

# My Recliner™ App **User Manual**



### **Contents**

Preface	<u> 3</u>
Safety information	4
Informations de sécurité	7
EU Declaration of Conformity	9
UK Declaration of Conformity	. 10
Introduction	. 11
How does the app look?	. 11
Downloading the app	. 12
Terms and Conditions	. 14
Onboarding flow	. 15
User interface	. 15
Control	. 16
Premium features	. 17
Favorite positions	. 18
Battery status	. 19
More	. 21
SEAL 3166 (connection status)	. 22 23
Subscription	. 23
Delete favorite positions	. 24
Automatic drive	. 25
Language	. 26
About	. 26
Customized app	. 27
Disposal of LINAK products	. 28
LINAK application policy	. 28

### Preface

Dear User,

We are delighted that you have chosen a product from LINAK<sup>®</sup>.

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 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 systems, 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.

Changes in installation and use of LINAK 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 of 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

### **Safety information**

Please read this safety information carefully:

Be aware of the following three symbols throughout the user manual:



### Warning!

Failing to follow these instructions can cause accidents resulting in serious personal injury.



### Recommendations

Failing to follow these instructions can result in the product suffering damage or being ruined.



### **Additional information**

Usage tips or additional information that is important in connection with the use of the product.

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.



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

## This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation

#### • Statement – for all intentional and unintentional radiators:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### • Statement for digital devices for Class B:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

- (1) l'appareil nedoit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

#### Labeling Requirements:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

#### **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.

### Informations de sécurité

Veuillez lire attentivement ces informations de sécurité :

Soyez conscient des trois symboles suivants tout au long du manuel d'utilisation :



### Attention!

Le non-respect de ces instructions peut provoquer des accidents entraînant des blessures graves.



### Recommandations

Le non-respect de ces instructions peut endommager ou endommager le produit.



### Informations complémentaires

Conseils d'utilisation ou informations supplémentaires importantes en relation avec l'utilisation du produit.

Le non respect de ces instructions peut entraîner des accidents impliquant des blessures graves.

Ne pas suivre ces instructions peut entraîner l'endommagement ou destruction du produit.

L'utilisation en toute sécurité du système n'est possible que si l'intégralité des instructions ont été lues et ont été strictement suivies.



Le non respect de se conformer aux instructions marquées du symbole "note" peut entraîner de graves dommages au système ou à un de ses composants.

Il est important pour tout individu qui connecte, installe, ou utilise le système d'avoir les informations nécessaires et l'accès à ce mannuel d'utilisation.

Suivez les instructions pour le montage – risque de blessure si ces instructions ne sont pas suivies.



L'appareil n'est pas destiné à être utilisé par des enfants ou des personnes handicapées sans surveillance.



S'il y a des dommages visibles sur le produit, l'installation ne doit pas être effectuée.

Prendre en compte lors de la construction du matériel, dans lequel l'actionneur est incorporé, qu'il ne doit y avoir aucune possibilité de blessures corporelles, telles que la compression des doigts ou des bras.



Assurez un espace libre autours du materiel pour éviter tout blocage.

#### Seulement pour les marchés au sein de l'UE:



Cet appareil peut-être utilisé par des enfants âgés de 8 ans et plus, ainsi que les personnes dont les capacités physiques, sensorielles ou mentales sont réduites ou ayant un manque d'expérience et de connaissance si elles ont bénéficié d'une surveillance ou d'instructions concernant l'utilisation de l'appareil en toute sécurité et compris les risques encourus.



<u>/</u>]`

Les enfants ne doivent pas jouer avec l'appareil. Le nettoyage et l'entretien ne doivent pas être rèalisés par des enfants sans surveillance.

