

LA10 Bed system

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 section).

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 products:

Actuators: LA10

Controls: BP12

Accessory: BLE2DC, USB2DC

Charging points: CP001, CP002, CP003

Power supply: SMPS001 or SMPS006

Intended use

This system is a HOMELINE system developed for furniture and for indoor use in dry locations.

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

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 "NOTICE" 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 or SMPS006, shall be used with the system (LA10 System). The power supply shall not be covered while operating to allow sufficient cooling of this appliance.



The appliance is only to be used with the power supply unit provided with the appliance. Furthermore take care about the connecting wires from the power supply to the LA10 system, do not damage this by overrun.



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

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 SMPS001/006 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 or SMPS006, or similar suited products meeting the requirements EN 60335-1, shall be used with the system (LA10 system).

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 SMPS voltage matches the mains voltage before the system is connected to the mains.
- System connection:
The individual parts must be connected before the SMPS is connected to the mains. See the User Manual for LINAK actuators, if necessary.

During operation

- If the SMPS makes unusual noise or smells, switch off the mains voltage immediately.
- Take care that the cables are not damaged.

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.



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.
- It is the operator's responsibility to ensure that there is free space for the application to move without risk for the operator or bystanders before operating the application.

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 de sécurité

Général

Une utilisation sûre du système n'est possible que si le manuel d'utilisation 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.



Il est important que toutes les personnes chargées de connecter, d'installer ou d'utiliser les systèmes disposent des informations nécessaires et aient accès à ce manuel de l'utilisateur. Suivez les instructions de montage - risque de blessure en cas de non-respect de ces instructions.



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



Si le produit présente des dommages visibles, il ne doit pas être installé.



Il convient de noter que lors de la construction des applications dans lesquelles l'actionneur doit être monté, il ne doit pas y avoir de risque de blessure, par exemple en cas d'écrasement des doigts ou des bras.



Seul le bloc d'alimentation de type SMPS001 ou SMPS006 doit être utilisé avec le système (système LA10). Le bloc d'alimentation ne doit pas être couvert pendant le fonctionnement afin de permettre un refroidissement suffisant de l'appareil.



L'appareil ne doit être utilisé qu'avec le bloc d'alimentation fourni avec l'appareil. En outre, faites attention aux fils de connexion entre le bloc d'alimentation et le système LA10, ne les endommagez pas en les dépassant.



Assurer un espace libre pour la circulation de l'application dans les deux sens afin d'éviter les blocages.

Questions de sécurité



Le constructeur de l'équipement doit s'assurer que l'utilisation du composant est conforme aux normes en vigueur - comme la directive sur les machines. Il faut veiller à ce que les câbles ne soient pas écrasés, car cela peut entraîner des mouvements du système !



Le SMPS001/006 ne doit pas être emballé dans un matériau d'isolation thermique, mais doit être placé de manière à ce qu'il puisse émettre de la chaleur résiduelle dans l'environnement. Il n'y a pas de trous de ventilation à prendre en compte, le SMPS émet de la chaleur par sa surface.



Seule l'alimentation de type SMPS001 ou SMPS006, ou des produits similaires répondant aux exigences de la norme EN 60335-1, doit être utilisée avec le système (système LA10).

Avant l'installation, la réinstallation ou le dépannage

- Arrêter les actionneurs.
- Débrancher la prise de courant.
- Soulager les actionneurs de toute charge qui pourrait être relâchée pendant les travaux.

Avant le démarrage

- Assurez-vous que le système a été installé conformément aux instructions du présent manuel de l'utilisateur.
- Assurez-vous que la tension du SMPS correspond à la tension du réseau avant de connecter le système au réseau.
- Connexion du système :
Les différents éléments doivent être connectés avant que le SMPS ne soit connecté au réseau. Voir le manuel de l'utilisateur pour les actionneurs LINAK, si nécessaire.

Pendant le fonctionnement

- Si le SMPS émet des bruits ou des odeurs inhabituels, coupez immédiatement la tension secteur.
- Veillez à ce que les câbles ne soient pas endommagés.

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.



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.
- Il est de la responsabilité de l'opérateur de s'assurer qu'il y a de l'espace libre pour que l'application puisse se déplacer sans risque pour l'opérateur ou les passants avant d'utiliser l'application.

