

HC10

User Manual



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Preface

Dear User,

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

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

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

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

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

LINAK subsidiaries and some distributors situated all over the world have authorised service centres, which are always ready to help you. Locate your local contact information on the back page.

LINAK provides a warranty on all products (see [Warranty](#)).

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 systems can affect their operation and durability. The products may only be opened by authorised personnel.

This User Manual has been written based on the present technical knowledge. LINAK reserves the right to carry out technical modifications and keeps the associated information updated.

LINAK A/S

This User Manual is valid for the following product:

Control: HC10 series

Important safety information

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

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

Read all instructions before using this product.

Important safety information on LINAK® products can be found under the following heading(s):



DANGER

Failure to comply with these instructions will result in severe personal injury.



WARNING

Failure to comply with these instructions may result in severe personal injury.



CAUTION

Failure to comply with these instructions can result in minor personal injury.



NOTICE

Failure to comply with these instructions can result in property damage.

READ AND SAVE THESE INSTRUCTIONS

General safety instructions

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 squeezing of fingers or arms.



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!

**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.

Labeling Requirements:

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



WARNING

- This appliance can be used by children aged from 8 years, and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, if they have been 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 US and Canadian 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 stand on the application during operation – risk of personal injury.



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

Informations importantes en matière de sécurité

Une utilisation sûre du système n'est possible que lorsque ce document est lu dans son intégralité et que les instructions qu'il contient sont strictement respectées.

Le non-respect des instructions marquées du symbole "AVIS" peut entraîner de graves dommages au système ou à l'un de ses composants.

Lisez toutes les instructions avant d'utiliser ce produit.

Des informations de sécurité importantes sur les produits LINAK® sont disponibles dans la ou les rubriques suivantes :



DANGER

Le non-respect de ces instructions entraînera des blessures graves.



AVERTISSEMENT

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



ATTENTION

Le non-respect de ces instructions peut entraîner des blessures corporelles légères.



AVIS

Le non-respect de ces instructions peut entraîner des dommages matériels.

LIRE ET CONSERVER CES INSTRUCTIONS

Consignes générales de sécurité

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 manuel 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 autour du matériel pour éviter tout blocage.



L'application ne doit être utilisée qu'avec le module d'alimentation secteur fourni.

Sujet de sécurité



Le constructeur de l'équipement doit s'assurer que l'utilisation du composant conforme aux normes en vigueur, comme la Directive Machines. Les soins doivent être prises pour éviter de pincer les câbles car cela pourrait entraîner des mouvements du système!

Cet appareil est pleinement conforme à la section 15 des réglementations FCC.

Le fonctionnement est sujet aux deux conditions suivantes:

- (1) Cet appareil ne doit pas causer d'interférences dangereuses, et**
- (2) cet appareil doit supporter les interférences, y compris celles pouvant provoquer un fonctionnement non désiré**

- **Déclaration - concernant les sources d'émissions électromagnétiques:**

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler le droit de l'utilisateur à faire fonctionner l'équipement.

- **Déclaration pour les équipements numériques de Classe B:**

NOTE: Cet équipement a été testé et jugé conforme aux normes pour un appareil électronique de classe B, conformément à la partie 15 du règlement de la FCC. Ces normes sont établies pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre des fréquences radio et, s'il n'est pas installé et utilisé conformément aux instructions, il peut causer des interférences nuisibles aux communications radio. Cependant, nous ne pouvons pas garantir l'absence d'interférences dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception d'un poste radio ou d'un téléviseur, ce qui peut être déterminé en mettant l'équipement hors et sous tension, l'utilisateur doit essayer de corriger l'interférence par une ou plusieurs des mesures suivantes:

- Réorientez ou déplacez l'antenne de réception.
- Augmentez la séparation entre l'équipement et le récepteur.
- Connectez l'équipement sur un circuit différent de celui utilisé par le récepteur.
- Faites appel à un revendeur ou un technicien Radio/TV expérimenté.

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 nedit 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.

Etiquetage obligatoire

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



AVERTISSEMENT

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

Seulement pour les marchés américains et canadiens

- 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 sécurité de ces personnes.
- De plus, les enfants doivent-être sous surveillance afin de s'assurer qu'ils ne jouent pas avec le produit.

Utilisation abusive



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



Ne pas se tenir debout sur l'application en fonctionnement – risque de blessures.



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

Battery safety information for end users

For UL 4200A compliance

Requirements for end-user warnings and information:

Compliance with UL 4200A extends beyond initial steps and involves providing necessary warnings and information directly to the end user. You can fulfil these requirements through distinct warnings on the product packaging, as well as detailed information within the instruction and user manuals.