#### Seulement pour les marchés hors UE:

Les personnes qui n'ont pas l'expérience ou les connaissances nécessaires sur le ou les produit(s) ne doivent pas le ou les utiliser. Par ailleurs, les personnes ayant des capacités physiques, sensorielles ou mentales réduites ne doivent pas utiliser le ou les produit(s), sauf si elles sont sous surveillance ou ont suivi une formation approfondie de l'utilisation de l'appareil par l'individu responsable de la securité de ces personnes.



#### **Utilisation abusive:**

Ne surchargez pas les actionneurs – cela peut engendrer un risque de blessures corporelles et endommager le système.



Ne pas utiliser les actionneurs pour soulever des personnes. Ne pas s'asseoir ou se tenir debout sur une table en fonctionnement – risque de blessures.



Ne pas utiliser le système dans dans des environnements autres que l'utilisation intérieure prévue.

### **EU Declaration of Conformity**

CE



### EC DECLARATION OF CONFORMITY

LINAK A/S Smedevænget 8 DK - 6430 Nordborg

hereby declares under our sole responsibility that LINAK Actuator System (LA10) for use in adjustable recliner chairs for the purpose of raising and lowering the back and foot sections:

#### With

#### linear Actuator(s):

item number: 10aaabbb0000000-cccde0ffgghij, Where - aaa can be 040 or 060; bbb can be between 25 and 150; ccc can be between 153 and 278; d can be 1, 2, 3 or 4; e can be 1, 2, 3 or X; f can be 0 or 1; gg can be any character; h can be 0 or 1; i can be any character and j can be 0 or 1.

And options of

Charging point: CP002-0500, CP003-0500 or CP100-0500

Power unit: SMPS001 or SMPS006

Accessories: BLE2DC001

Handsets: BP10BL, HC05BL, HC10BL, HC1ABL, HC40BL

complies with the Radio Equipment Directive 2014/53/EU according to the standard:

Art. 3.1(b) EMC: ETSI EN 303 446-2 V1.2.1 (2019-10), ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4

Art.3.1 (a) Safety: EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019

Art.3.1 (a) Health: EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019, EN 62479:2010; EN 62233:2008+AC:2008

Art. 3.2 Radio: ETSI EN 300 328 V2.2.2

In addition the power units complies with Low Voltage Directive 2006/95/EC according to the standards: EN 61558-2-16:2009 (external power supplies)

Complies with RoHS2 Directive **2011/65/EU** and RoHS3 Directive **2015/863** (amending Annex II to Directive 2011/65/EU) according to the standard: EN IEC 63000:2018

Nordborg, 2022-01-21

LINAK A/S Dragan Macura Regulatory Compliance Manager Deskline and Homeline Segments Authorized to compile the relevant technical documentation **Original Declaration** 

### **UK Declaration of Conformity**

# UK CA



### **UK DECLARATION OF CONFORMITY**

LINAK A/S Smedevænget 8 DK - 6430 Nordborg

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And options of

Charging point: CP002-0500, CP003-0500 or CP100-0500

Power unit: SMPS001 or SMPS006

Accessories: BLE2DC001

Handsets: BP10BL, HC05BL, HC10BL, HC1ABL, HC40BL

complies with the Radio Equipment Regulations 2017 according to the standard:

EMC: ETSI EN 303 446-2 V1.2.1 (2019-10), ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4

Safety: BS EN 60335-1:2012+A15:2021

Health: BS EN 62479:2010

Radio: ETSI EN 300 328 V2.2.2

In addition the power units complies with Low Voltage Directive 2006/95/EC according to the standards: EN 61558-2-16:2009 (external power supplies)

Complies with The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 according to the standard: BS EN IEC 63000:2018

Nordborg, 2022-01-24

LINAK A/S Dragan Macura Regulatory Compliance Manager 11 Deskline and Homeline Segments Authorized to compile the relevant technical documentation

Original Declaration



### Introduction

The My Recliner<sup>™</sup> App is developed for users of recliner systems. The app adds value to the recliner system, for example by indicating the recliner battery level and reducing the complexity in handsets.