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.

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	• 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

EU 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 main component (marked with CE)
Control unit (model): BLE2DC or BA002

And options of

linear Actuator(s):

item number: 10aaabbb00000000-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.

Charging point: CP002, CP003, CP001 or CP100

Power unit: SMPS001 or SMPS006

Handsets (model): BP10BL, HC05BL, HC10BL, HC1ABL, HC40BL

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

Art.3.1 (a) Safety:

EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021 (Harmonized to LVD)

Art.3.1 (a) Health:

EN 62479:2010; (Harmonized to LVD)
EN 62233:2008+AC:2008

Art. 3.1(b) EMC:

EN 61000-6-2:2005/AC:2005
EN 61000-6-3:2007/A1:2011/AC:2012
ETSI EN 301 489-1 V2.2.3;
ETSI EN 301 489-17 V3.2.4

In accordance with procedures given in:

Draft ETSI EN 303 446-1 V1.2.0
Draft ETSI EN 303 446-2 V1.2.0

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

Additionally, BA002 complies with Battery Regulation (EU) 2023/1542 Article 6.

Nordborg, 2024-08-14

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

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

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

With main component:
Control unit (model): BLE2DC or BA002

And options of

linear Actuator(s):
item number: 10aaabbb00000000-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.

Charging point: CP002, CP003, CP001 or CP100

Power unit: SMPS001 or SMPS006

Handsets (model): BP10BL, HC05BL, HC10BL, HC1ABL, HC40BL

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

We confirm that prior to market introduction the relevant technical documentation is compiled in accordance with part B of Annex VII and the assembly instruction pursuant to Annex VI.

This documentation or part hereof will be transmitted by post or electronically to a reasoned request by the national authorities.

The products mentioned in this document are to be combined for use in electrically adjustable beds or recliner chairs.

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, 2025-07-08

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

Original Declaration

Description of the HOMELINE® LA10 Bed system

The LA10 Bed system consists of one or more Linear Actuators LA10, a Bluetooth® dongle, a control unit and a charging point. A Bluetooth® dongle ensures the wireless connection to the control unit. To complete the design, the charging point is available in different versions.

An LA10 Bed system consists of:

- LA10 linear actuator
- Bluetooth® dongle
- BP12 control unit
- Bracket for control unit
- Charging Point CP001, CP002, or CP003 (optional)
- USB2DC cable
- Switch Mode Power Supply SMPS001 or SMPS006

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG Inc. and any use of such marks and logos by LINAK A/S is under license.

Configuration

The LA10 actuator can be configured via the LA10 configurator. A number of parameters can be adjusted such as speed and stroke length.



Settings that are not default values, such as increased speed, will have influence on the product lifetime, push force etc.

Changes made in the configurator are not tested and we cannot guarantee that the specifications in the data sheet are met.

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>



Please note that the warranty on the Battery Box BA002 is extended to 36 months.

Maintenance

Clean dust and dirt from 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 must be 6 to 8).

Installation

For installation of LA10 systems for recliners, please refer to the [LA10 Recliner system User Manual](#).



WARNING:

The Control Unit BP10, the Charging Point CP003, and the CP003 charging cable contain a magnet that could affect the function of a medical device (such as a pacemaker). Please read the instructions of the medical device and keep a safe distance for safe use, if required.

Systems without ClearLine noise-reduction cable

The connection cables between units on the bus (from battery to LA10 and between the LA10 actuators) should be kept as short as possible – use the recommended 400 mm or 800 mm cables and avoid excess cable.

This becomes more important when having several PLC units (multiple LA10 actuators) on the bus. If this requirement is not met, communication may be lost and the movement interrupted.