The following are suggested ways to communicate these precautions effectively.



The guidelines provided herein represent one method to adhere to the standards of UL 4200A. However, there are other ways to ensure compliance with UL 4200A regulations. We encourage you to consult with your preferred testing laboratory to gain a comprehensive understanding of the UL 4200A requirements and to explore the various ways to meet these standards.

Information on the packaging:

Use one of the two graphics below together with the stated text in English. Add the French version for deliveries to Canada.

 WARNING	
	• INGESTION HAZARD: This product contains a button cell or coin battery. • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH OF CHILDREN. • Seek immediate medical attention if a battery is suspected to be swallowed or inserted in any part of the body.

 WARNING	
	• INGESTION HAZARD: This product contains a button cell or coin battery. • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH OF CHILDREN. • Seek immediate medical attention if a battery is suspected to be swallowed or inserted in any part of the body.

 AVERTISSEMENT	
	• RISQUE D'INGESTION : Ce produit contient une pile bouton ou une pile à pièces. • La MORT ou des blessures graves peuvent survenir si le produit est ingéré. • Une pile bouton ou une pile à pièces avalée peut causer des brûlures chimiques internes en seulement 2 heures. • GARDEZ les piles neuves et usagées HORS DE PORTÉE DES ENFANTS. • Consultez immédiatement un médecin si vous pensez qu'une pile a été avalée ou insérée dans une partie du corps.

 AVERTISSEMENT	
	• RISQUE D'INGESTION : Ce produit contient une pile bouton ou une pile à pièces. • La MORT ou des blessures graves peuvent survenir si le produit est ingéré. • Une pile bouton ou une pile à pièces avalée peut causer des brûlures chimiques internes en seulement 2 heures. • GARDEZ les piles neuves et usagées HORS DE PORTÉE DES ENFANTS. • Consultez immédiatement un médecin si vous pensez qu'une pile a été avalée ou insérée dans une partie du corps.

The displayed icon size must be:

Width: Minimum 7 mm; Height: minimum 9 mm.

The packaging must clearly specify the battery type, CR2032, and the nominal voltage, 3 V.

The text "WARNING" must be clearly visible, have a height of minimum 5 mm, and be in capital letters. All other informational text must have a height of minimum 2.5 mm and be in bold and capital letters as shown.

Information in the instruction and user manual:

Use one of the two graphics below together with the stated text in English. Add the French version for deliveries to Canada.

 WARNING	
	• INGESTION HAZARD: This product contains a button cell or coin battery. • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH OF CHILDREN. • Seek immediate medical attention if a battery is suspected to be swallowed or inserted in any part of the body.

 WARNING	
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 AVERTISSEMENT	
	• RISQUE D'INGESTION : Ce produit contient une pile bouton ou une pile à pièces. • La MORT ou des blessures graves peuvent survenir si le produit est ingéré. • Une pile bouton ou une pile à pièces avalée peut causer des brûlures chimiques internes en seulement 2 heures. • GARDEZ les piles neuves et usagées HORS DE PORTÉE DES ENFANTS. • Consultez immédiatement un médecin si vous pensez qu'une pile a été avalée ou insérée dans une partie du corps.

 AVERTISSEMENT	
	• RISQUE D'INGESTION : Ce produit contient une pile bouton ou une pile à pièces. • La MORT ou des blessures graves peuvent survenir si le produit est ingéré. • Une pile bouton ou une pile à pièces avalée peut causer des brûlures chimiques internes en seulement 2 heures. • GARDEZ les piles neuves et usagées HORS DE PORTÉE DES ENFANTS. • Consultez immédiatement un médecin si vous pensez qu'une pile a été avalée ou insérée dans une partie du corps.

1. Remove and immediately recycle or dispose of used batteries according to local regulations. Do NOT dispose of batteries in household trash or incinerate.
2. Keep used batteries away from children.
3. Even used batteries may cause severe injury or death.
4. Call your local poison control center for treatment information.
5. Battery type: CR2032
6. Battery voltage: 3 V
7. Non-rechargeable batteries may not be recharged.
8. Do not force discharge, recharge, disassemble, heat above 40 °C, or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
9. Ensure the batteries are installed correctly in accordance with polarity (+ and -).
10. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
11. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
12. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries and keep them away from children.

