

# BEDDING SYSTEMS



A DewertOkin Technology Brand



- GLOBAL LEADER OF BEDDING ACTUATOR SYSTEMS
- DESIGNED AND ENGINEERED IN GERMANY
- WIDE RANGE OF HIGH QUALITY PRODUCTS
- INNOVATIVE ACTUATORS, CONTROL UNITS AND ACCESSORIES

# 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 x 6,5000 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 and smartphone apps. 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.

# OKIN PRODUCT OVERVIEW

## 1. Double drives - wired systems and RF systems

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## 2. Control units

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## 3. Handsets

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## 4. Accessories

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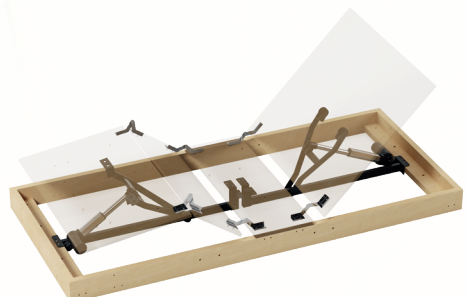
## 5. OKIN apps for mobile control

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## 6. OKIN Bed Mechanism 100

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# WIRED SYSTEMS

FOR BOX-SPRING BEDS OR BED FRAMES

## OKIMAT 4 IPSe 4500 N



**Load capacity**  
**Power**

2 x 4500 N  
Switch Mode Power Supply (SMPS), 116 W  
Input 100-240 V/AC

**Fitting dimensions**

Length – 708 mm  
Height – 105 mm

**Features**

- Triple overload protection
- Ecodesign directive 2009/125/EC
- < 0.5 W stand-by power consumption

**Optional**

- Detachable main cable
- Emergency lowering function
- External SMPS (EPS)
- External control unit for RF/BT/Memo and under bed light

## OKIMAT 4 IPS 6000 N



**Load capacity**  
**Power**

2 x 6000 N  
Switch Mode Power Supply (SMPS), 116 W  
Input 100-240 V/AC

**Fitting dimensions**

Length – 708 mm  
Height – 105 mm

**Features**

- Triple overload protection
- Ecodesign directive 2009/125/EC
- < 0.5 W stand-by power consumption

**Optional**

- Detachable main cable
- Emergency lowering function
- External SMPS (EPS)
- External control unit for RF/BT/Memo and under bed light

# RF SYSTEMS

FOR BOX-SPRING BEDS OR BED FRAMES

## OKIMAT 4 RF BASIC



**Load capacity**  
**Power**

5500 N / 6500 N  
Switch Mode Power Supply (SMPS), 116 W  
Input 100-240 V/AC

**Fitting dimensions**

Length – 708 mm  
Height – 105 mm

**Features**

- Triple overload protection
- Ecodesign directive 2009/125/EC
- < 0.5 W stand-by power consumption
- Detachable main cable
- Emergency lowering function
- Integrated under bed light

**Optional**

## OM4+2 EPS BT MEMORY MASSAGE



**Load capacity**  
**Power**

5500 N / 6500 N  
External Switch Mode Power Supply (SMPS)  
Input 100-240 V/AC

**Fitting dimensions**

Length – 708 mm  
Height – 105 mm

**Features**

- Triple overload protection
- Ecodesign directive 2009/125/EC
- < 0.5 W stand-by power consumption
- Emergency lowering function
- Integrated BT/Memo
- Integrated under bed light
- Sockets for 3rd + 4th motor and massage motors
- Integrated MFP for external LED USB charger

**Optional**



PD UNI

# CONTROL UNITS

## FOR BOX-SPRING BEDS OR BED FRAMES

OKIN RF receivers have a bidirectional 2.4 GHz RF technology. Thanks to this completely interference-free radio system patented by OKIN, signals from any wireless RF handset are reliably transmitted at all times. 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**



**RF ECO BT MEMO**

Bluetooth®  
Underbed light  
Memory integrated



**HE 150**

# HANDSETS – WIRED

## FOR ALL OKIMAT 4

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 Toplevel 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.



**Toplevel**



**ForelinePro**

# HANDSETS – WIRELESS

COMPATIBLE WITH OKIN RF ECO AND RF ECO BT RECEIVER

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 Liteline**



**RF Flashline**



**RF Style**



**RF Topline 11**

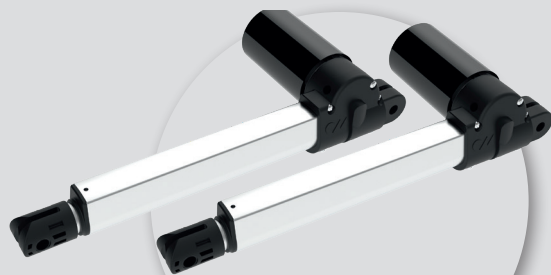


**RF Topline 15**



**RF Touchline**

# ACCESSORIES ON OKIMAT 4+2 EPS BT MEMORY MASSAGE



Alphadrive 5



USB socket



Power down box  
for emergency  
lowering



LED light bars



Massage motor



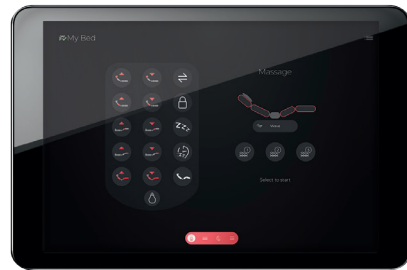
# OKIN-APPS

## MOBILE CONTROL

Operate your electrically adjustable premium bed with your smartphone or tablet. The OKIN move app was designed to work in perfect sync with your applications. It is easy to install and use. Users can also make support claims for their product directly in the app. OKIN offers standard iOS and Android Apps as well as customized versions for your individual requirements – including settings, logos, texts, colors and much more.