Cable length between the SMPS and the actuator:

- Min. 1800 mm
- Max. 5000 mm

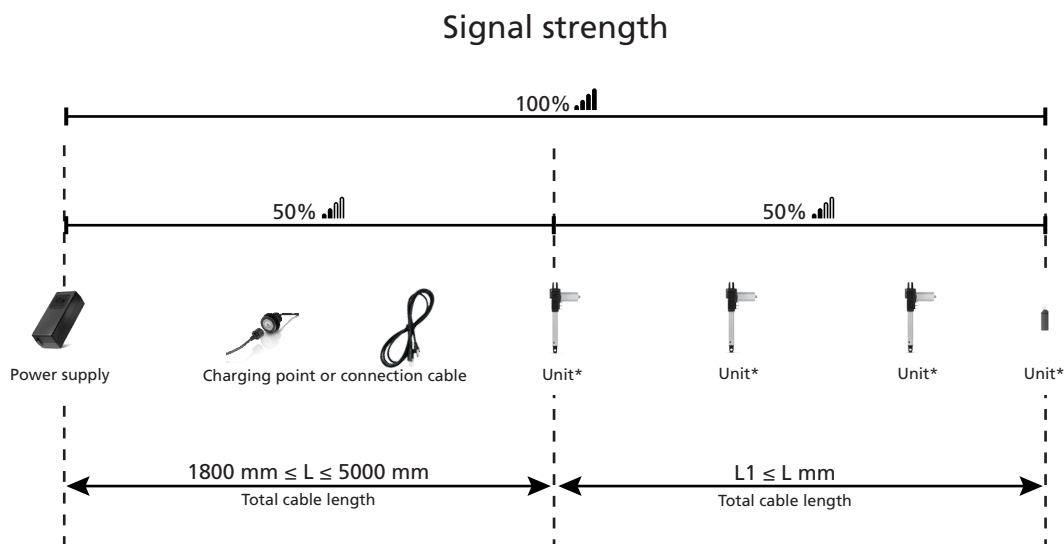
Shorter cable:

The system may not work correctly, or it may behave in an unexpected way.

Longer cable:

Voltage drop causing the system to run slower.

In general, a rule of thumb for a multiple-actuator system is that the total cable length after the first unit must be less than the cable length from the SMPS to the first unit.



*: LA10, Bluetooth® dongle, or BA002

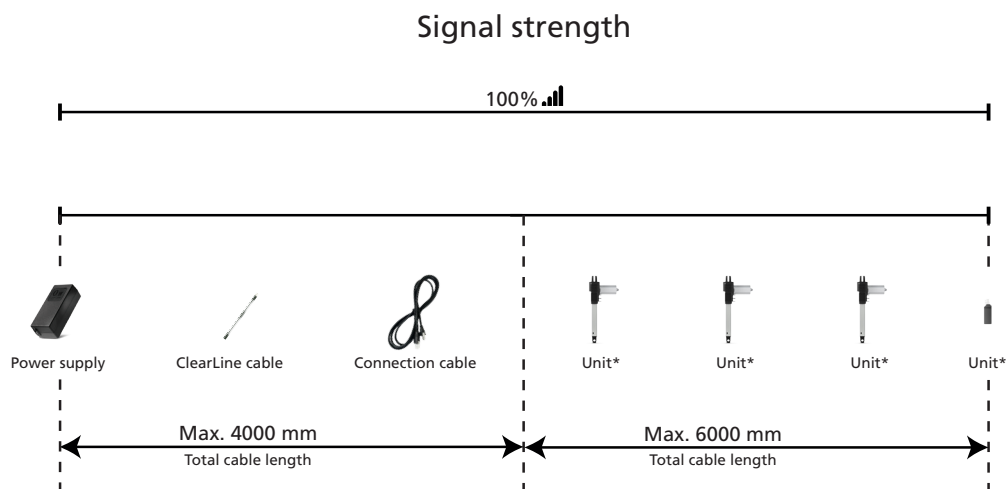
Figure 1 Cable length illustration (valid for up to 4 PLC units - units with micro)

Example:

In a system with a 2.5 m charging cable and a 0.5 m charging point cable (in total 3 m from the SMPS to the first PLC unit), the cable length from the first PLC unit to the last PLC unit must be less than 3 m.

Systems with ClearLine noise-reduction cable

- Connect the ClearLine noise-reduction cable to the SMPS.
- Keep the connection cables as short as possible.
- Total cable length: Max. 10000 mm.



