

BEDDING SYSTEMS



A DewertOkin Technology Brand



**Innovative solutions
for drive & system technology**

www.dewertokin.com

System solutions for bedding applications

Box-spring beds and other bedding applications have to provide gentle positional changes while at the same time being very user friendly. This is achieved by taking advantage of intelligent components. OKIN is the world's leading provider of drive technology for comfort beds. We cover the entire product range for various comfort beds that can be used in mid-range to high-end applications.

Powerful double drives

Bed manufacturers benefit from a wide selection of single and double drives for adjustable beds. As the inventor of the double drive, OKIN has a unique experience in the market. Our powerful OKIMAT drive solutions have different adjustment loads of up to $2 \times 6,5000 \text{ N}$ for the head and foot sections. They are also exceptionally energy efficient and safe. The integrated triple electronic overload cut-off mechanism in the OKIMAT 4 IPS protects the double drive from overuse – thus ensuring safe operation. The motors are maintenance-free.

Your reliable partner for project planning

OKIN always works with the customer in mind, so we can provide you with the ideal drive solution. We consider all relevant factors in advance: including the best type of drive for your application, the required stroke, and the option for an individual cable-based handset or a wireless hand-held transmitter. We also implement complex systems for bedding applications. Here, we tailor all components exactly to the bed and even design customized control keypads. All OKIN end products are tested intensively in our in-house laboratory. We ensure quick delivery times and have a worldwide sales network that supports our customers regarding all after-sales issues.

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Business solutions

Reliable technology for adjustable beds

Electrically adjustable beds ensure outstanding comfort in everyday life and turn your own bedroom into an oasis of well-being. The key features for this type of bed are the smooth changes in position and the excellent user-friendliness. This is achieved by taking advantage of the intelligent components provided by OKIN. OKIN is the world's leading supplier of drive technology for motorized adjustable beds. The OKIN brand encompasses a broad portfolio for users – with products that can be used for mid-range and high-end applications.



Comfort beds

A modern, stylish design is combined with optimum sleeping comfort and individually adjustable movement profiles. End users benefit from the gentle adjustments of the

sleeping, reading or sitting positions and extras such as an optional relaxing massage function, practical floor lighting and convenient operations via smartphone app.



Box spring beds

A comfortable mattress and relaxing environment are important, but the technology integrated into a box spring bed is also essential for ergonomic positioning and reliable functionality. Drives for box spring beds should be particularly powerful.

Our single and double drives with a high pushing force move the foot and head sections smoothly and quietly. In addition, our intelligent control units and elegant handsets allow you to create individual movement profiles.

Double drives

The OKIMAT 4 is a powerful, stable, low-maintenance and sustainable double drive for comfort beds/box-spring beds. Users benefit from the fast adjustment speed, the low-noise setting and the convenient operating functionality. Thanks to its high pushing force this drive is ideal for heavy comfort beds and box spring beds.



Wired systems

For Box-Spring Beds or Slatted Frames

OKIMAT 4 IPSe 4500 N



Load capacity	2 x 4500 N
Power	Switch Mode Power Supply (SMPS), 116 W Input 100 – 240 V/AC
Fitting dimensions	Length: 708 mm Height: 105 mm
Features	<ul style="list-style-type: none"> – Triple overload protection – Ecodesign directive 2009/125/EC – < 0.5 W stand-by power consumption – Detachable main cable
Optional	<ul style="list-style-type: none"> – Emergency lowering function – External SMPS (EPS) – External control unit for RF/BT/Memo and under bed light

OKIMAT 4 IPS 6000 N



Load capacity	2 x 6000 N
Power	Switch Mode Power Supply (SMPS), 116 W Input 100 – 240 V/AC
Fitting dimensions	Length: 708 mm Height: 105 mm
Features	<ul style="list-style-type: none"> – Triple overload protection – Ecodesign directive 2009/125/EC – < 0.5 W stand-by power consumption – Detachable main cable
Optional	<ul style="list-style-type: none"> – Emergency lowering function – External SMPS (EPS) – External control unit for RF/BT/Memo and under bed light