The My Recliner<sup>™</sup> App provides the user with an intuitive and user-friendly interface for controlling and adjusting the recliner system.

With the app, the user can adjust the recliner or, with the additional premium features unlocked, enjoy more features and personalize recliner functionalities.

The app is available for two different platforms: iOS for iPhones, and Android for Android smartphones. The My Recliner<sup>™</sup> App comes in multiple languages, which can be selected in the app.

### How does the app look?





HOMELINE

### Downloading the app

The app is connected to the recliner via Bluetooth® wireless technology integrated in the BLE2DC Bluetooth® dongle or in the BA002 battery box.

The app is called "My Recliner" and it has the following app logo in Apple App Store and Google Play Store:



#### How to download the App for iOS:

- 1. Use your Apple device to log into App store
- 2. Type "My Recliner" in the search column
- 3. Select the "My Recliner" app
- 4. Tap install to download the app to your device

#### How to download the App for Android:

- 1. Use your Android device to log into Google Play Store
- 2. Type "My Recliner" in the search column
- 3. Select the "My Recliner" app
- 4. tap install to download the app to your device

You can also scan these QR codes to reach the app stores.



iOS App Store



Android store

#### Getting started

When you open the app, a list of options available in the app is displayed. If you swipe to the left on your smart device, a list of benefits of a recliner displays.



Press 'NEXT' to start the onboarding flow.

#### For Android only:

Enable GPS location to allow the app to search for recliners. If not done, the app will not be able to detect recliners nearby in pairing mode and thus not work.



### **Terms and Conditions**

Before you can start using the app, you need to agree to the Terms and Conditions for use of the app. Press "Read the full terms and conditions here" to read the terms before pressing 'I AGREE'.



### **Onboarding flow**



Ensure that only one recliner at a time is in pairing mode.

- 1. Open the app.
- 2. Unplug the power cord of the recliner you want to pair with the app and wait for 60 seconds.
- 3. Connect the recliner to power. The recliner will be in pairing mode for three minutes.

If the recliner system features a Battery Box BA002, the system will provide feedback as follows: When the recliner is ready for pairing, the battery buzzes once. When the recliner is paired to the app, the battery buzzes once again.

The app automatically starts searching for recliners nearby in pairing mode and connects to the recliner found. When connected, the app displays the ID of the recliner. All recliners have IDs named 'SEAT' followed by a four-digit number. 'SEAT 3166' is used as an example in this document.



Press 'NEXT' to exit the onboarding flow.

If you want to use a connected hand control, fully close the recliner app and wait 10 seconds before attempting to use the hand control.

### **User interface**

The My Recliner<sup>™</sup> App has two different pages to navigate between: 'Control' and 'More'.

Control Enters the control screen for adjusting the recliner

••• Enters the settings screen for adjustment of various app settings More

### Control

When the app is paired to your recliner, you will see the main page, 'Control'. Once the pairing is done, 'Control' is the page you see when you open the app.

The control menu indicates the type of chair the app is paired to, depending on available features such as battery status or integrated 'Home' position.



#### \*: Premium features unlocked.

The recliner supports up to three motors enabling adjustment of the following parts of the recliner. Adjust the recliner part, by pressing one of the associated arrows.



### **Premium features**

If you want to use the My Recliner<sup>™</sup> App for more than just adjusting the individual parts of the recliner, you can subscribe to additional premium features within the My Recliner<sup>™</sup> App.





Premium features locked

With the additional premium features you can:

- Set up to four \* favorite positions to easily adjust your recliner to your preferred positions by just pressing one button
- See the battery status of the recliner
- See if the battery is being charged
- Enable the automatic drive function (which allows you to adjust the recliner to a favorite position by tapping the button once)



\*: If the recliner has integrated home position, only three additional favorite positions can be set.