*: LA10, Bluetooth® dongle, or BA002

Figure 2 Cable length illustration (valid for up to 4 PLC units - units with micro)



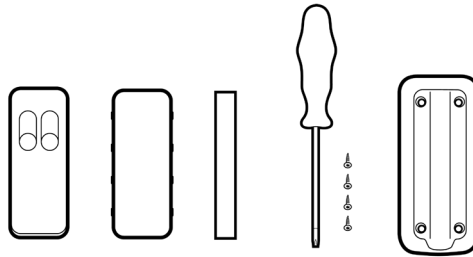
In case a T-splitter is a part of the application, the complete cable length between the first and the last PLC unit (LA10/BLE2DC) must not exceed 6000 mm.

Mounting the BP10 bracket

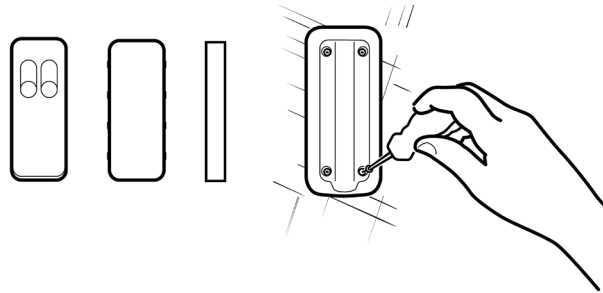
The bracket consists of four parts. A screwdriver and four screws are needed for mounting the bracket.

Screw specifications:

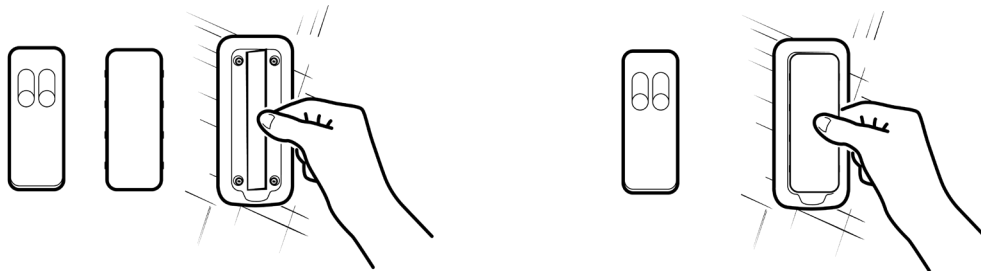
Countersunk 45°, flat head, max. $\varnothing 3.5$ mm.



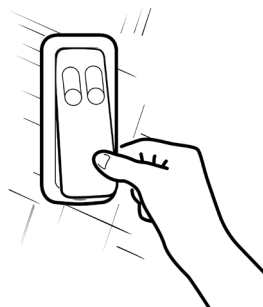
1. Use four screws to mount the main part of the bracket on the recliner.



2. Place the metal plate in the bracket first and then click the plastic top into the bracket.



3. Place the control unit in the bracket.



The control unit is attached to the bracket via a built-in magnet. It can easily be removed from the bracket and used as a remote hand control.

