



Actuator systems for recliners

[LINAK.COM/HOMELINE](https://linak.com/homeline)

LINAK® 
WE IMPROVE YOUR LIFE

We Improve Your Life

Linear actuator movement might be the simplest movement in the world. And yet, perfecting something simple is one of the hardest challenges.

Since LINAK® founder Bent Jensen came up with the idea for the first electric actuator in order to help a friend in a wheelchair, every engineer and specialist employed by LINAK has aimed to solve real-life challenges for real people.

To this day, our motto; 'We Improve Your Life' is reflected in everything we do. Whether we engage in product development, operation or implementation of technology, we always look for ways to make it easier for our customers to enter into in collaborations and partnerships with us and to ultimately improve the lives and working conditions of end users.

Our solutions move people – their work and their lives.
We Improve Your Life!

Relax - we have your back

Creating adjustable quality furniture for discerning customers in a competitive market is challenging, especially for living room comfort furniture where design must align with functionality. We recognise that integrated movement systems should enhance comfort without compromising design. Our electric actuators provide smooth, low-noise motion.

With a foundation of knowledge, experience, and field research, we consider every aspect in developing new solutions. We conduct field studies, interview stakeholders, and thoroughly test products throughout the process. Your customers expect innovation, quality, and reliability, which we deliver from a single supplier.

Our actuator system for pedestal recliners exemplifies this commitment, and we hope you see its impact.



Watch our video





System built on extensive field research

As a supplier of complete systems, we know that our job is quite straightforward; to ensure that you get the most reliable system in the world and that you retain full freedom to design the furniture you want.

To make sure we got it right and have considered every possible detail. We talked to:

- **Designers - talked about space and shape requirements**
- **Purchasers - interviewed about buying processes and stock management**
- **Facility workers - watched them assemble systems and mount them to furniture**
- **R&D experts - discussed technology needs**
- **Upholsters - went through the mounting process**
- **Consumers - conducted surveys**
- **Retailers - had them tell us about usability, consumer behaviour and the typical quality issues they experience**

Everything comes together in the LINAK® solution for pedestal recliners – making it much easier for you to deal with products that accommodate every stakeholder.





Lars Appel Mortensen,
Technical Sales
Application Engineer
at LINAK



“We did several things to eliminate the most common cable issues. We used serial connection of the actuators, took the traditional control box out of the equation, and used Bluetooth® BLE technology to connect to the control panel - it all helped reduce the number of cables”.

Speed up the R&D process



The LINAK system for recliners will speed up development with a hands-on configurator and plug and play actuators with predictable, precise calibration. What is more, we offer you a system built to eliminate quality issues in the long run.

Hands-on configuration of products

No need to wait for factory-configured parts. Use the hands-on LINAK® configuration tool to iterate faster and explore more system opportunities. This frees up time for experimentation.

Ready-for-use actuator, always consistent specs

In confined spaces, even a few millimetres matter. Accurate calibration ensures that all products deviate less than 1 mm from specs, making it easy to integrate the LA10 system into your recliner during production.

Plug and play

All the LA10 actuators are similar and are made to connect in a series. This means easy experimentation by changing actuator positions or adding/removing actuators. Power can be connected at either end of the system, and powerline communication (PLC) ensures each actuator knows its position in the series.

Magnetic charging point

We also offer a magnetic charging point, CP003, for recliners. The charging cable snaps into place for easy connection, and if someone trips on it, it pulls off to prevent damage.

Eliminate quality issues

LINAK® actuator systems are made from quality materials, ensuring smooth, low-noise movement. We've identified common quality issues and taken steps to eliminate their root causes, such as reducing the total number of cables to prevent damage from squeezed or broken cables.



Reduce inventory complexity



We streamlined your day by simplifying ordering and optimising stock management, without limiting the number of ways to configure or set up an adjustment system for your recliner.