#### **Favorite positions**

This feature allows you to save a favorite position for TV, Read, Relax or Nap. With the favorite positions set, you can adjust your recliner to your personal preferences by simply pressing a button until the recliner has reached the position and stops moving.

Favorite positions can only be set for the recliner system with which the My Recliner™ App is saired first.

#### Setting a favorite position

- 1. Adjust the recliner to a preferred position.
- 2. Press one of the star buttons.
- 3. Select an icon/name for the favorite position and press 'SAVE'.



The icon/name and the position will be saved and the chosen button shows on the control page.

To adjust the recliner to a favorite position, simply press the button. During adjustment of the recliner, the icon will indicate adjustment.



#### **Battery status**

If the recliner is equipped with a battery, the battery status is shown in percentage charged in the bar below the favorite position icons.

If the battery is being charged, the battery icon has a lightning symbol added to it.



Indication of battery status

Indication of battery status and charging

Tap on the battery status bar to see further details (battery status, charging, or connected to power).



Battery status

Battery charging

Battery connected to power - not charging

The app shows a short description explaining the battery status as well as an emoji indicating the need for charging. Both the description and the emoji changes depending on the charging level.

Charging level	Explanation	Emoji
100% to 75%	All energized and ready to move your chair	$\frown$
74 % to 50%	Let's keep moving	$(\mathfrak{C})$
49% to 30%	Still going strong!	
29% to 16%	Consider charging me soon	
15% to 10%	Battery level is low	
9% to 5%	Time to charge the battery	
4% to 0%	Charge the battery now	$\bigcirc$

When the recliner is being adjusted at a battery status below 15% charged, the battery plays an audio alarm to indicate that charging is required each time the recliner is adjusted. The alarm intensifies with decreasing battery capacity, and buzzes as follows:

- below 15%: 2 buzzes
- below 10%: 3 buzzes
- below 5%: 5 buzzes

### More

Press "More" to get access to a list of setting options and information arranged in three groups:

- SEAT 3166 (connection status)
- Settings
- About

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### SEAT 3166 (connection status)

Here you can check the pairing status of the app, remove pairing, and pair to another recliner. The pairing status can be either 'Connected' or 'Not connected'.



Connected



Not connected

You can pair the app to another recliner.

- 1. Tap on 'CONNECT TO A NEW SEAT'.
- 2. If already connected, tap 'YES' to confirm that you want to disconnect from the first recliner.
- 3. Unplug the power cable and wait for 60 seconds.
- 4. Plug the power cord in. The recliner is now in pairing mode for 3 minutes and the app connects to the new recliner.



### Settings

In the 'Settings' menu you can get access to the following:



- Premium Features
  - subscribe to the premium features
  - see your subscription status
  - learn about the advantages of subscribing to the premium features
- Delete favorite positions \*
  - remove positions in order to set new ones
- Auto drive \*
  - read terms of use for using automatic drive
  - enable the feature
- Language
  - change the app language
- \*: Only available if you subscribe to the premium features

### Subscription

You can subscribe (monthly or yearly payment) \* to additional premium features via a 7-day free trial.



\*: If you want to change your subscription, please follow the instructions in <u>Apple App store</u> or in <u>Google Play store</u>. Your app settings will remain if you change your subscription plan.

#### **Delete favorite positions**

In this section you can delete favorite positions.

- 1. Tap 'Delete Favorite Positions' to enter the favorite positions overview.
- 1. Tap to highlight the favorite position you want to delete.
- 2. Tap 'DELETE'.
- 3. Tap 'YES' to confirm.