Connection

Connecting the LA10 system with Bluetooth® dongle

1. Gather all parts for the LA10/Bluetooth® dongle system.

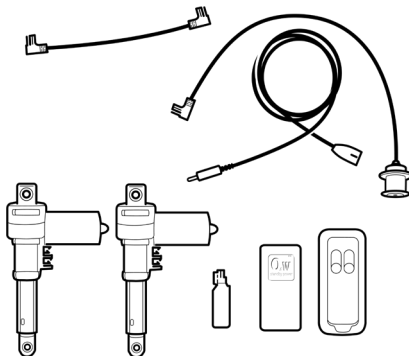
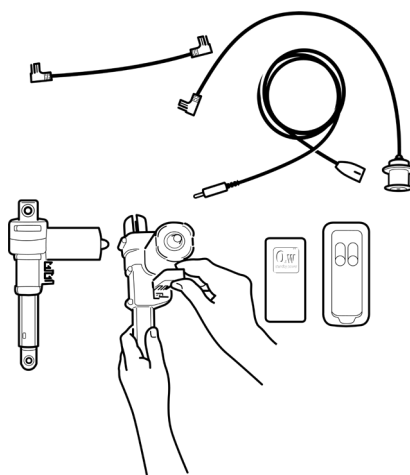
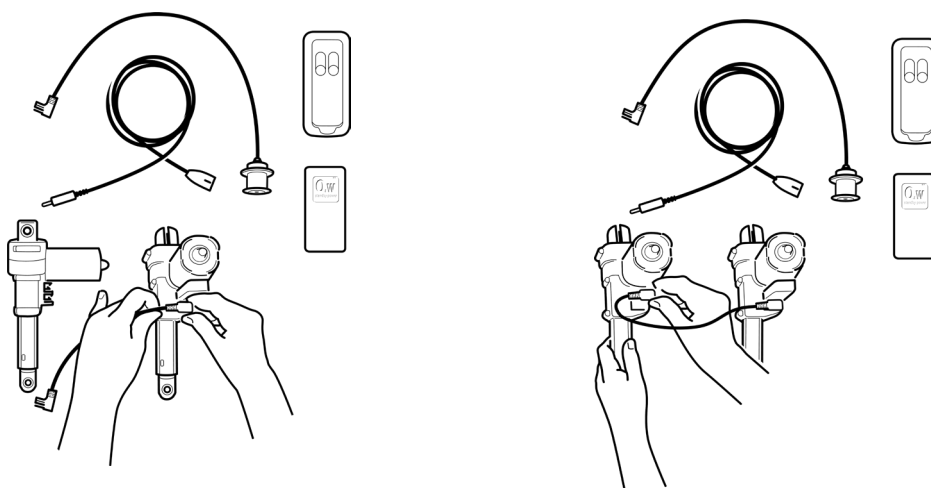


Figure 3 All parts of the LA10/Bluetooth® dongle system

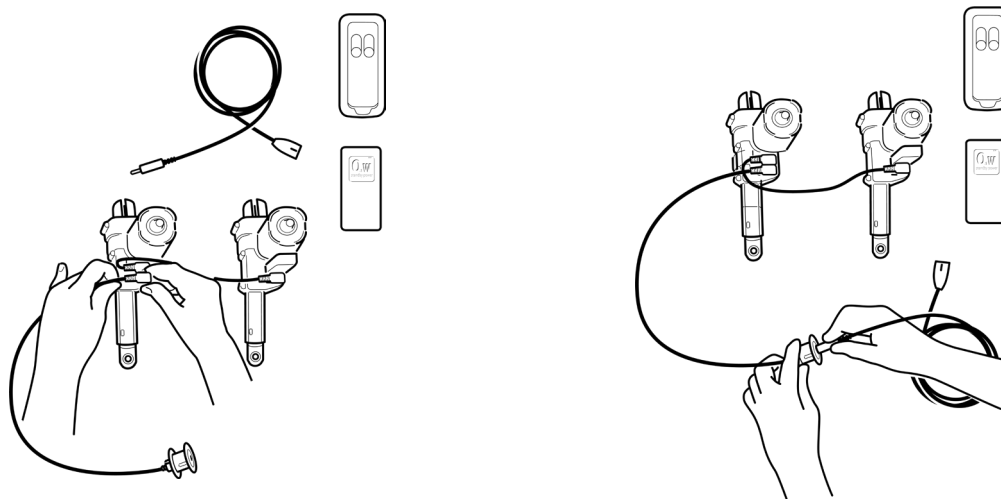
2. Plug the Bluetooth dongle into one of the actuators.



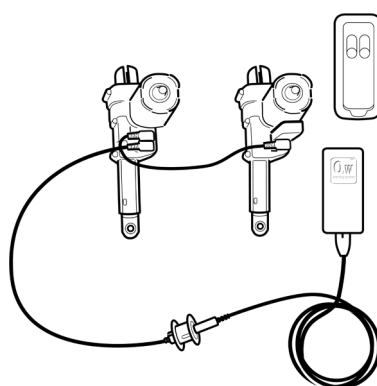
3. Connect the actuators using the connection cable.