RF systems

For Box-Spring Beds or Slatted frames

OKIMAT 4 RF Basic



Load capacity	5500 N / 6500 N
Power	Switch Mode Power Supply (SMPS), 116 W Input 100 – 240 V/AC
Fitting dimensions	Length: 708 mm Height: 105 mm
Features	<ul style="list-style-type: none"> – Triple overload protection – Ecodesign directive 2009/125/EC – < 0.5 W stand-by power consumption – Detachable main cable
Optional	– Emergency lowering function

OM4+2 EPS RF-BT Memory Massage



Load capacity	6500 N
Power	External Switch Mode Power Supply (SMPS) Input 100 – 240 V/AC
Fitting dimensions	Length: 708 mm Height: 105 mm
Features	<ul style="list-style-type: none"> – Triple overload protection – Ecodesign directive 2009/125/EC – < 0.5 W stand-by power consumption – Emergency lowering function
Optional	<ul style="list-style-type: none"> – Integrated RF-BT/Memory – Integrated under bed light – Sockets for 3rd + 4th motor and massage motors – Integrated MFP socket for external LED, USB charger and massage motors

PD UNI



Control units

For Box-Spring Beds or Slatted frames

OKIN RF receivers have a bi-directional 2.4 GHz technology which is completely interference-free. The compact design of our receiver units enables them to be used in space-critical products directly tacked on the OKIMAT 4. This is perfect for electrically adjustable bed systems that have very low construction heights.

RF eco basic

- 2.4 GHz technology



RF ECO BT MEMO

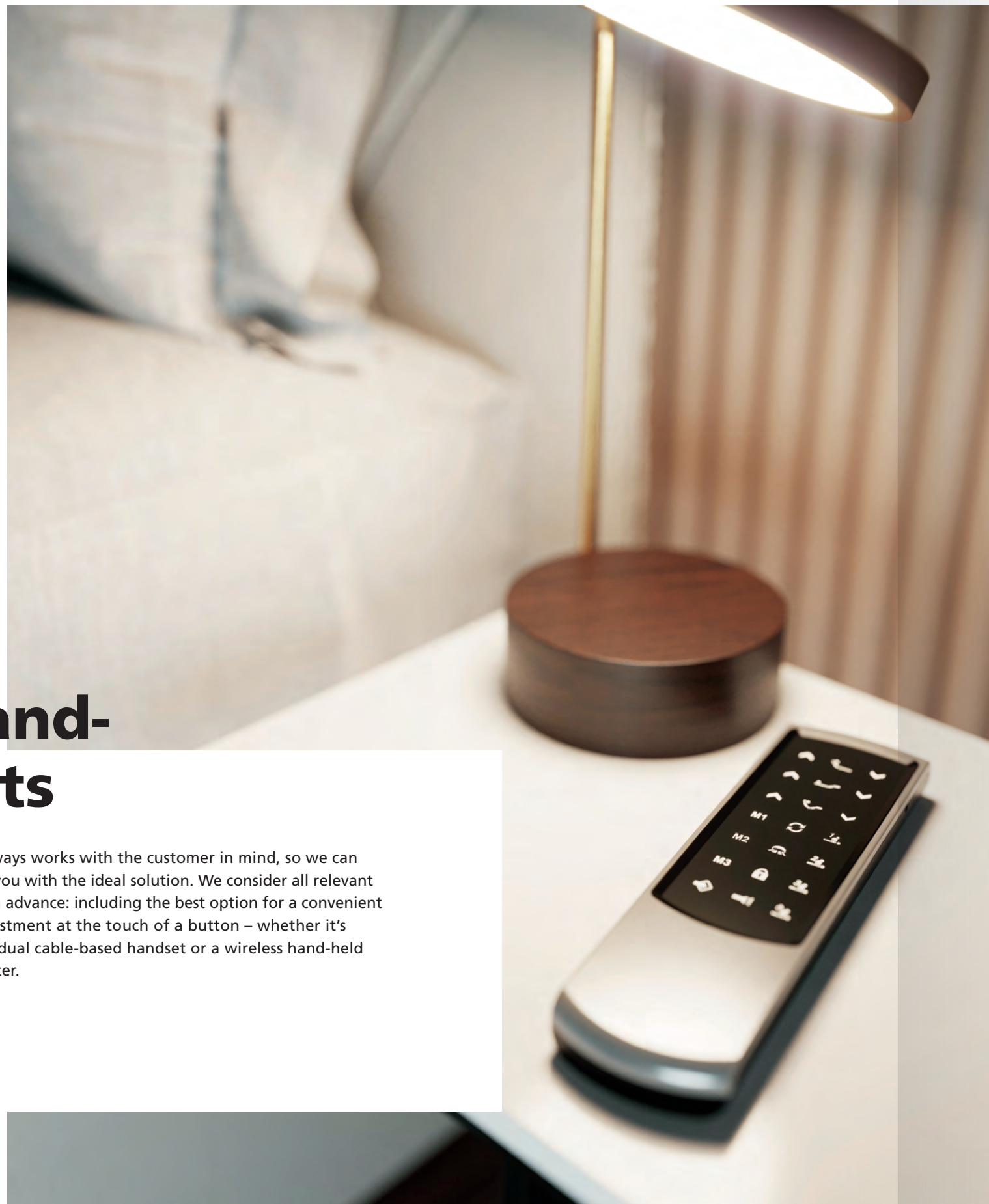
- 2.4 GHz technology
- Bluetooth®
- Underbed light
- Memory integrated



