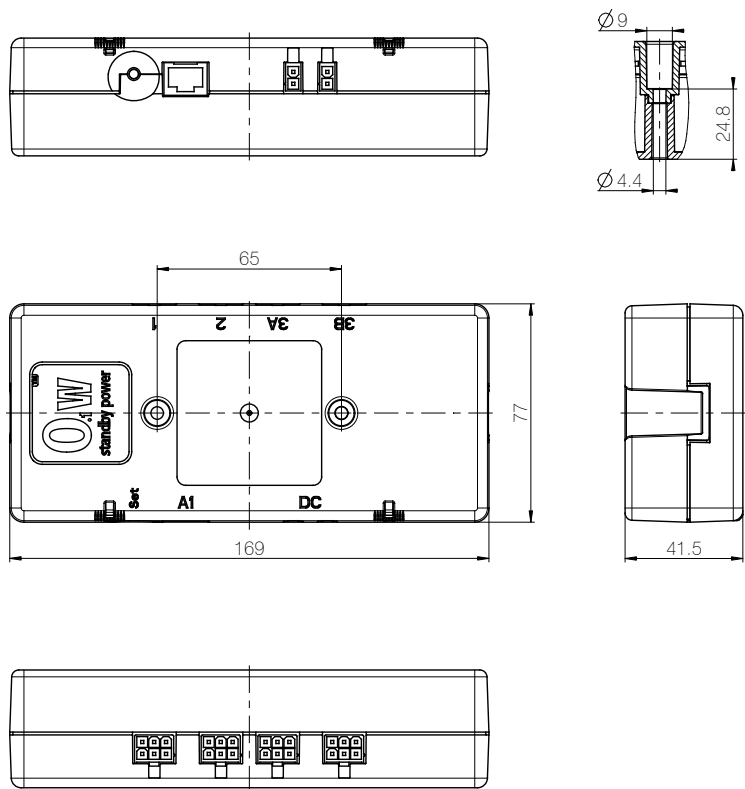


Label for SMPS006

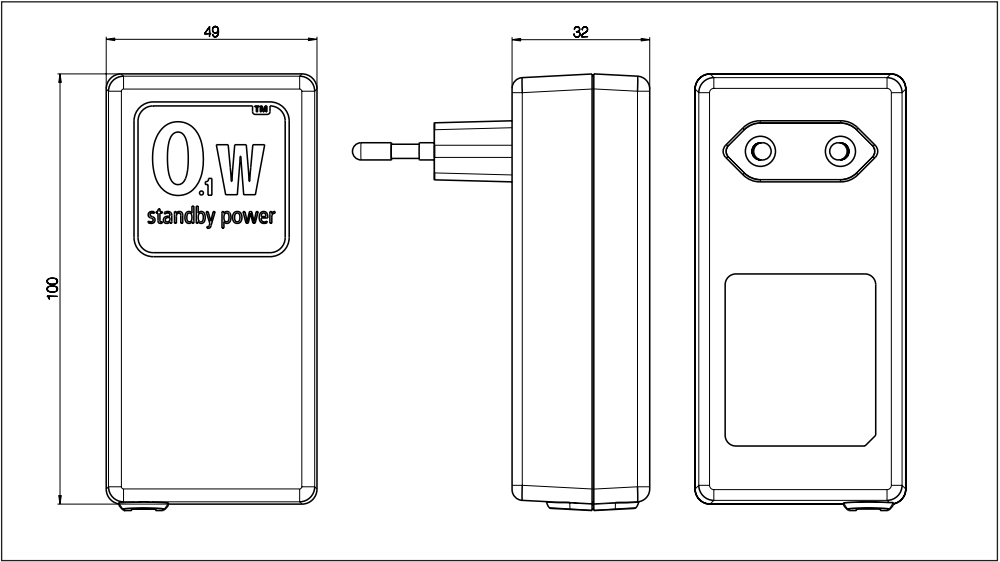


DRAWING APPENDIX

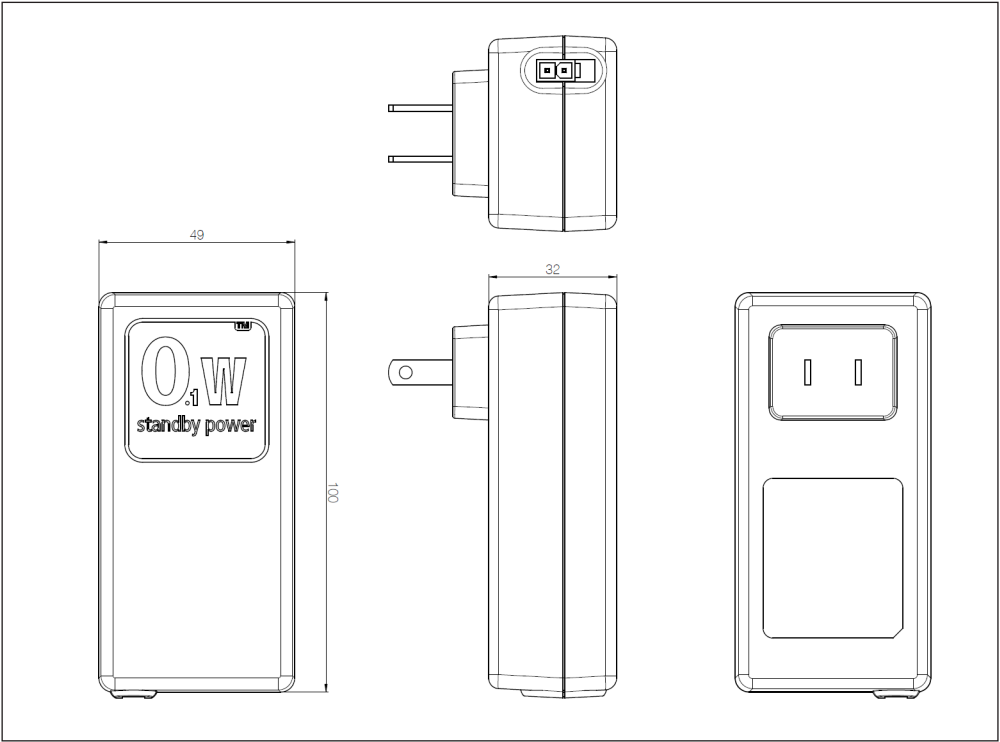