4. Connect the Charging Point CP001/002/003 to one of the actuators and connect the power cable.



5. Connect the power cable to the power supply.



Bed-frame examples

GTE Spine

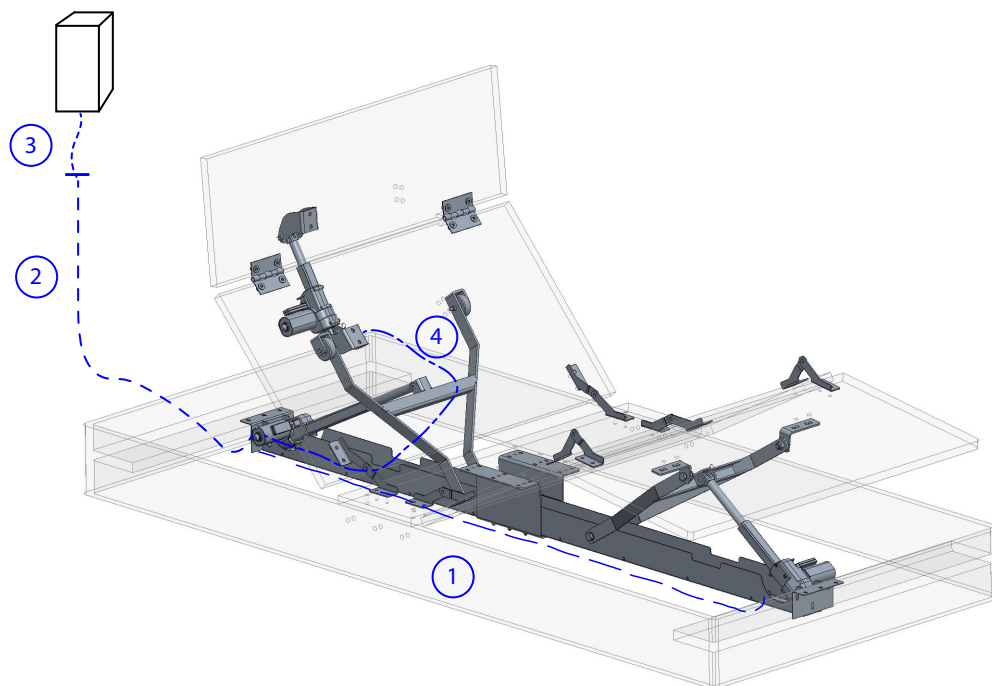


Figure 4 Connection overview for GTE Spine bed frame

GTE PowerFlex

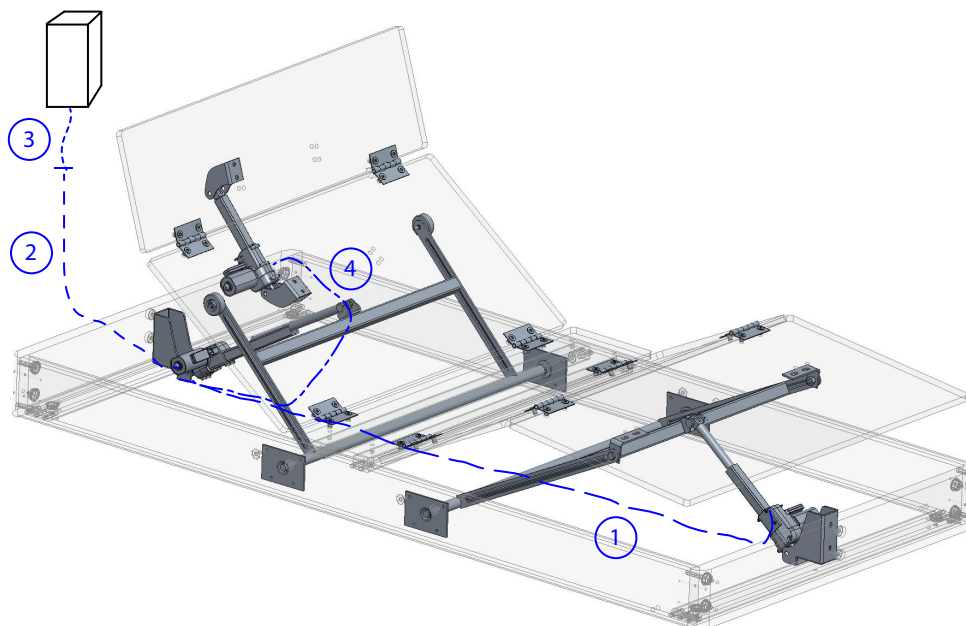


Figure 5 Connection overview for GTE Powerflex bed frame

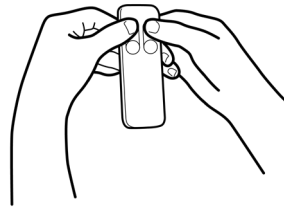
Recommended cables

Connection	Cable	Cable type
1	CAB0705873-1800	2-poled DC cable
2	CAB0705873-1800	2-poled DC cable
3	CAB1036W7004	ClearLine cable for maintaining signal strength
4	CAB0705887 + CAB0705839	T-splitter cable + 2-poled DC cable

Pairing the control unit

When connecting the system to power, it will automatically be in pairing mode for three minutes. The pairing mode stops when a paired control unit sends a command.