Declarations

Declaration of Conformity

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

hereby declares under our sole responsibility that LINAK actuator system items

Wireless accessory: BLE2LIN

Wireless handset: HC05BL, HC10BL, HC1ABL, HC10ECO, HC2xBL, HC30BL, HC40BL, BP10BL, DPG1B, DPG1C, DPG1M, DPI-C

complies with the **Radio Equipment Directive (RED) 2014/53/EU** (*OJ L 153, 22.5.2014, p. 62–106*) according to the standard:

Art.3.1 (a) Safety:
EN 62368-1:2014+A11:2017 (Harmonized to LVD)

Art.3.1 (a) Health:
EN 62479:2010 (Harmonized to LVD)
EN 50663:2017

Art. 3.1(b) EMC:
ETSI EN 301 489-1 V2.2.3;
ETSI EN 301 489-17 V3.2.4

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

complies with Directive **2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (*OJ L 174, 1.7.2011, p. 88–110*) and Directive **2015/863** (*OJ L 137, 4.6.2015, p. 10–12*) (amending Annex II to Directive 2011/65/EU) according to the standard:

EN IEC 63000:2018

Nordborg, 2023-05-02

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

Original Declaration

Manufacturer's declaration

DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY 2006/42/EC ANNEX II B

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

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

Control Boxes	CB9H, CBH Advanced, CBH Basic
Linear Actuators	LA27, LA29, LA31 HOMELINE
Dual Actuators	TD3, TD4, TD5
Controls	HB10 RF, HB20RF, HB60, HC10, HC10RF, HC20RF, HC40
Accessories	Bluetooth Adapter, DC CONNECTOR, LED Lightbox, Lightplug001, Massage Motor, SMPS001, SMPS001, SMPS002, SMPS006

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, 2019-10-21

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

Original Declaration

Use the HC10BL in an environment with temperature between -10 and +50 °C. Otherwise, the HC10BL may be damaged. It can be operated at altitudes up to 2000 m.

Hereby, LINAK A/S declares that the radio equipment type HC10BL is compliant with Directive 2014/53/EU.



Caution:

For battery: Risk of explosion if the battery is replaced with an incorrect type.
Dispose of used batteries according to local regulations.

Operating Frequency Range
2402 - 2480 MHz

The maximum RF Output Power
-9.81 dBm EIRP

The HOMELINE® product

This product is a HOMELINE product developed for furniture and for indoor use.

Parameter	Operation	Storage and transportation
Temperature	10 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A

Warranty

The warranty terms for HOMELINE products are described in this warranty paper:

<https://cdn.linak.com/-/media/files/warranty/warranty-paper-homeline-eng.pdf>

Maintenance

Clean dust and dirt on the outside of the system at appropriate intervals and inspect them 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 must be 6-8).

Description of the Hand Control HC10



The Hand Control HC10 is a simple and user-friendly remote control for mainly comfort beds. It comes in three different colour combinations to match different bed designs.. It has big intuitive buttons and a simple design that makes it a very popular choice for standard systems with two actuators, simultaneous drive and Under Bed Light.

Operation

Dual pairing

HC12 control with SW0077075 ver. 1.04 (produced from November 2017) supports dual pairing: Pairing one hand control to two TD4/TD5/LA18 IC with integrated Bluetooth® or two CBD6DC HOMELINE using Bluetooth® Adapters.



It is important that the two products (TD4/TD5/LA18 IC/CBD6DC HOMELINE) are **not** connected to each other via a LINbus cable.

How to pair

1. Connect the two TD4/TD5/LA18 IC/CBD6DC HOMELINE to the mains at the same time.
2. The Under Bed Light on the TD4/TD5/LA18 IC or the Bluetooth® Adapter starts to blink to indicate pairing mode has started.
3. Take the hand control, press the two upper buttons. Now both products are paired to the hand control.

It is possible to pair the hand control to the second actuator system later. Follow the standard process of pairing and be aware not to disconnect the already paired actuator system from the mains.

How to unpair one system

1. Disconnect both TD4, TD5, LA18 IC or CBD6DC HOMELINE from the mains.
2. Connect the TD4, TD5, LA18 IC or CBD6DC HOMELINE, on which you want to keep the pairing, to the mains.
3. The Under Bed Light on the TD4/TD5/LA18 IC or the Bluetooth® Adapter starts to blink to indicate pairing mode has started.
4. Take the hand control, press the two upper buttons, and give a command to move the bed. Now the pairing between the hand control and the disconnected TD4, TD5, LA18 IC or CBD6DC HOMELINE will be deleted.