CBH Advanced

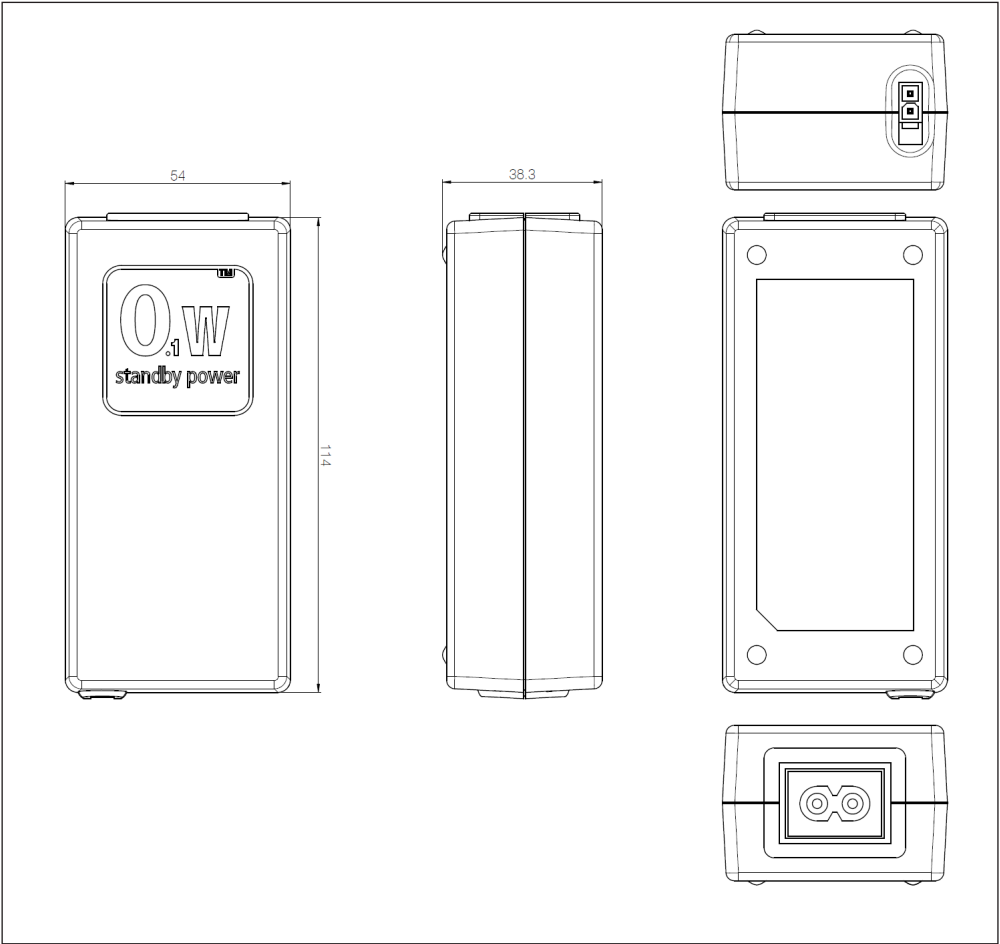


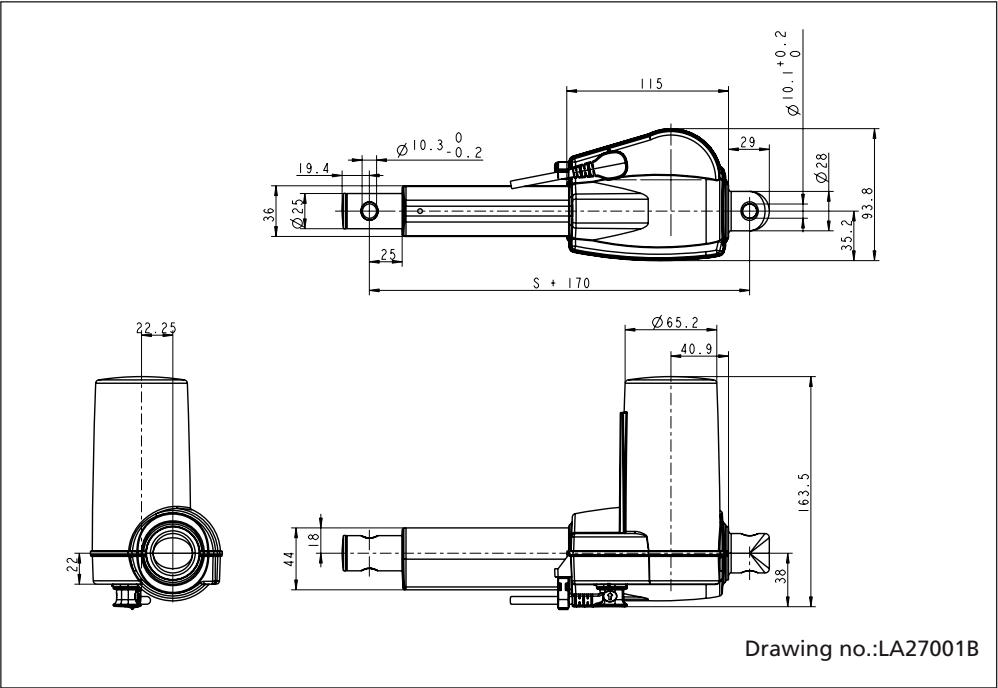
SMPS001



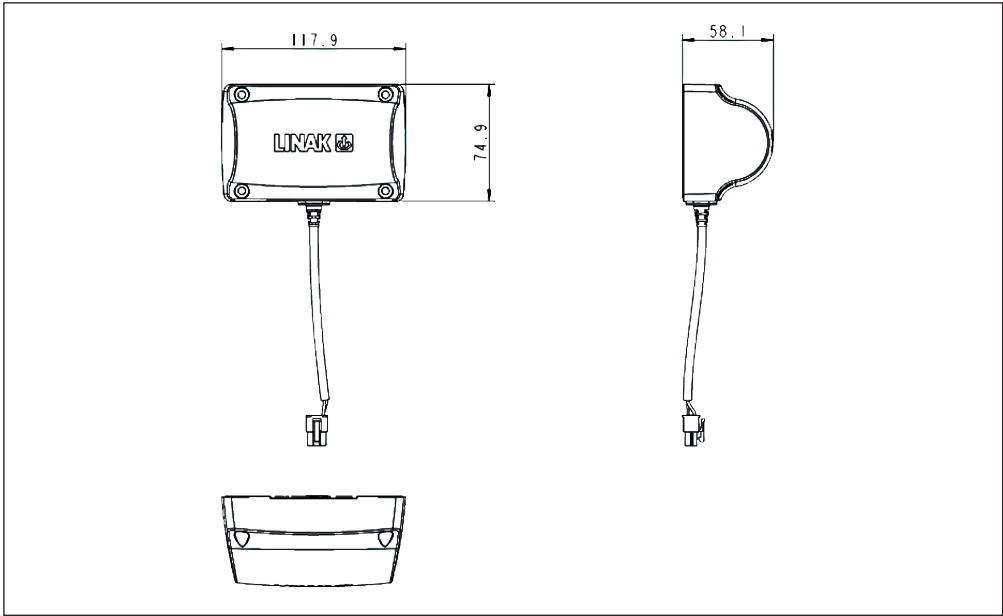
SMPS002