1. Press the two upper buttons of the control unit to pair it with the system.
For BP11: press the 'up' and the 'down' buttons.



If you need to get the system into pairing mode, unplug the system, wait for 10 seconds, and plug the power cable back in.



There is no need to initialise the system when setting it up the first time. You just need to connect it and pair the control.

Initialising the system

1. Push the "down" button on the control unit for the actuator that must be initialised and drive the actuator to its inner position.
2. Release the button on the control unit.

If more than one actuator is connected, the same must be done with the other channels by pressing the matching "down" button on the control unit. The system is now ready for use.

Re-initialising the system

If the system needs to be re-initialised, please follow this procedure:

1. Press and hold the "down" button for 10 seconds to make the actuator initialise – the actuator can now drive outwards.

Replacing the battery



Caution/Warning



Contains coin battery



Warning

This product contains a coin battery. A coin battery can cause serious internal chemical burns if swallowed. Swallowing or insertion of a battery into the body may lead to serious injury or death in as little as 2 hours, due to chemical burn and potential perforation of the esophagus.



Warning

Keep new and used batteries out of the reach of children. If you think a battery might have been swallowed or placed inside any part of the body, seek immediate medical attention.

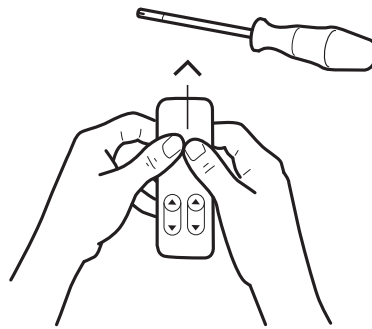


Warning

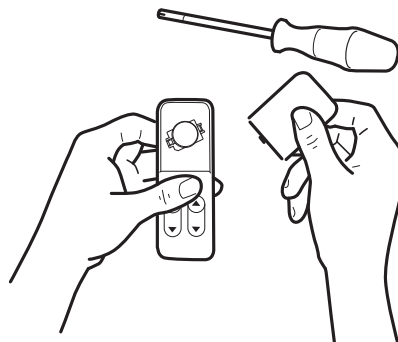
Dispose of used batteries immediately and safely.

The CR2032 battery can be replaced when needed.

1. Press the battery cover down and slide to loosen it.



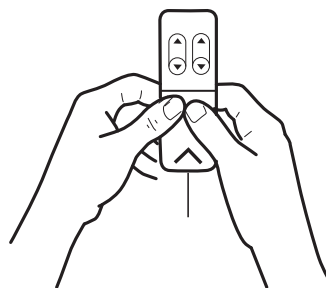
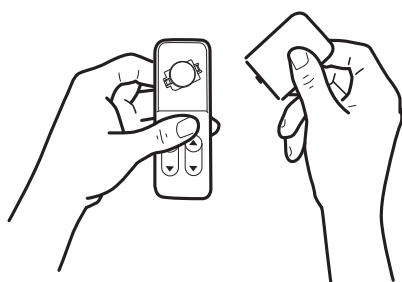
2. Remove the battery cover.



3. Use a screwdriver to remove the old battery.



4. Put the battery cover back in place.



Repair and disposal



WARNING

Opening the product

Risk of injury to persons and of malfunction

- Do not open the product unless you are authorised to do so.

Only an authorised LINAK® service centre should repair the LINAK products. Products to be repaired under warranty must be sent to an authorised LINAK service centre.

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

If a product is opened by unauthorised personnel 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.

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

Accessories and spare parts

Accessories

Order from your nearest LINAK® sales office, distributor or subsidiary.

Spare parts

Please contact your nearest LINAK sales office for information on spare parts.

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