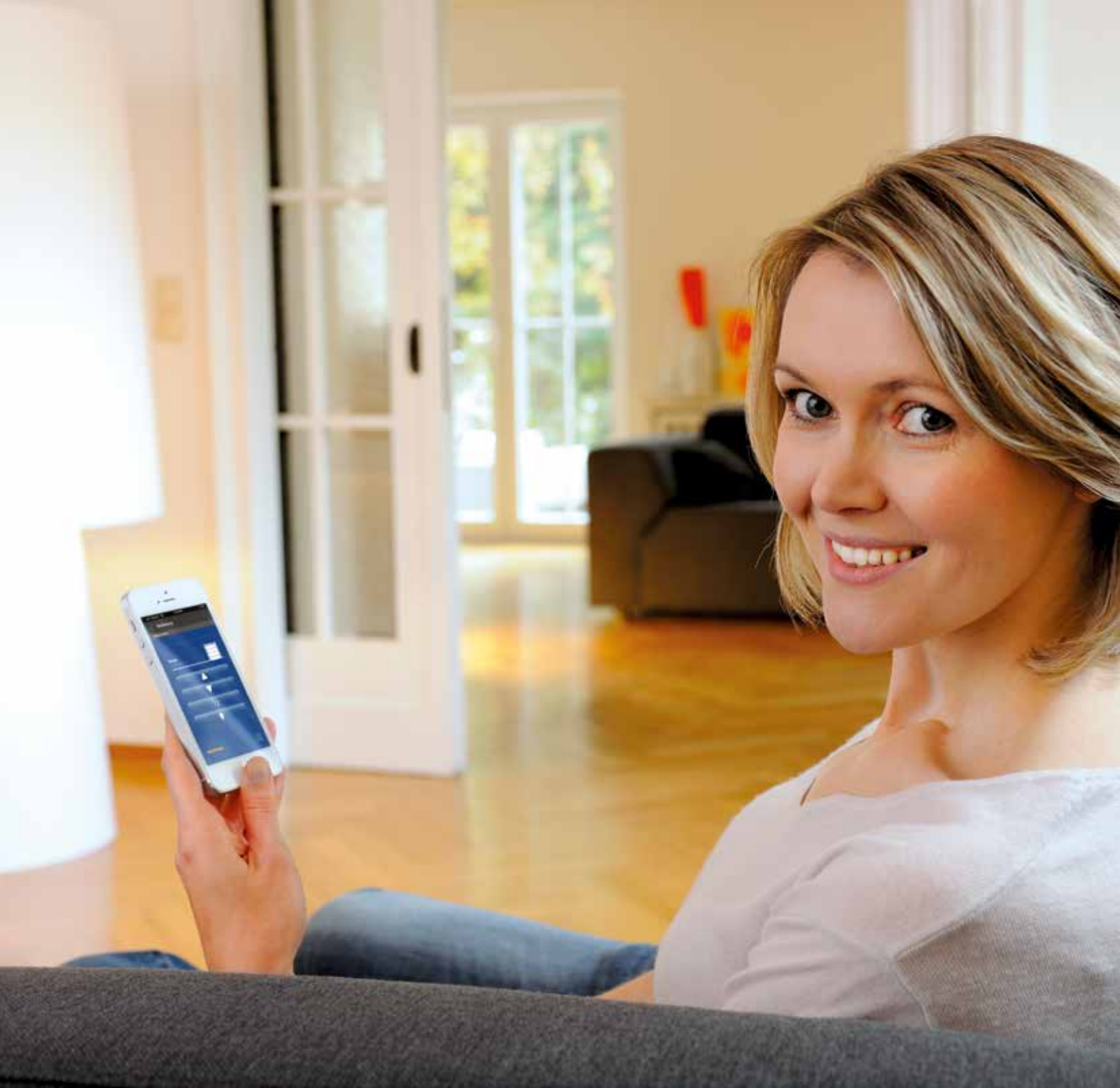




BiSecur SmartHome

Convenient and secure living

HÖRMANN

Make your house ready for the future – with BiSecur SmartHome

With the innovative Hörmann BiSecur SmartHome technology, you can open and close your doors and gates even more conveniently. At any time of day or night, from anywhere around the world – by simply using your smartphone or tablet. The BiSecur Gateway transmits the commands to the BiSecur radio receivers or operators via Internet or home network. BiSecur SmartHome is also particularly secure, easy to operate and can be extended to many areas of your house, such as lighting or electrical devices.

Experience the technology that opens entirely new possibilities.





“A good reputation must be earned.”

August Hörmann

In line with the founder's philosophy, the Hörmann brand today is a true promise of quality. The family-owned company has over 80 years of experience in door and operator construction and, with sales of over 20 million doors, is no. 1 in Europe. This makes a Hörmann SmartHome solution a reassuring purchase.



1 Brand quality “Made in Germany”

All doors and operator components are **developed and manufactured** by Hörmann, are perfectly matched to each other and tested and certified by independent, recognised institutes to ensure your safety. They are manufactured in Germany according to the DIN ISO 9001 quality management system and meet the requirements of European standard 13241-1. Furthermore, our highly qualified employees work intensively on new products, continual further developments and improvements to details. The results are patents and one-of-a-kind products you can depend on.