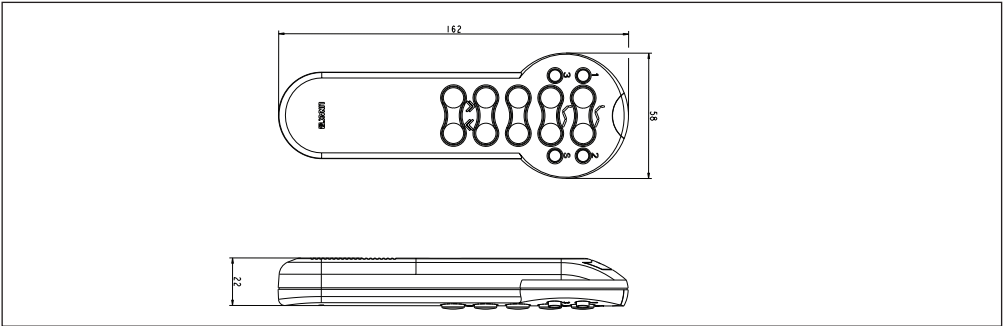




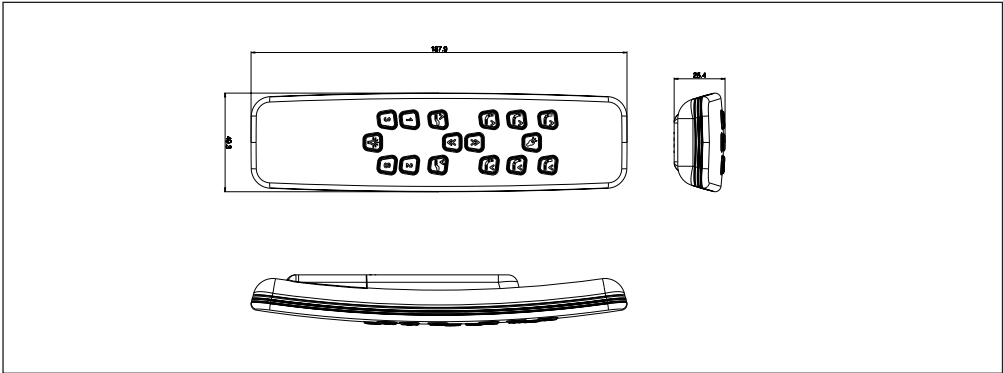
Massage motor MD1



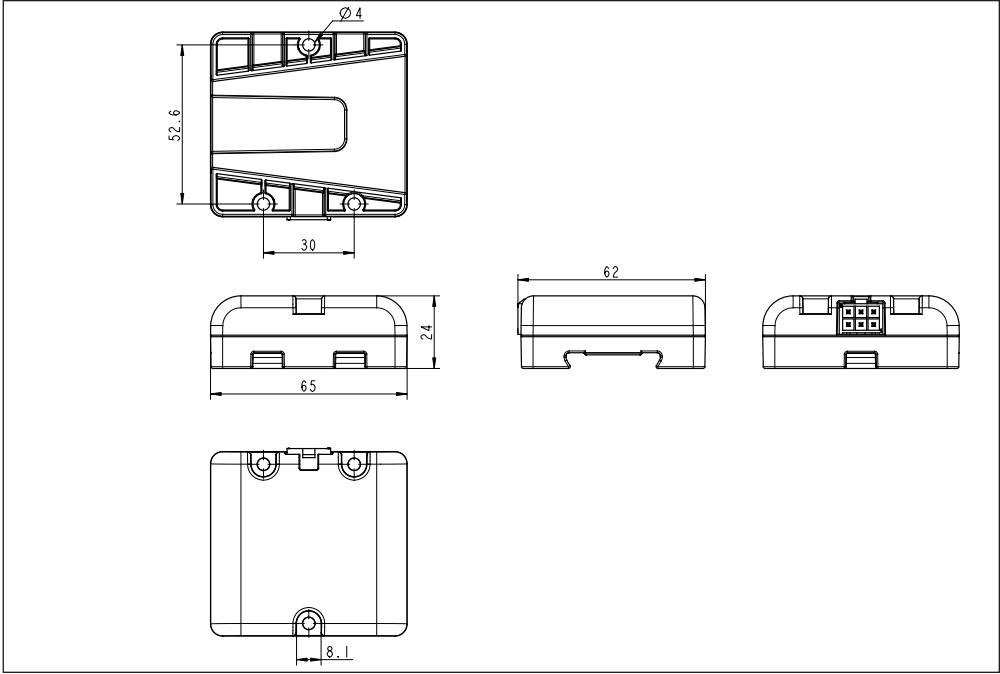
HB20RF Hand Control