Build more with fewer parts

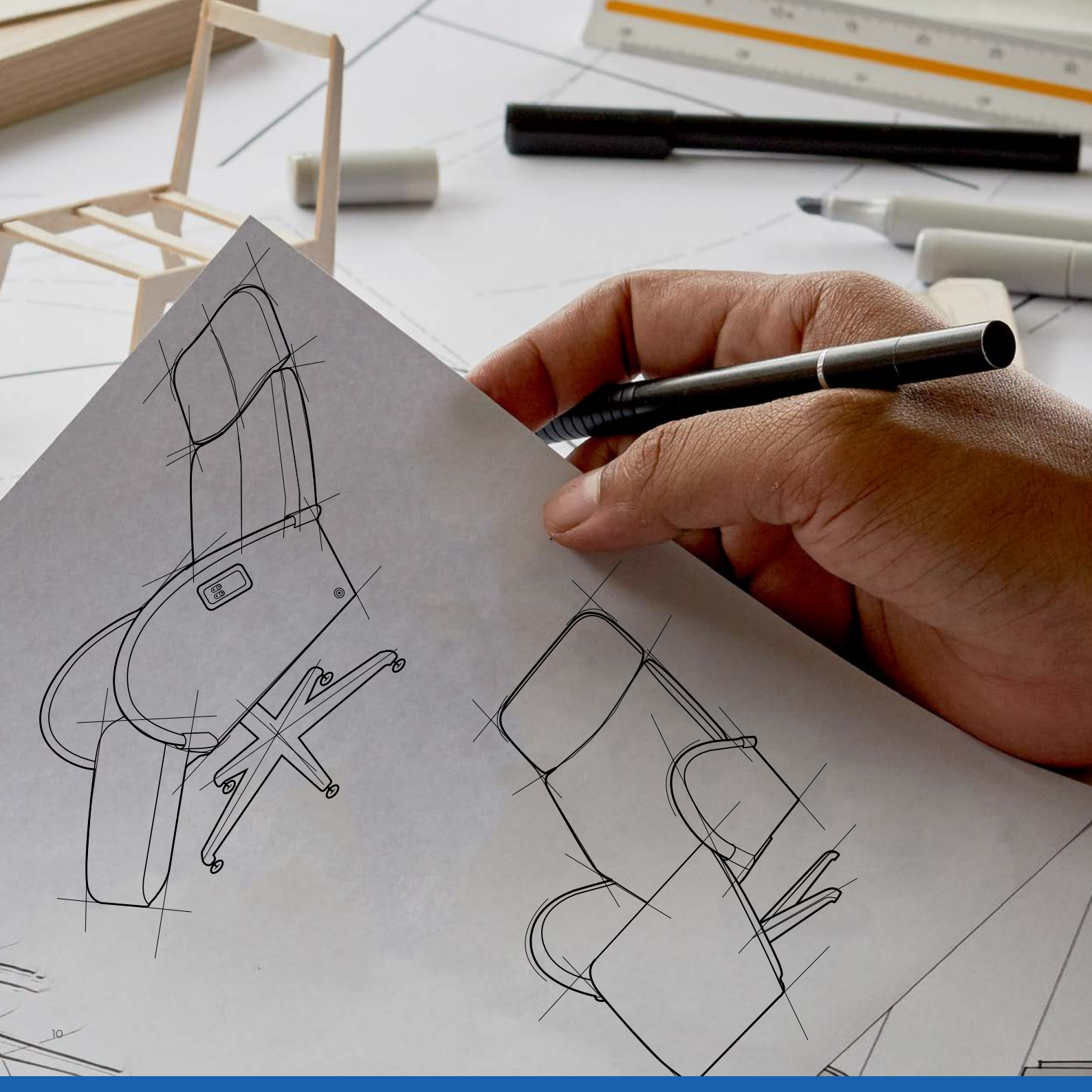
With LINAK® products, you can create more using fewer components. Our modular system simplifies ordering, providing total solutions from one supplier. For recliners, our linear actuators LA10 can be connected in series, reducing complexity by eliminating unnecessary cables and control boxes. You only need LA10 actuators, a Bluetooth® dongle, a control unit, a charging point, and a few cables.