2 Operators and accessories for generations

Endurance tests under real conditions ensure mature series products with Hörmann quality. Thanks to excellent technical solutions and uncompromising quality assurance, you can enjoy Hörmann products for many years to come.

3 An eye on the future

Hörmann is setting a good example. This is why the company has obtained **over 70 % of its required energy from green sources** and will continue to increase this percentage. At the same time, many tonnes of CO₂ are saved each year thanks to the introduction of an intelligent and certified energy management system. And last but not least, Hörmann offers products for sustainable construction. Find out more about Hörmann's environmental activities in the "We Think Green" brochure.



4 BiSecur radio system with certified security



The bi-directional radio system BiSecur is based on **future-oriented technology** for the convenient and secure operation of garage and entrance gate operators, door operators, lights and more. This extremely secure BiSecur encryption protocol, developed by Hörmann, with a stable, interference-free range makes sure that no-one can copy your radio signal. It was tested and certified by security experts at Bochum University.



Take a look at the video at:
www.hoermann.com/en/videos



5 Perfectly matched and 100 % compatible

All BiSecur operators, receivers and control elements are 100 % compatible. Using a hand transmitter or radio code switch, for example, you can conveniently operate your garage door as well as entrance gate equipped with a Hörmann operator, your door operators or other devices with BiSecur receivers.



6 Convenient querying of the door position

You no longer have to go out in all kinds of weather to check if your gate is closed. At the press of a button, the colour of the LED on the HS 5 BS hand transmitter indicates the position of the door. If required, another push of a button*** closes the door. It is the most comfortable and secure way to control your door.

*** An additional photocell is required for operation without visual contact to the door.

7 Award-winning design

In addition to a black or white design, the **exclusive BiSecur hand transmitters** are characterised by an elegant shape that fits easily in the palm of your hand.

Hörmann's BiSecur hand transmitters with an optional high-gloss surface in a piano lacquer look have received the reddot design award for their exclusive design.



Take a look at the video at:
www.hoermann.com/en/videos



Figure above: HS 5 BS hand transmitter with hand transmitter station (optional).



8 Worldwide control using your smartphone

With BiSecur SmartHome you can operate your **doors, gates and electric devices** even when you are absent. With just a glance at your smartphone you can also check at any time if your door is open or closed or if an electric device is switched on or off. Another advantage of this system: you can flexibly and spontaneously simulate your presence **at any time of day or night**, e.g. by controlling the lighting. This scares potential thieves off more effectively than for example a static simulation with a timer.

9 Comprehensive security

Of course, it is also safe to operate your door without visual contact: the reliable **automatic safety cut-out** securely stops the door if it encounters an obstacle. The combination of photocell and power limit, together with the high Hörmann security standards, offers the best possible protection.



10 Convenient operation and top-quality service

We are convinced: a technology is truly practical when it **comprehensibly facilitates the everyday as well as impresses with the details**. The installation and operation of the free BiSecur SmartHome app on your smartphone or tablet is therefore very simple. Thanks to a well thought-out user interface, you have a comprehensive overview of all doors, gates and electric devices in the system at your fingertips.

In order to ensure the protection of your data, we only work with companies which guarantee high security standards and who have their **servers located in Germany**. If you ever require assistance, you can clarify your concerns directly in the app with the integrated customer support, our employees will quickly and personally assist you. **Using the Hörmann BiSecur app, Hörmann portal and customer support is of course free of charge.**