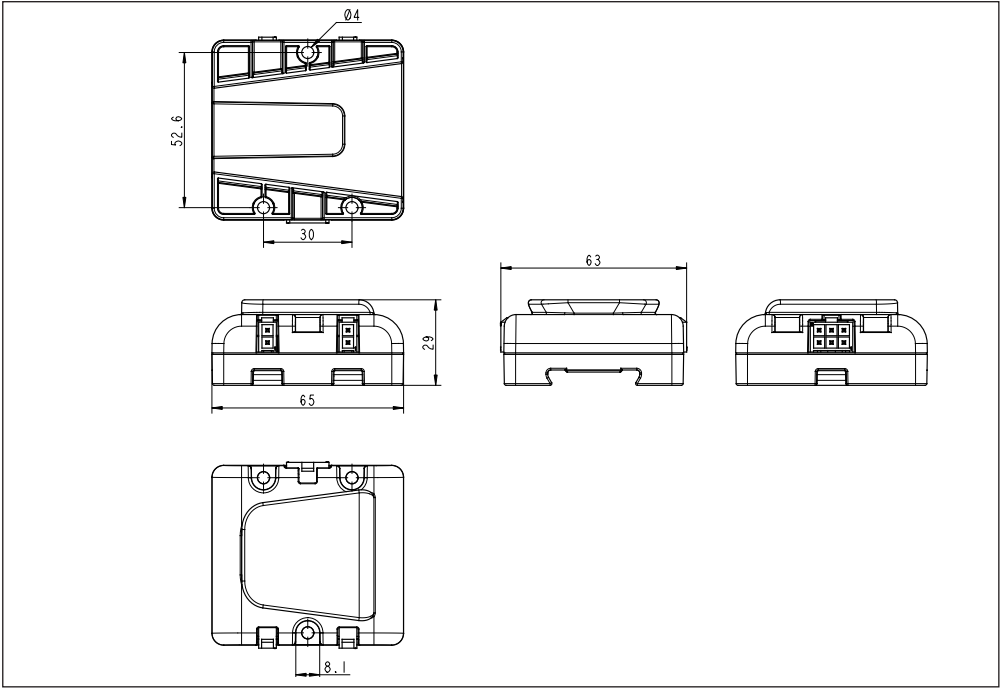
HC20RF Hand Control



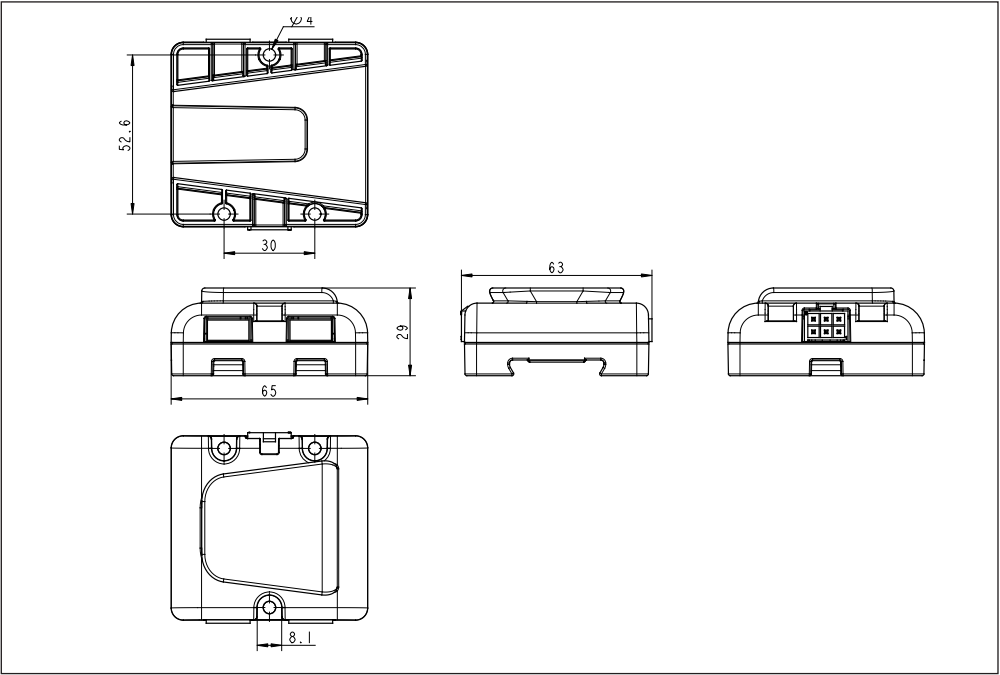
LED Lightbox



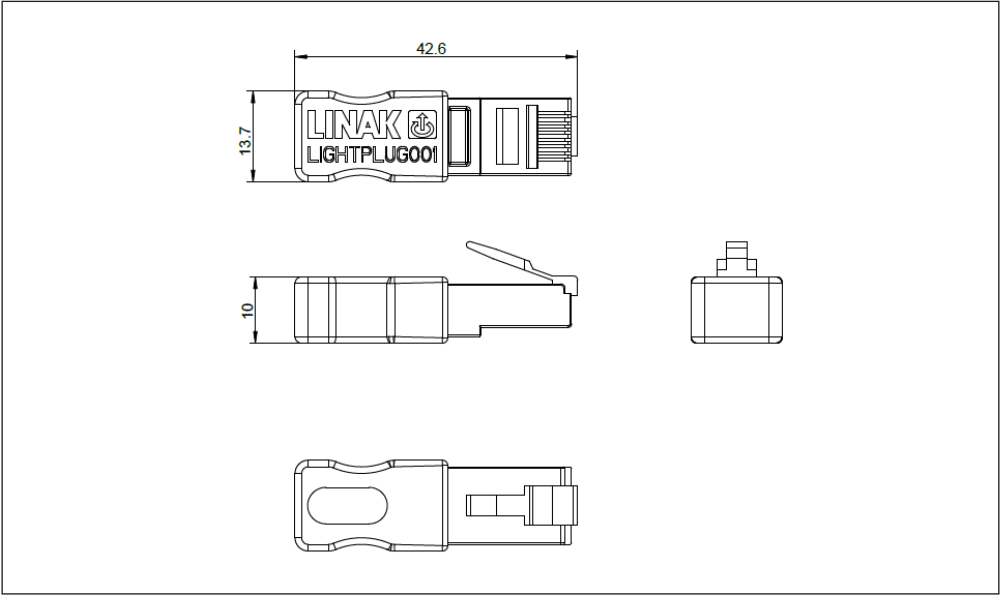