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<b>〈</b> Delete favorite position	C Delete favorite position	C Delete favorite position	C Delete favorite position
Delete a favorite position, by selecting on of your favorites on the list. To save a new position, go to the control page to adjust the recliner and save the new position.	Delete a favorite position, by selecting on of your favorites on the list. To save a new position, go to the control page to adjust the recliner and save the new position.	Delete a favorite position, by selecting on of your favorites on the list. To save a new position, go to the control page to adjust the recliner and save the new position.	Delete a favorite position, by selecting on of your favorites on the list. To save a new position, go to the control page to adjust the recliner and save the new position.
Read	Read	Read	Read
<b>D TV</b>	□ ™	Are you sure that you want to delete the favorite position?	Not set
ç Relax	چ Relax	CANCEL YES	ç Relax
☆ Not set	Not set	C Not set	Not set
	DELETE	DELETE	DELETE

The selected favorite position is now deleted and another can be set, see <u>Favorite positions</u>.

#### **Automatic drive**

With the favorite positions enabled, you can enable the automatic drive function in the 'More' menu. When 'Automatic drive' is enabled, the recliner can be adjusted to a favorite position with just one press on the icon instead of keeping pressing the up or down arrow until the recliner reaches the desired position.

To enable automatic drive, you must accept the terms of use for the functionality. By accepting the terms you take responsibility for yourself and your surroundings and agree that you are aware of the danger that can occur.

Automatic drive will run the actuators with simultaneous drive determined by the LA10 system.

- 1. Go to the 'More' menu and press 'Auto drive'.
- 2. Press/swipe 'Enable automatic drive'.
- 3. Read the terms and press ' I ACCEPT'.



Automatic drive is now enabled.

#### Language

The app is available in 8 languages. In the menu you can change the language by selecting another from the list. The selected language is marked with a check mark and changed immediately.

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Korean		
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German		
Norwegian		

#### About

In the about section you can access the app terms of use and the privacy policy, and, from the 'About' page, you can access to product information on the LINAK website as well as links to support information for recliner systems.



### **Customized app**

With a customized app, the LA10 actuators have a programmed customer ID. This ensures that end users are able to use only the customized app with the LA10 system, and not the generic LINAK A/S My Recliner™ App.

The LINAK<sup>®</sup> My Recliner<sup>™</sup> App can be customized with customer logo, colors and links.

Customers can choose if their customized app should:

- Support automatic drive
- Show battery status
- Use favorite positions
- Make use of a paywall (have in-app purchase as an option)

### **Disposal of LINAK products**

As LINAK 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
Handset/Control:	Plastic housing Cable PCB board	Plastic recycling or combustion Cable scrap or combustion Electronics scrap

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

### 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 DENMARK - HEADQUARTERS LINAK A/S PHONE: +45 73 15 15 15 +45 73 15 15 15 +45 74 45 80 48 +45 73 15 16 13 FAX: FAX (SALES): WWW.LINAK.COM

CHINA LINAK (SHENZHEN) ACTUATOR SYSTEMS, LTD, PHONE: +86 755 8610 6656 +86 755 8610 6990 PHONE: WWW.LINAK.CN

SLOVAKIA рноле: +421 51 7563 444 WWW.LINAK.SK

THAILAND LINAK APAC LTD. +66 33 265 400 PHONE: WWW.LINAK.COM

USA LINAK U.S. INC. AMERICAS HACOUARTERS 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 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: info@linak.de www.linak.at - www.linak.hu Belaium LINAK Actuator-Systems NV/SA (Belgium & Luxembourg) +32 (0)9 230 01 09 E-mail: beinfo@linak.be www.linak.be - www.fr.linak.be Brazil 
 LINAK Do Brasil Comércio De Atuadores Ltda.