Battery replacement

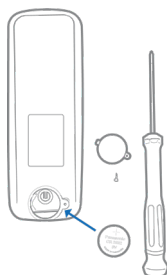
1. Unscrew battery lid (use a Philips PH0 screwdriver).



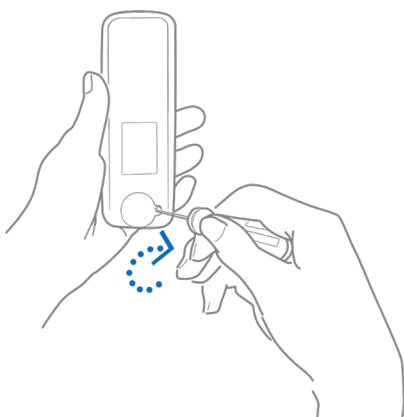
2. Remove old battery.



3. Insert new CR2032 battery.



4. Remount battery lid. Max torque: 0.2 Nm.



Dispose of used batteries immediately. Keep new and used batteries away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Troubleshooting/FAQs

Troubleshooting

Problem:

The hand control has lost connection to the paired actuator system.

Cause:

- The actuator system is disconnected from mains
- Radio noise
- The actuator system is out of reach of the hand control
- Another control (or phone) was controlling the actuator system within the past 5 seconds
- The pairing was lost

Remedy:

Please wait 5 to 10 seconds and try again.

FAQs

Question	Answer
Why can I not control my bed with my hand control?	• The actuator system was disconnected from mains or the batteries were removed from the hand control before the pairing was saved. Pair again and wait 10 seconds before disconnecting power/removing batteries. • Another device is still controlling the actuator system. Please wait 5 to 10 seconds and try again.
Why is the hand control not approved for the US market?	• The HC10 is not approved for US market because of missing UL 962 certification and battery accessibility.

Repairs

Only an authorised LINAK® service centre should repair the LINAK actuator systems. Systems to be repaired under warranty must be sent to an authorised LINAK service centre.

In order to avoid the risk of malfunction, all actuator repairs must only be carried out by an authorised LINAK Service shop or repairers, as special tools and parts must be used.

If a system is opened by unauthorised personel there is a risk that it may malfunction at a later date.

LINAK systems or components may be disposed of, possibly by dividing them into different waste groups for recycling or combustion.

We recommend that our product is disassembled as much as possible at the disposal and that you try to recycle it. LINAK systems or components should be disposed of in accordance with the environmental regulations applicable in the respective country.

Further information on LINAK warranty can be found on the LINAK website www.linak.com/warranty.

Repairs



WARNING

Opening the product

Risk of injury to persons

- Do not open the HOMELINE® product.

Disposal of LINAK products

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

Guide

We recommend our products to 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.

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

Main groups of disposal

Product	Metal scrap	Cable scrap	Electronics scrap	Plastic recycling or combustion	Paper and cardboard recycling
Hand controls			X	X	
Packaging				x	x

Disposal of batteries

Details regarding safe disposal of used and leaking batteries:

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

How to deal with leaking batteries

Leaking batteries should be disposed of 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 may become defective.

It is recommended to use plastic gloves when handling leaking batteries. The contents of 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.

Contacts

FACTORIES

Denmark - Headquarters

LINAK A/S

Phone: +45 73 15 15 15

Fax: +45 74 45 80 48

Fax (Sales): +45 73 15 16 13

Web: www.linak.com

China

LINAK (Shenzhen) Actuator Systems, Ltd.

Phone: +86 755 8610 6656

Phone: +86 755 8610 6990

Web: www.linak.cn

Slovakia

LINAK Slovakia s.r.o.

Phone: +421 51 7563 444

Web: www.linak.sk

Thailand

LINAK APAC Ltd.

Phone: +66 33 265 400

Web: www.linak.com

USA

LINAK U.S. Inc.

Americas Headquarters

Phone: +1 502 253 5595

Fax: +1 502 253 5596

Web: 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

Web: www.linak.com.au

Austria

LINAK Zweigniederlassung - Österreich (Wien)

Phone: +43 (1) 890 7446

Fax: +43 (1) 890 744615

E-mail: info@linak.de

Web: www.linak.at - www.linak.hu

Belgium

LINAK Actuator-Systems NV/SA

(Belgium & Luxembourg)

Phone: +32 (0)9 230 01 09

E-mail: beinfo@linak.be

Web: 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

Web: www.linak.com.br

Canada

LINAK Canada Inc.