DC Connector

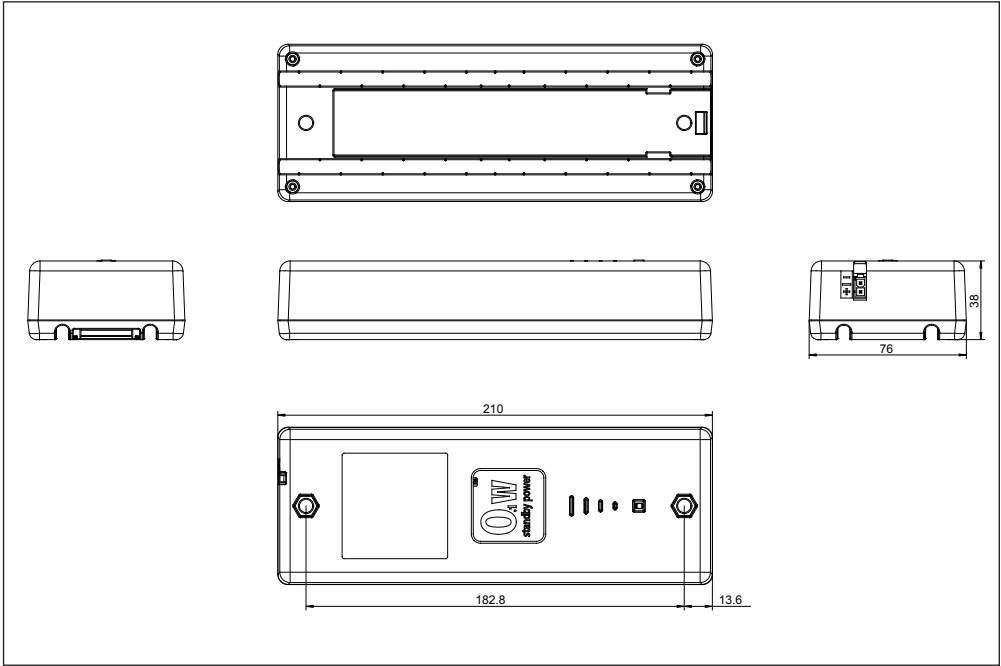


USB Connector



Lightplug





LINAK APPLICATION POLICY

The purpose of the application policy is to define areas of responsibilities in relation to applying a LINAK product defined as hardware, software, technical advice, etc. related to an existing or new customer application.