Modularity and flexibility

Our modular design allows one product to fit various recliner styles, streamlining your inventory. The LINAK® configuration tool enables R&D to adapt LA10 actuators for different chair designs.

Easy ordering from one supplier

We offer a complete recliner system from a single supplier, simplifying the ordering process with a single item number for all LA10 actuators. It is that easy.



Care for the finer details



Is it really possible to retain full design freedom when you create adjustable furniture? With LINAK® actuator systems we have gone to great lengths to ensure that you can.

Perfecting your recliner

Achieving a flawless recliner design requires attention to detail. We cared extra for the appearance of the visible components, like the charging point and control unit, to enhance your aesthetic.

User-friendly controls

Our controls are designed to be simple and intuitive, providing easy access to system features. The My Recliner™ app allows users to adjust their recliner via a smartphone.

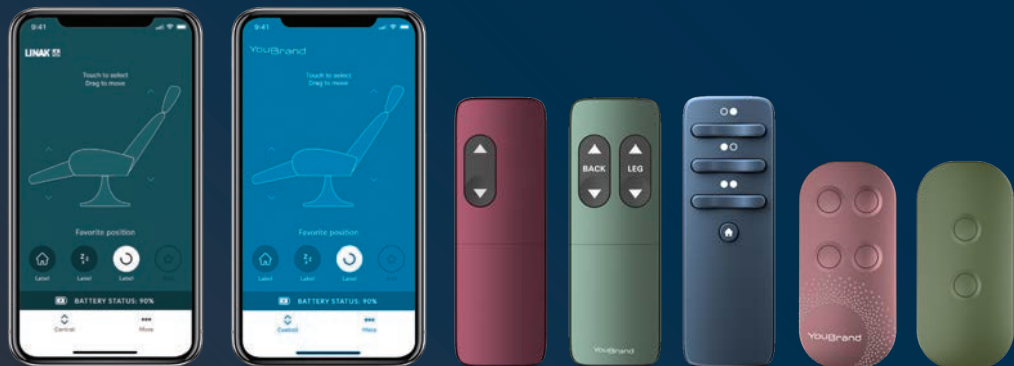
Your brand. Your choice.