 Phone:
 +55 (11) 2832 7070

 Fax:
 +55 (11) 2832 7060
E-mail: info@linak.com.br www.linak.com.br Canada LINAK Canada Inc. Phone: +1 502 253 5595 ---- +1 416 255 7720 Canada www.linak-us.com Czech Republic Czech Republic LINAK C&S s.r.o. Phone: +42 058 174 1814 cav: +42 058 170 2452 www.linak.cz - www.linak.sk Denmark - International LINAK International Phone: +45 73 15 15 15 E-mail: info@linak.com www.linak.com Denmark - Sales LINAK DANMARK A/S Phone: +45 86 80 36 11 Fax: +45 86 82 90 51 E-mail: linak@linak-silkeborg.dk www.linak.dk Finland LINAK OY Phone: +358 E-mail: linak@linak.fi +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 E-mail: linak@linak.fr www.linak.fr Germany LINAK GmbH +49 6043 9655 0 +49 6043 9655 60 Phone: Fax: E-mail: info@linak.de www.linak.de India LINAK A/S India Liaison Office Phone: +91 120 4531797 Fax: +91 120 4786428 E-mail: info@linak.in www.linak.in Ireland LINAK UK Limited (Ireland) Phone: +44 (0)121 544 2211 +44 (0)121 544 2552 +44 (0)796 855 1606 (UK Mobile) Fax: +35 387 634 6554 (Republic of Ireland Mobile) E-mail: sales@linak.co.uk www.linak.co.uk Italy LINAK ITALIA S.r.I. Phone: +39 02 48 46 33 66 Fax: +39 02 48 46 82 52 E-mail: info@linak.it www.linak.it lanan LINAK K.K. Phone: 81-45-533-0802 81-45-533-0803 Fax: E-mail: linak@linak.jp

Malavsia LINAK Actuators Sdn. Bhd. +60 4 210 6500 +60 4 226 8901 Phone: Fax: E-mail: info@linak-asia.com www.linak.my Netherlands LINAK Actuator-Systems B.V. Phone: +31 76 5 42 44 40 / +31 76 200 11 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.com.au Norway LINAK Norge AS +47 32 82 90 90 E-mail: info@linak.no www.linak.no Poland LINAK Polska LINAK Danmark A/S (Spólka Akcyjna) Phone: +48 22 295 09 70 / +48 22 295 09 71 E-mail: info@linak.pl www.linak.pl 
 Republic of NUTER

 LINAK Korea Ltd.

 Phone:
 +82 2 6231 1515

 +82 2 6231 1516
Republic of Korea E-mail: info@linak.kr www.linak.kr Slovakia LINAK SLOVAKIA S.R.O. +421 51 7563 444 Phone: www.linak.sk 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 +41 43 388 31 88 Phone: +41 43 388 31 87 Fax: E-mail: info@linak.ch 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
E-mail: sales@linak.com.tw www.linak.com.tw Turkev LINAK İth. İhr. San. ve Tic. A.Ş. Phone: + 90 312 4726338 Fax: + 90 312 472635 E-mail: info@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 011-4303-8989 / 8900 Phone: 011-4032-0184 Fax: E-mail: info@novotecargentina.com www.novotecargentina.com Colombia MEM Ltda Phone: +[57] (1) 334-7666 +[57] (1) 282-1684 Fax: E-mail: servicioalcliente@memltda.com.co www.mem.net.co India Mechatronics Control Equipments India Pvt Ltd +91-44-28558484, 85 Phone: E-mail: bala@mechatronicscontrol.com www.mechatronicscontrol.com Indonesia PT. HIMALAYA EVEREST JAYA +6 221 544 8956, +6 221 544 8965 Phone: +6 221 619 1925 Fax (Sales): +6 221 619 4658 E-mail: hejplastic-div@centrin.net.id www.hej.co.id Israel NetivTech LTD Phone: +972 55-2266-535 +972 2-9900-560 Fax: Email: info@NetivTech.com www.netivtech.com Singapore Servo Dynamics Pte Ltd Phone: +65 6844 0288 +65 6844 0070 Fax: E-mail: servodynamics@servo.com.sg South Africa Industrial Specialised Applications CC +27 011 466 0346 Phone: E-mail: gartht@isagroup.co.za www.isaza.co.za United Arab Emirates Mechatronics Phone: +971 4 267 4311 +971 4 267 4312 Fax: E-mail: mechtron@emirates.net.ae

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