USB charger



RF Handsets



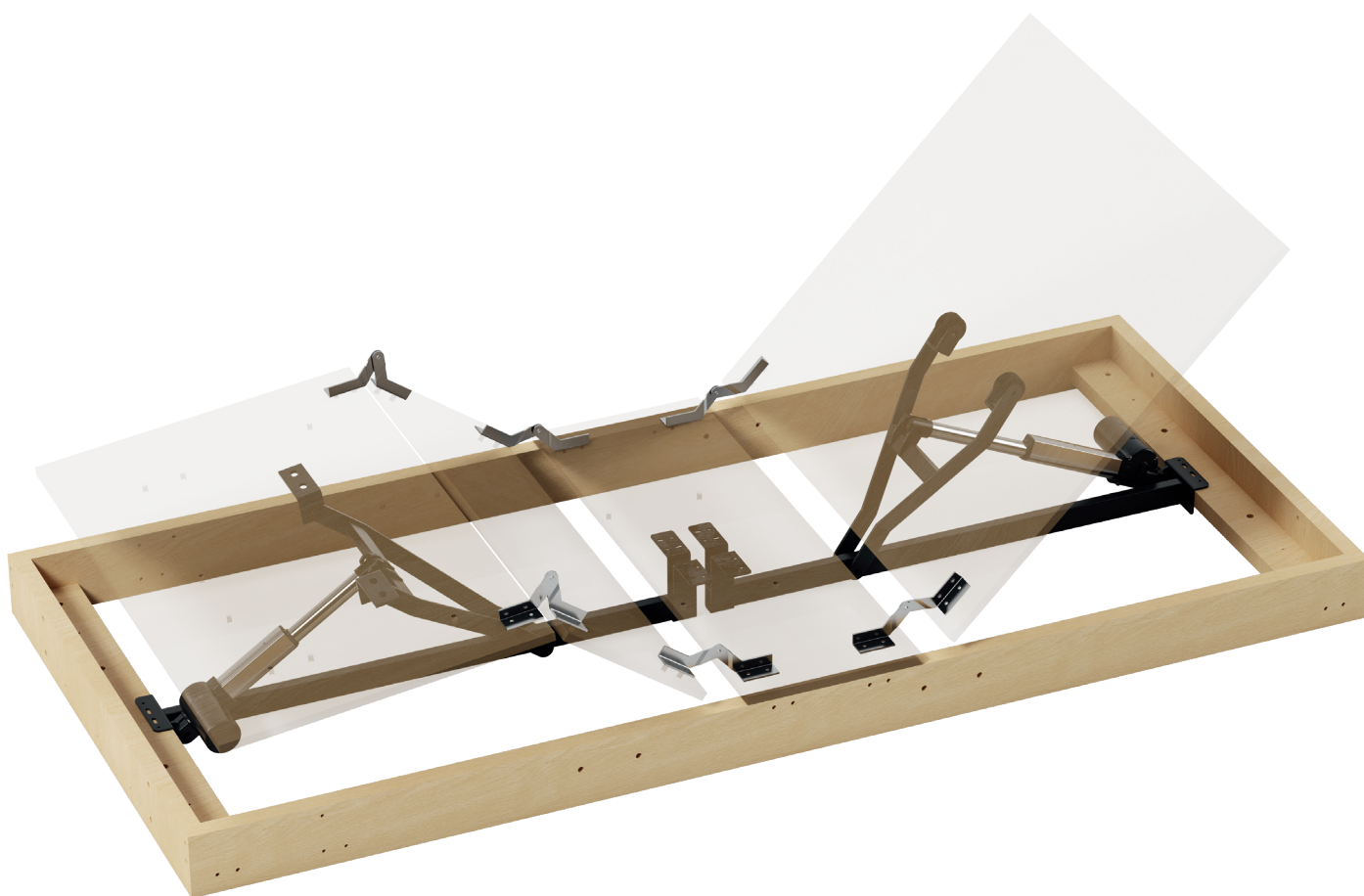
Offline voice control



# OKIN BED MECHANISM 100

## 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 of 10.6 cm, 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 OBM100 is also compatible with a wide range of OKIN control units and remotes and is characterized by particularly simple assembly.



<b>Weight capacity</b>	200 kg
<b>Installation height</b>	10,6 cm
<b>Actuator</b>	Alphadrive 5
<b>Switch</b>	Compatible with all OKIN control units and remotes
<b>Power supply</b>	PD21_100-240V/AC



# DEWERTOKIN TECHNOLOGY GROUP CO., LTD

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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