Phone: +1 502 253 5595

Fax: +1 416 255 7720

E-mail: info@linak.ca

Web: www.linak-us.com

Czech Republic

LINAK C&S s.r.o.

Phone: +42 058 174 1814

Fax: +42 058 170 2452

E-mail: info@linak.cz

Web: www.linak.cz - www.linak.sk

Denmark - International

LINAK International

Phone: +45 73 15 15 15

E-mail: info@linak.com

Web: 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

Web: www.linak.dk

Finland

LINAK OY

Phone: +358 10 841 8700

E-mail: linak@linak.fi

Web: 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

Web: www.linak.fr

Germany

LINAK GmbH

Phone: +49 6043 9655 0

Fax: +49 6043 9655 60

E-mail: info@linak.de

Web: www.linak.de

India

LINAK A/S India Liaison Office

Phone: +91 120 4531797

Fax: +91 120 4786428

E-mail: info@linak.in

Web: www.linak.in

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

Web: www.linak.it

Japan

LINAK K.K.

Phone: 81-45-533-0802

Fax: 81-45-533-0803

E-mail: linak@linak.jp

Web: www.linak.jp

Malaysia

LINAK Actuators Sdn. Bhd.

Phone: +60 4 210 6500

Fax: +60 4 226 8901

E-mail: info@linak-asia.com

Web: 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

Web: www.linak.nl

New Zealand

LINAK New Zealand Ltd

Phone: +64 9580 2071

Fax: +64 9580 2072

E-mail: nzsales@linak.com.au

Web: www.linak.com.au

Norway

LINAK Norge AS

Phone: +47 32 82 90 90

E-mail: info@linak.no

Web: www.linak.no

Poland

LINAK Polska

LINAK Danmark A/S (Spółka Akcyjna)

Phone: +48 22 295 09 70 /

+48 22 295 09 71

E-mail: info@linak.pl

Web: www.linak.pl

Republic of Korea

LINAK Korea Ltd.

Phone: +82 2 6231 1515

Fax: +82 2 6231 1516

E-mail: info@linak.kr

Web: www.linak.kr

Slovakia

LINAK Slovakia S.R.O.

Phone: +421 51 7563 444

Web: 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

Web: www.linak.es

Sweden

LINAK Scandinavia AB

Phone: +46 8 732 20 00

Fax: +46 8 732 20 50

E-mail: info@linak.se

Web: www.linak.se

Switzerland

LINAK AG

Phone: +41 43 388 31 88

Fax: +41 43 388 31 87

E-mail: info@linak.ch

Web: 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

Web: www.linak.com.tw

Turkey

LINAK İth. İhr. San. ve Tic. A.Ş.

Phone: +90 312 4726338

Fax: +90 312 4726635

E-mail: info@linak.com.tr

Web: www.linak.com.tr

United Kingdom & Ireland

LINAK UK Limited

Phone: +44 (0)121 544 2211

Fax: +44 (0)121 544 2552

E-mail: sales@linak.co.uk

Web: www.linak.co.uk

DISTRIBUTORS

Argentina

Novotec Argentina SRL

Phone: 011-4303-8989 / 8900

Fax: 011-4032-0184

E-mail: info@novotecargentina.com

Web: www.novotecargentina.com

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Phone: +[57] (1) 334-7666

Fax: +[57] (1) 282-1684

E-mail: servicioalcliente@memltda.com.co

Web: www.mem.net.co

India

Mechatronics Control Equipments India Pvt Ltd

Phone: +91-44-28558484, 85

E-mail: bala@mechatronicscontrol.com

Web: www.mechatronicscontrol.com

Indonesia

PT. Himalaya Everest Jaya

Phone: +6 221 544 8956 /+6 221 544 8965

Fax: +6 221 619 1925

Fax (Sales): +6 221 619 4658

E-mail: hejplastic-div@centrin.net.id

Web: www.hej.co.id

Israel

NetivTech LTD

Phone: +972 55-2266-535

Fax: +972 2-9900-560

Email: info@NetivTech.com

Web: www.netivtech.com

Singapore

Servo Dynamics Pte Ltd

Phone: +65 6844 0288

Fax: +65 6844 0070

E-mail: servodynamics@servo.com.sg

South Africa

Industrial Specialised Applications CC

Phone: +27 011 466 0346

E-mail: gartht@isagroup.co.za

Web: www.isaza.co.za

United Arab Emirates

Mechatronics

Phone: +971 4 267 4311

Fax: +971 4 267 4312

E-mail: mechtron@emirates.net.ae

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