

BEDDING SYSTEMS



A Phoenix Mecano Brand



- GLOBAL LEADER OF BEDDING ACTUATOR SYSTEMS
- DESIGNED AND ENGINEERED IN GERMANY
- PRODUCTS MANUFACTURED IN EUROPE
- 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 an unique experience in the market. Our powerful OKIMAT drive solutions have different adjustment loads of up to 2 x 6,000 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. OKIMAT 4 series for box spring beds or bed frames



2. Handsets – wired for all OKIMAT 4 units



3. RF receiver for box spring beds or bed frames



4. Handsets – wireless for OKIN RF receivers



5. Upgrade control unit HE150



6. OKIN apps for mobile control



OKIMAT 4 IPS 6000 N

FOR BOX-SPRING BEDS



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 • Emergency lowering function • External SMPS (EPS) • Integrated RF/BT/Memo • Integrated under bed light
Optional	

OKIMAT 4 IPSE 4500 N

FOR BED FRAMES



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 • Emergency lowering function • External SMPS (EPS) • Integrated RF/BT/Memo • Integrated under bed light
Optional	

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 Baseline 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.



Control Unit	Relay-free control
Color	Black
Buttons	6
No. of actuators	For 2 actuators incl. reset function
Protection Type	IP20

RF RECEIVER


FOR BOX-SPRING BEDS OR BED FRAMES

OKIN RF receivers have a bidirectional 2.4 GHz RF technology. Thanks this completely trouble-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 
Bluetooth® integrated
Underbed light
optional Memo

Connection	RF technology 2.4 GHz bidirectional
Security	Emergency lowering function
Power	Standby < 0.5 W
Communication	Easy Pairing, also for a second receiver
Certification	RED

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
only with
RF eco basic
receiver



RF Eco



RF Liteline



RF Toplevel



RF Style



RF Touch



RF Touchline

Connection	RF technology 2.4 GHz bidirectional
Protection Marking	IP20
Compatibility	Combinable with all OKIN bedding systems
Option	Customizable Buttons Customer-specific printings
Certification	RED

SYSTEM EXAMPLE MODULAR

OKIMAT 4 WITH HE150



OKIN-APPS

MOBILE CONTROL

Operate your electrically adjustable premium bed with your smartphone or tablet. OKIN apps are designed to work in perfect sync with your applications. They are easy to install and use. Our apps reflect more functions compared to the RF handset and offer a new way of operation. OKIN offers standard iOS and Android Apps as well as customized versions for your individual requirements.



UPGRADE

CONTROL UNIT HE150 FOR OKIMAT 4

The HE150 control unit has been designed for high performance. Up to four drives can be connected to the control unit for electrically adjustable beds; this enables complex, customized motions to be carried out. Thanks to its compact design without visible screws, the HE150 offers great design freedom, can be tacked directly to the OKIMAT 4 and is the perfect choice especially for applications that have very low construction heights.



Connection

Integrated 2.4 GHz Radio Frequency receiver
bidirectional, interference-free
Integrated Bluetooth® receiver

No. of actuators

Up to 4 actuators

Sockets for

external LED light
HE300 SMPS
USB charger

Memory

Patented ripple count technology

Communication

Parallel operation of 2 systems

Light

Integrated under bed illumination, 2 LEDs

Optional

Massage function

OKIN

We at OKIN are convinced of the importance of confidence in a good working relationship – confidence in the product, confidence in the manufacturer. That's why we provide professional, authentic and visionary services based on partnership from the very start. We will develop and implement new ideas together with you to ensure success in your products. Apart from our standard components, we also develop bespoke drive solutions for a wide variety of applications. Exceptionally high quality is always a key factor in our work. OKIN products are designed and engineered in Kirchlegern, Germany and produced in Kecskemet, Hungary.




PHOENIX MECANO

Phoenix Mecano Group

OKIN is a member of the Phoenix Mecano Group, Mechanical Components division. The Phoenix Mecano Group is a global technology company with more than sixty locations on six continents. As a OKIN customer, you benefit from the rapid response times of a highly agile worldwide distribution network.