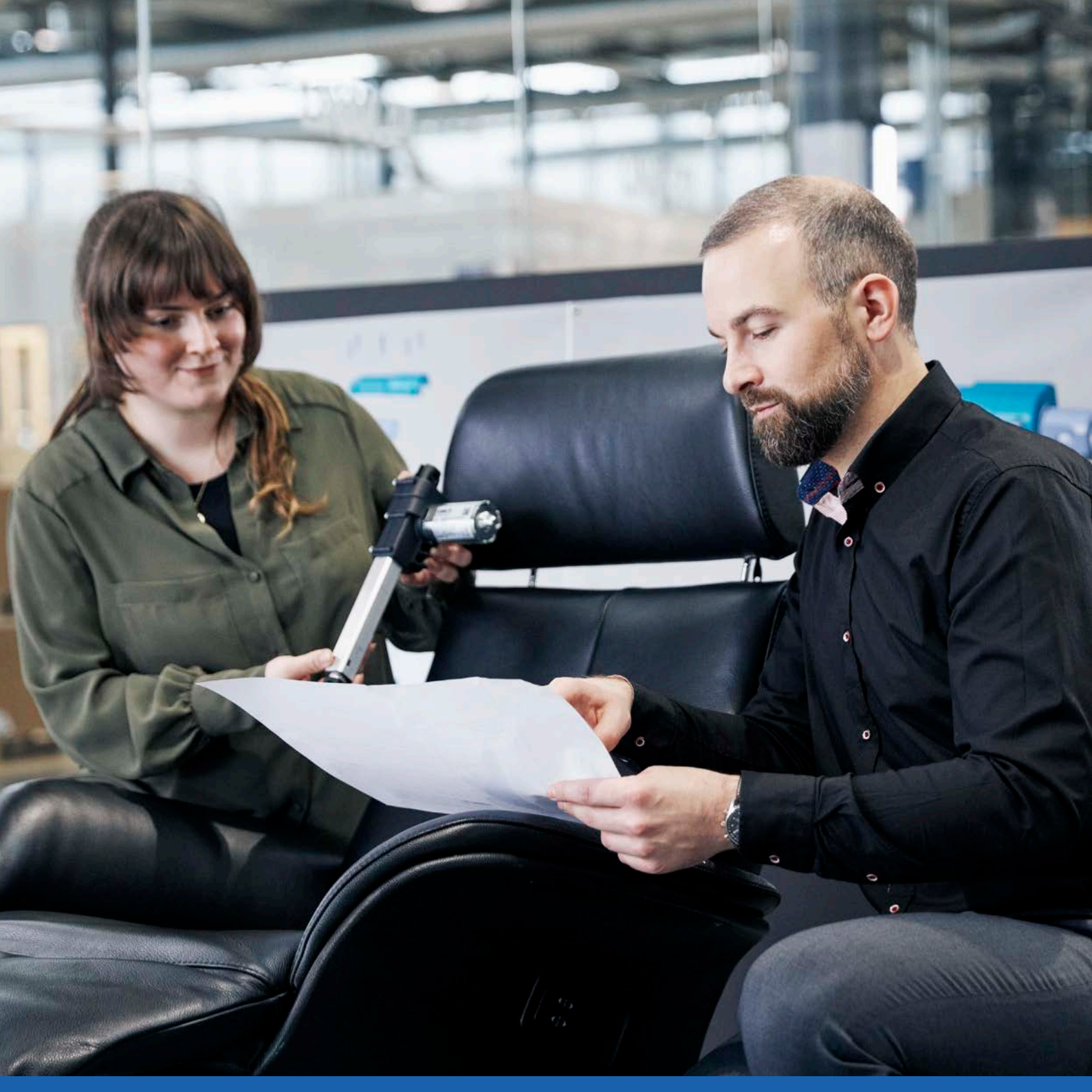
All controls can be customised to reflect your brand - both physical controls and the My Recliner™ app. Enjoy full design freedom for a stylish recliner with a smooth, reliable movement system – because every detail matters!

Customisation

Your brand. Your choice.

Find out how you can match our hand controls to your brand and furniture design.





Happy customers bring more business



Watching a happy customer leave the store is a great feeling. No doubt about it. However, watching them return, bringing their friends or family is even better.

We prioritise quality and user-friendly systems for comfort furniture, enhancing the experience for retailers and consumers alike.

Fewer cables, fewer issues

Our actuator systems are highly reliable, built from top-quality parts and extensively tested. For recliners, we use serially connected actuators without a control box, minimising cables that can cause quality issues.

Store with confidence

The new battery BA002 allows for storage without discharging during downtime. The wireless Bluetooth® control also enters sleep mode to conserve battery*.

Damage prevention

Our wall-wired systems are designed to fit various power inlets and prevent damage. The safety release cable on charging points CP001 and CP002, along with the magnetic CP003, ensures that the cable will simply release if pulled.

Intuitive comfort

Adjusting your chair for optimal comfort is simple and intuitive with our thoughtful design.