LINAK products as defined above are applicable for a wide range of applications within the Medical, Furniture, Desk and Industry areas. Yet, LINAK cannot know all the conditions under which LINAK products will be installed, used, and operated, as each individual application is unique.

The suitability and functionality of the LINAK product and its performance under varying conditions (application, vibration, load, humidity, temperature, frequency, etc.) can only be verified by testing, and shall ultimately be the responsibility of the LINAK customer using any LINAK product.

LINAK shall be responsible solely that the LINAK products comply with the specifications set out by LINAK and it shall be the responsibility of the LINAK customer to ensure that the specific LINAK product can be used for the application in question.

FACTORIES

CHINA

LINAK (Shenzhen) Actuator Systems, Ltd.
Phone: +86 755 8610 6656
Fax: +86 755 8610 6990
E-mail: sales@linak.cn
www.linak.cn

DENMARK

LINAK A/S - Group Headquarters, Guderup
Phone: +45 73 15 15 15
Fax: +45 74 15 80 48
Fax: +45 73 15 16 13 (Sales)
E-mail: info@linak.com
www.linak.com

SLOVAKIA

LINAK Slovakia s.r.o.
Phone: +421 51 75 63 414
Fax: +421 51 75 63 410
E-mail: jp@linak.sk
www.linak.com

USA

LINAK U.S. Inc.
North and South American Headquarters
Phone: +1 502 253 5595
Fax: +1 502 253 5596
E-mail: info@linak-us.com
www.linak-us.com

SUBSIDIARIES

AUSTRALIA

LINAK Australia Pty. Ltd
Phone: +61 3 8796 9777
Fax: +61 3 8796 9778
E-mail: sales@linak.com.au
www.linak.com.au

AUSTRIA

LINAK Repräsentanz Österreich (Wien)
Phone: +43 (1) 890 7446
Fax: +43 (1) 890 744615
E-mail: beinfo@linak.de
www.linak.at

BELGIUM & LUXEMBOURG

LINAK Actuators-Systems NV/SA
Phone: +32 (0)9 230 01 09
Fax: +32 (0)9 230 88 80
E-mail: beinfo@linak.be
www.linak.be

BRAZIL

LINAK Do Brasil Comércio De Atuadores Ltda.
Phone: +55 (11) 2832 - 7070
Fax: +55 (11) 2832 - 7070
E-mail: info@linak.com.br
www.linak.com.br

CANADA

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

CZECH REPUBLIC

LINAK C&S S.R.O.
Phone: +420581741814
Fax: +420581702452
E-mail: ponizil@linak.cz
www.linak.cz

DENMARK

LINAK Danmark A/S
Phone: +45 86 80 36 11
Fax: +45 86 82 90 51
E-mail: linak@linak.dk
www.linak.dk

FINLAND

LINAK OY
Phone: +358 10 841 8700
Fax: +358 10 841 8729
E-mail: linak@linak.fi
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
E-mail: linak@linak.fr
www.linak.fr

GERMANY

LINAK GmbH
Phone: +49 6043 9655 0
Fax: +49 6043 9655 60
E-mail: info@linak.de
www.linak.de

INDIA

LINAK A/S India Liaison Office
Phone: +91 120 4393335
Fax: +91 120 4273708
E-mail: info@linak.in
www.linak.in

IRELAND
LINAK UK Limited - Ireland
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
+44 (0)796 855 1606 (UK Mobile)
+35 387 634 6554 (Republic Of Ireland Mobile)
E-mail: sales@linak.co.uk
www.linak.co.uk

ITALY

LINAK Italia S.r.l.
Phone: +39 02 48 46 33 66
Fax: +39 02 48 46 82 52
E-mail: info@linak.it
www.linak.it

JAPAN

LINAK K.K.
Phone: 81-45-533-0802
Fax: 81-45-533-0803
E-mail: linak@linak.jp
www.linak.jp

MALAYSIA

LINAK Actuators Sdn. Bhd.
Phone: +60 4 210 6500
Fax: +60 4 226 8901
E-mail: info@linak-asia.com
www.linak.my

NETHERLANDS

LINAK Actuators-Systems B.V.
Phone: +31 76 5 42 44 10
Fax: +31 76 5 42 61 10
E-mail: info@linak.nl
www.linak.nl

NEW ZEALAND

LINAK New Zealand Ltd.
Phone: +64 9580 2071
Fax: +64 9580 2072
E-mail: nzsales@linak.com.au
www.linak.co.nz