HE 150

- 2.4 GHz technology
- Bluetooth
- Underbed light
- Memory integrated
- MFP socket for external LED, USB and massage motors
- Optional: socket for 3rd and 4th motor





Hand-sets

OKIN always works with the customer in mind, so we can provide you with the ideal solution. We consider all relevant factors in advance: including the best option for a convenient bed adjustment at the touch of a button – whether it's an individual cable-based handset or a wireless hand-held transmitter.

Wireless handsets For all OKIN RF Receivers

OKIN RF handsets stand out in particular for their elegant design: The screwless housing is appealing and flat, ensuring an optimal handling at all times. Thanks to their responsive buttons and high value housing surfaces, the handsets are ideal for bedding applications. Equipped with the OKIN bi-directional 2.4 GHz radio control, the input of commands is always accurate and reliable.

RF eco Basic*



RF Eco



RF Flashline



RF Style



RF Liteline



RF Topline 11



RF Topline 15



RF Touchline



* Only compatible with RF Eco Basic Receiver

Wired handsets

For all direct control systems

Tried and tested easy-to-use handsets with a wired connection. OKIN wired handsets have a robust housing and are designed for high reliability and precise inputs. Equipped with a reset function, the Foreline Pro and Topline handsets can be used for controlling both movements at the same time. Furthermore, both handsets are equipped with a hook on the back side. In addition, the Foreline Pro has an integrated flashlight.