* The BA002 has 3 year warranty





My Recliner™ app

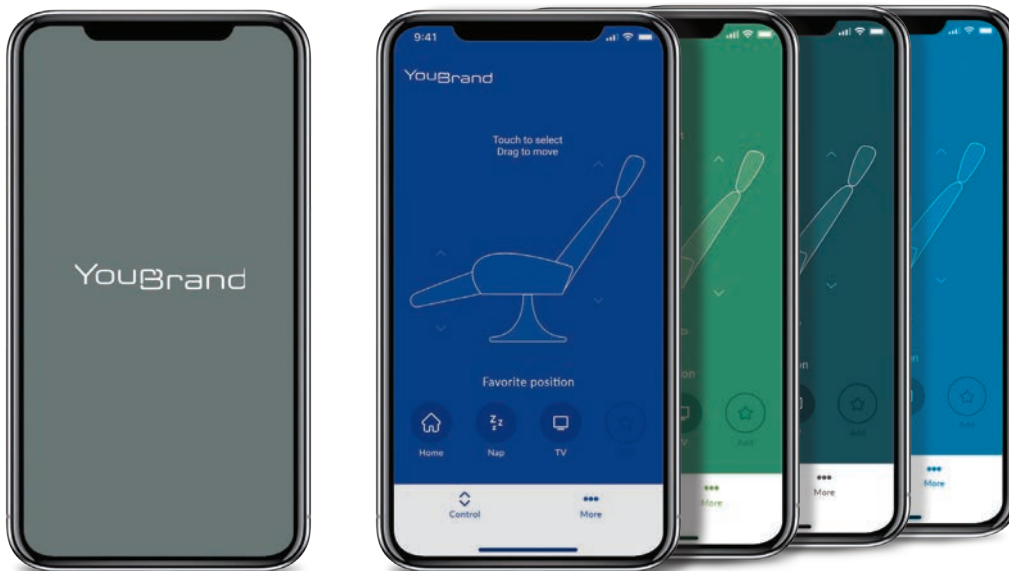
My Recliner™ app

Control the recliner with an app by connecting the app and recliner system via Bluetooth® technology.

With the My Recliner™ app you can offer your customers even more options for control. Even make your own app by simply customising it with your

colours, logo and links to your webpage. You can also define which functionalities should be available as basic functionalities.

- **Adjust LINAK recliner systems**
- **Possible premium features**
- **Available for iOS and Android**



LINAK actuator systems for recliners without battery

Wired solution:
When you choose a wired system you simply add the Bluetooth® dongle to the LA10 actuator to enable wireless control.

Linear actuator



LA10

- Max. load: 3,500 N
- Stroke length: 25 - 300 mm
- Speed: up to 16 mm/s (for 6 mm spindle pitch)
- Soft start/stop

Control



BP20

- Wireless
- Control 2 channels
- Integrated control panel
- Exchangeable batteries

Control



BP10

- Wireless
- Control 1, 2 or 3 channels
- Magnetic mounting options
- Exchangeable batteries

Power supply



Power supply

- External power supply
- Universal unit
- 0.1 W standby power

Accessories



Bluetooth® dongle

- Connects the control to the actuator system via Bluetooth® technology
- Small and compact



Charging point

- Multiple versions
- Connects the chair to power outlet
- Choose between jack stick and magnetic connection

LINAK actuator systems for recliners with battery

Linear actuator



LA10

- Max. load: 3,500 N
- Stroke length: 25 - 300 mm
- Speed: up to 16 mm/s (for 6 mm spindle pitch)
- Soft start/stop

Control



BP20

- Wireless
- Control 2 channels
- Integrated control panel
- Exchangeable batteries

Battery solution:
When you choose a battery operated system you do not need a Bluetooth® dongle, as the battery offer the same integrated feature - and enables the system to connect to a wireless control.

Control



BP10

- Wireless
- Control 1, 2 or 3 channels
- Magnetic mounting options
- Exchangeable batteries

Power supply



Power supply

- External power supply
- Universal unit
- 0.1 W standby power

Accessories



Charging point

- Multiple versions
- Connects the chair to power outlet
- Choose between jack stick and magnetic connection



BA002 Battery box

- Deep sleep mode
- Up to 100 cycles/charge
- Designed to mitigate consequences in the unlikely case of cell failure
- 3 year warranty



Actuator systems for recliners

For more information about recliners - please visit our website: linak.com/HOMELINE





For further information, please visit our website:
LINAK.COM/BUSINESS-AREAS/COMFORT-FURNITURE/

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QUALITY

Built by market leading experts, using state-of-the-art technologies and perfected production methods, you can expect the same quality worldwide.



INNOVATION

Innovation is in our core. We take the lead and have the courage to make it real.



RESPONSIBILITY

We are responsible in what we do – towards customers, employees, and the environment. Creating trust is a natural part of who we are.



**LOCAL
& GLOBAL**

From global presence to local understanding. We believe in world-wide support and being close to our customers.