NORWAY

LINAK Norge AS
Phone: +47 32 82 90 90
Fax: +47 32 82 90 98
E-mail: info@linak.no
www.linak.no

POLAND

LINAK Polska
Phone: +48 (22) 500 28 74
Fax: +48 (22) 500 28 75
E-mail: dkreh@linak.dk
www.linak.pl

REPUBLIC OF KOREA

LINAK Korea Ltd.
Phone: +82-(0)2-6231-1515
Fax: +82-(0)2-6231-1516
E-mail: scully@linak.kr
www.linak.kr

RUSSIAN FEDERATION

000 LINAK
Phone: +7 495 280 14 26
Fax: +7 495 687 14 26
E-mail: info@linak.ru
www.linak.ru

SPAIN

LINAK Actuadores, S.L.u
Phone: +34 93 588 27 77
Fax: +34 93 588 27 85
E-mail: esma@linak.es
www.linak.es

SWEDEN

LINAK Scandinavia AB
Phone: +46 8 732 20 00
Fax: +46 8 732 20 50
E-mail: info@linak.se
www.linak.se

SWITZERLAND

LINAK AG
Phone: +41 43 388 31 88
Fax: +41 43 388 31 87
E-mail: info@linak.ch
www.linak.ch

TAIWAN

LINAK A/S Taiwan Representative Office
Phone: +886 2 27290068
Fax: +886 2 27290096
Mobile: +886 989292100
E-mail: michael.chen@linak.com.tw
www.linak.com.tw

TURKEY

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

UNITED KINGDOM

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

DISTRIBUTORS

ARGENTINA

Novotec Argentina SRL
Phone: +[54] (11) 4303-8900/8989
Fax: +[54] (11) 4032-0184
E-mail: info@novotecargentina.com
www.novotecargentina.com

AUSTRALIA

Ballarat Industrial Supplies
www.ballind.com.au

BL Shipways & Co
www.blshipway.com.au

Gas Strut Marine and Industrial
www.gasstrutmarine.com.au

Prime Motion & Control
www.primehyd.com.au

West Vic Industrial Supplies
www.westvicindustrial.com.au

COLOMBIA

MEM Ltda
Phone: +[57] (1) 334-7666
Fax: +[57] (1) 282-1684
E-mail: servicioalcliente@memltda.com.co
www.memltda.com.co

INDONESIA

Pl. Himalaya Everest Jaya
Phone: +6 221 544 8956,
+6 221 544 8965
Fax: +6 221 619 4658,
+6 221 619 1925
E-mail: hejplastic-div@centrin.net.id
www.hej.co.id

IRAN

Bod Inc.
Phone: +98 2188998635-6
Fax: +98 2188954481
E-mail: info@bod.ir
www.bod.ir

RUSSIAN FEDERATION

000 FAM
Phone: +7 812 3319333
Fax: +7 812 3271454
E-mail: purchase@fam-drive.ru
www.fam-drive.ru

SINGAPORE

Servo Dynamics Pte. Ltd.
Phone: +65 6844 0288
Fax: +65 6844 0070
E-mail: servodynamics@servo.com.sg
www.servo.com.sg

SOUTH AFRICA

Industrial Specialised Applications CC
Phone: +27 11 312 2292 or
+27 11 207 7600 (Switch Board)
Fax: +27 11 315 6999
E-mail: gartht@isagroup.co.za
www.isaza.co.za

UNITED ARAB EMIRATES

Mechatronics
Phone: +971 4 267 4311
Fax: +971 4 267 4312
E-mail: mechtron@emirates.net.ae
www.mechatronics.ae

For contact details on other countries please
visit www.linak.com or contact:

LINAK INTERNATIONAL

Phone: +45 73 15 15 15
Fax: +45 74 15 80 10
Fax: +45 73 15 16 13 (Sales)
E-mail: info@linak.com
www.linak.com

Terms of use

The user is responsible for determining the suitability of LINAK products for specific application. LINAK takes great care in providing accurate and up-to-date information on its products. However, due to continuous development in order to improve its products, LINAK products are subject to frequent modifications and changes without prior notice. Therefore, LINAK cannot guarantee the correct and actual status of said information on its products. While LINAK uses its best efforts to fulfill orders, LINAK cannot, for the same reasons as mentioned above, guarantee the availability of any particular product. Therefore, LINAK reserves the right to discontinue the sale of any product displayed on its website or listed in its catalogues or other written material drawn up by LINAK. All sales are subject to the Standard Terms of Sale and Delivery for LINAK. For a copy hereof, please contact LINAK.



WE IMPROVE YOUR LIFE