Topline



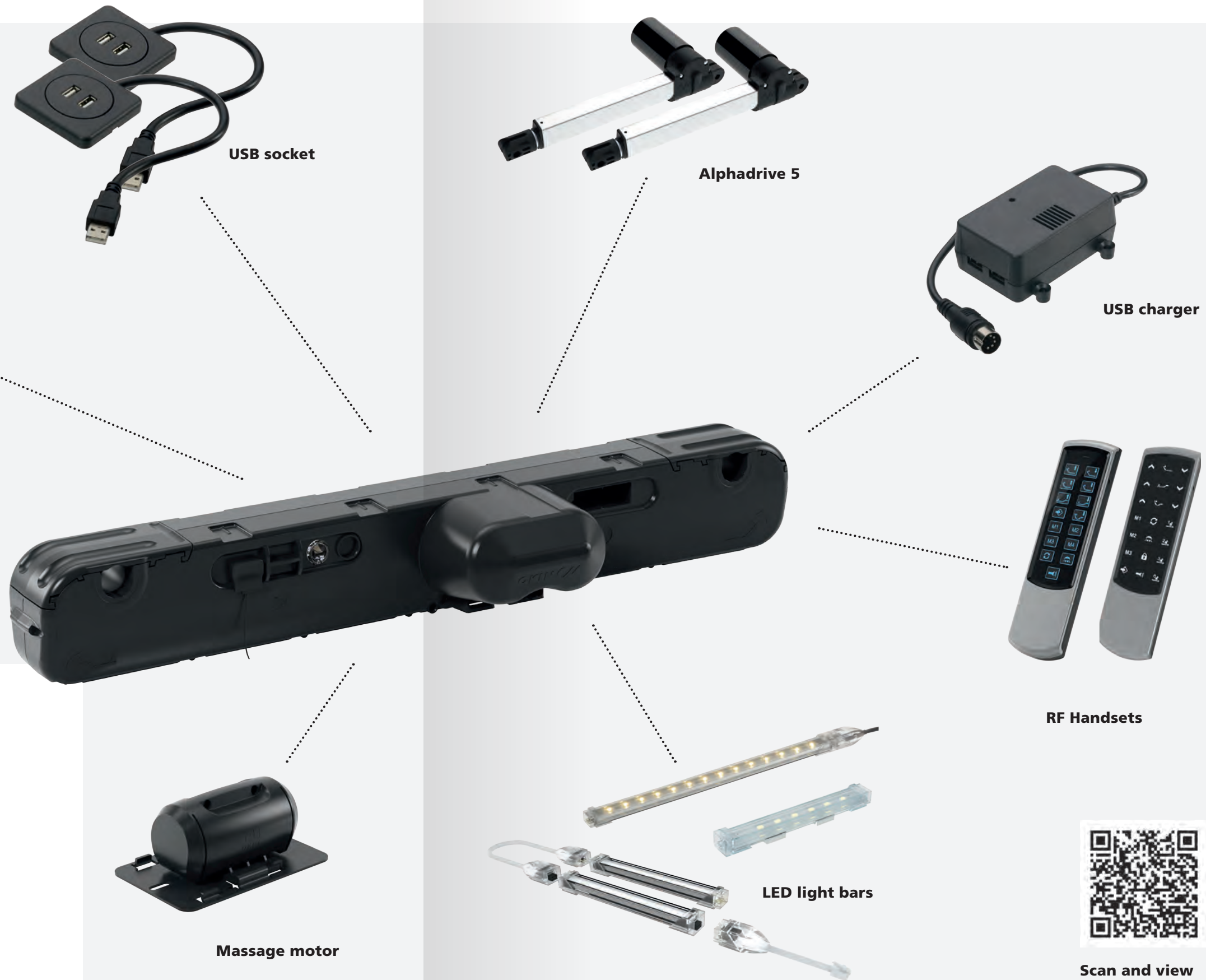
ForelinePro



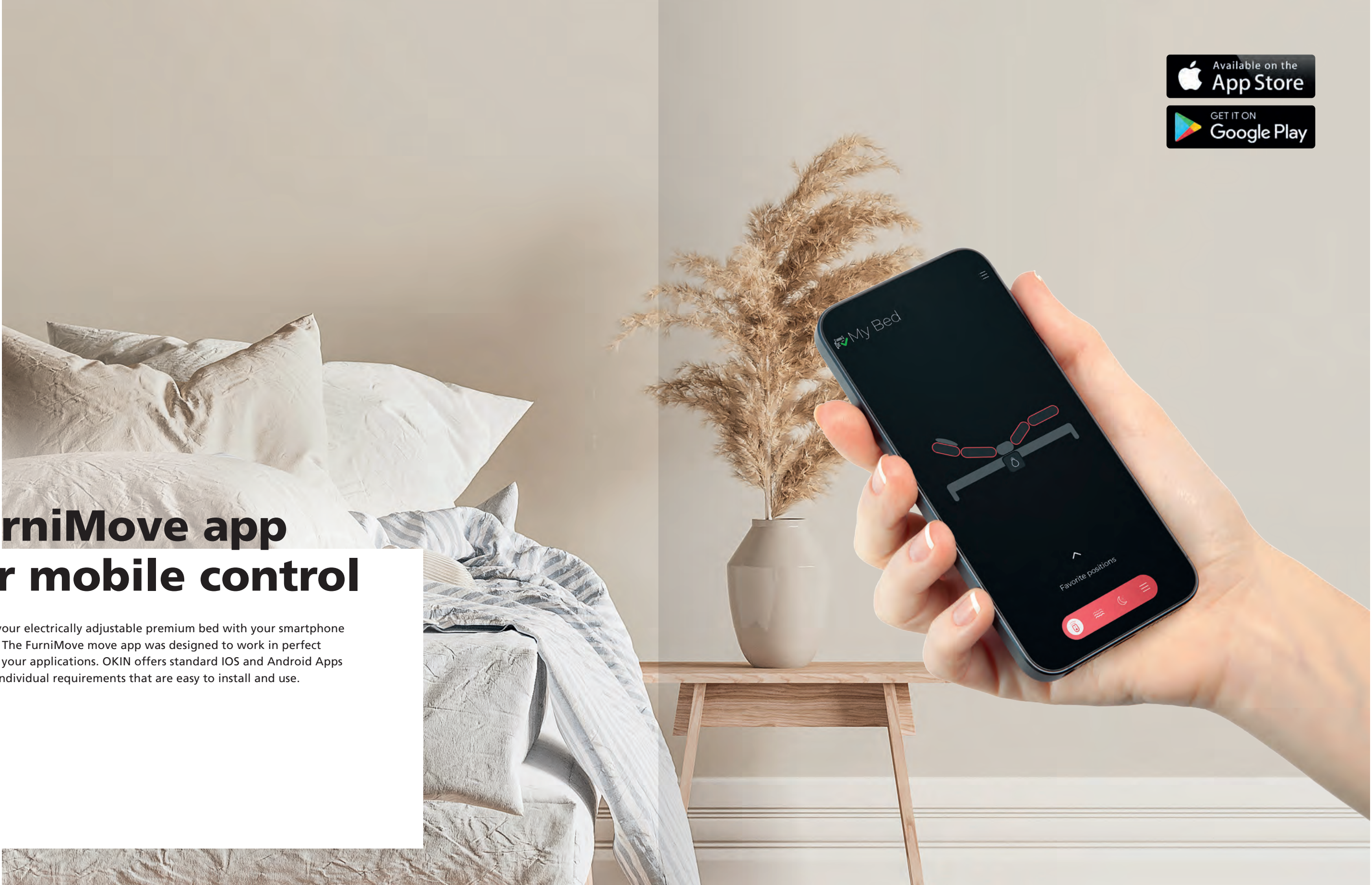
Accessories

On OKIMAT 4+2 EPS RF-BT Memory Massage

OKIN offers a wide range of optional components for adjustable beds. Many of these improve comfort, for example, massage motors, LED lights or USB sockets for charging mobile phones or tablets.



Scan and view
in Augmented
Reality



Available on the
App Store

GET IT ON
Google Play

FurniMove app for mobile control

Operate your electrically adjustable premium bed with your smartphone or tablet. The FurniMove move app was designed to work in perfect sync with your applications. OKIN offers standard IOS and Android Apps for your individual requirements that are easy to install and use.



OKIN Bed Mechanism

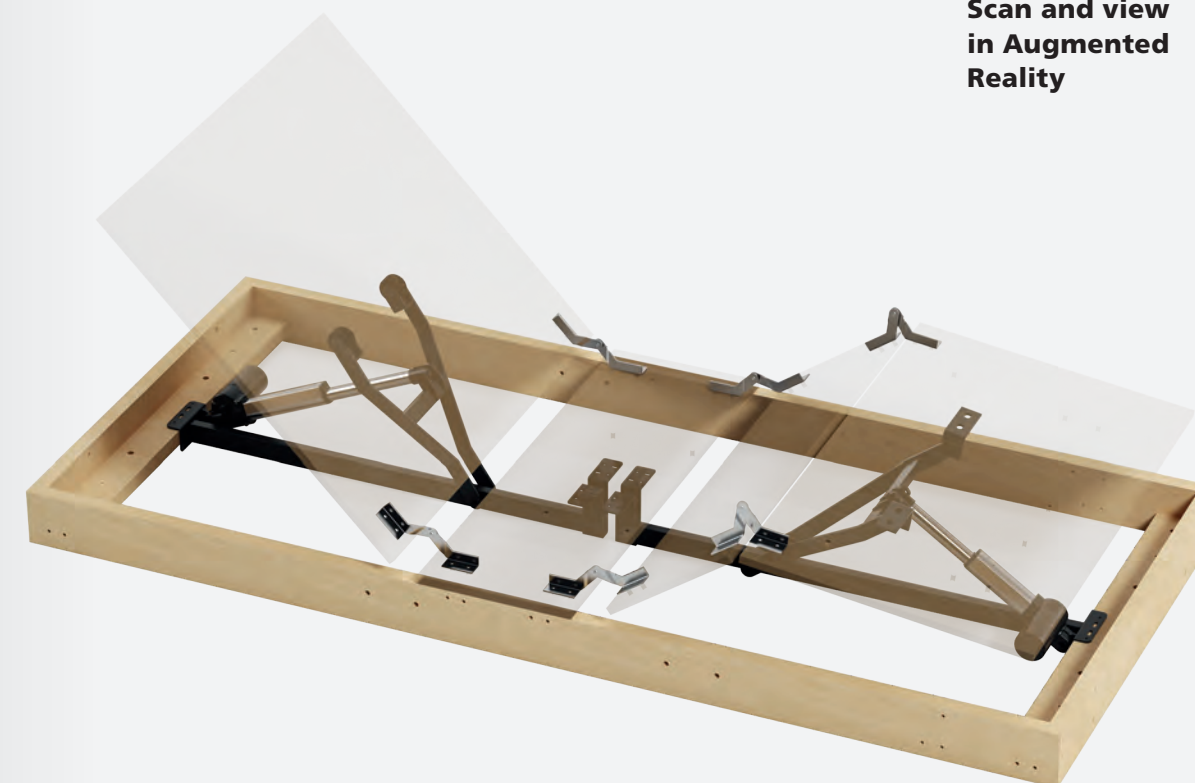
High Quality Integrated Actuator System

The mechanism is ideal for bedding applications with 1-motor systems or 2-motor systems. It is suitable for all standard box spring beds and continental beds. Thanks to separated mechanisms for the head and foot section adjustment as well as a particularly low installation height, the mechanism offers maximum flexibility in the design of motor-driven box spring beds. The complete system is suitable for all common bed widths and lengths. A convenient emergency lowering function via remote control provides additional safety. The OKIN Bed Mechanism is also compatible with a wide range of OKIN control units and remotes and is characterized by particularly simple assembly.

OKIN Bed Mechanism



Scan and view
in Augmented
Reality



Weight capacity	200 kg
Installation height	10.6 cm
Actuator	Alphadrive 5
Switch	Compatible with all OKIN control units and remotes
Power supply	PD21_100 – 240V/AC

DewertOkin Technology Group Co., Ltd.



A DewertOkin Technology Brand

DewertOkin GmbH is an internationally recognized manufacturer of drive, system and mechanism technology.

Our company is part of the DewertOkin Technology Group headquartered in JiaXing Zhejiang, China. We maintain the brands OKIN and Dewert for the linear drives. They are widely used in smart furniture (such as motion upholstery, massage chairs, theatre seating, recliners and adjustable beds), medical applications (such as medical and nursing beds) and adjustable office desk control systems. We are a main partner for several major furniture factories. Our goal is to provide complete smart furniture solutions worldwide.



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