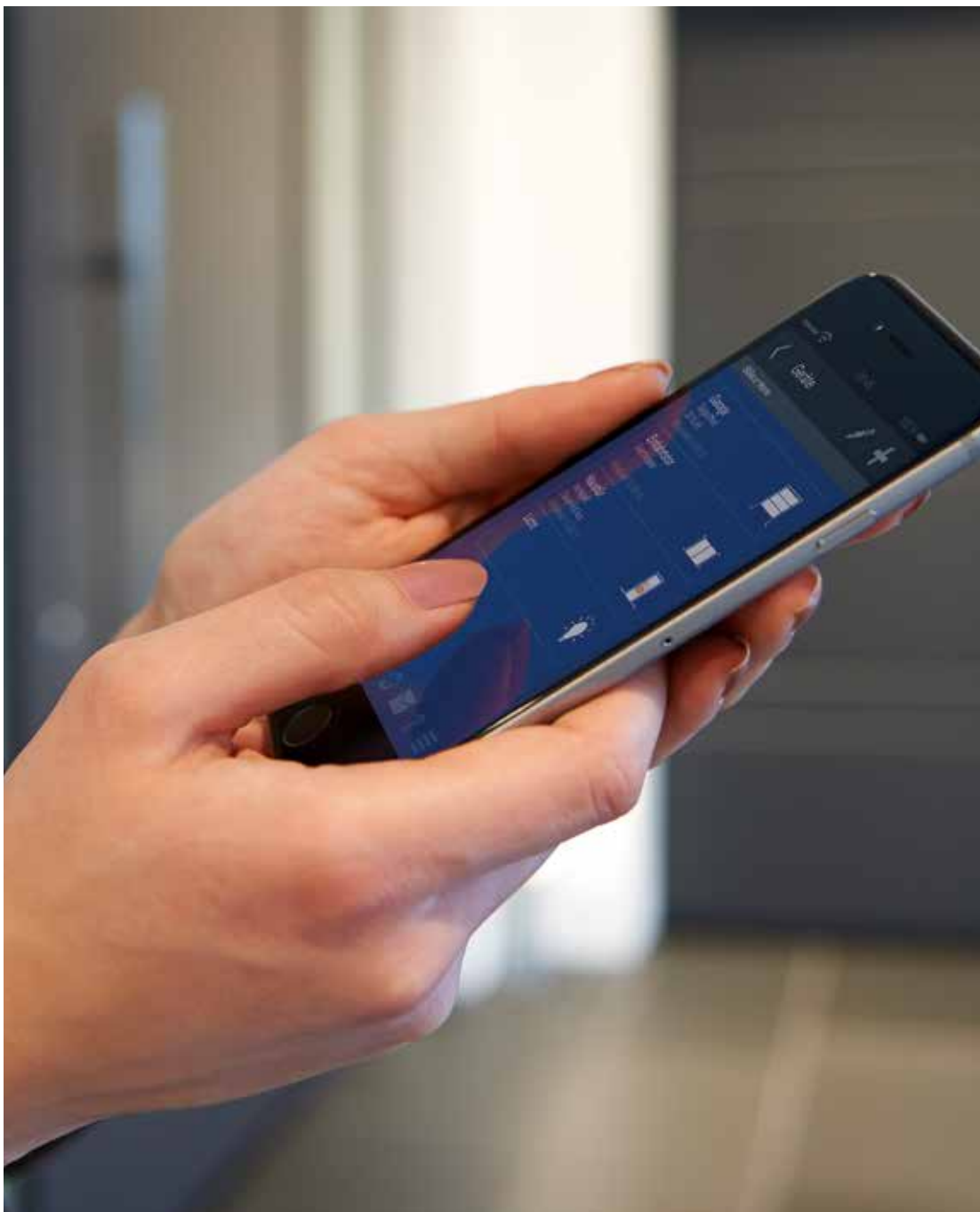
Easy operation: smart, at any time and worldwide

You can conveniently operate all Hörmann operators and radio receivers with your hand transmitter and radio button. With the optional BiSecur Gateway it is also possible to control all radio components by smartphone or tablet.

System components overview:

- 1 BiSecur gateway
- 2 WLAN router with Internet access
- 3 Radio finger-scan FFL 12 BS e.g. for operating garage door operators
- 4 Garage door operator SupraMatic / ProMatic
- 5 Entrance gate operator RotaMatic / VersaMatic / LineaMatic
- 6 Radio code switch FCT 3 BS / FCT 10 BS e.g. for operating entrance door operators
- 7 Entrance door operator EC-Turn
- 8 Internal door operator PortaMatic
- 9 Radio internal push button FIT 5 BS e.g. for operating radio socket receivers or internal door operators
- 10 Radio socket receiver FES 1 BS for connection of electrical devices and lighting for indoor use
- 11 Radio relay receiver HER 1 BS protected from the weather for connection of electrical devices and lighting for outside use





Your smartphone as a substitute key

With BiSecur SmartHome, you and your family can easily open your entrance door with a smartphone. You can grant access to your house or garage for up to 10 people. Your children or spouse do not need to carry a key if you have your smartphone.





Enjoy your holiday with peace of mind

With BiSecur SmartHome you can check the locking state of your entrance door and the position of your garage door and entrance gate from anywhere in the world. So you can be sure that your home is locked securely. And if you want to allow someone into your house or garage while you are absent, you can conveniently and remotely open and close your gates and doors.



Grant access individually

You can determine which people can access your house or garage. Your household help or neighbour, e.g. during holidays, do not need their own key, but can just download the free BiSecur App on their smartphone. You can then very easily grant the appropriate access rights, which can simply be deleted later or flexibly deactivated for a specific time period.

Conveniently switch lamps on and off

It is also easy to integrate your lamps in the BiSecur SmartHome System – with the Hörmann socket receiver. This allows you to operate your lighting just as easily e.g. with a radio internal push button. Another advantage: you can control up to 4 receivers or gate and door operators with the same radio internal push button.



Live independently in your own home

Open and close your internal doors via a hand transmitter or radio internal push button with the door operator PortaMatic. A real benefit, particularly if you have physical impairments. Get back a piece of your quality of life, as you are able to independently move around in your home.



Switch electrical devices on and off

With BiSecur SmartHome, you can check the status of electrical devices connected to a Hörmann socket receiver even when you are on the go, conveniently on your smartphone. You can check, for example, if the reading lamp in the living room is still lit. You can easily switch these devices on or off as you wish.



Operate gardening equipment

Gardening equipment, such as the pump for a sprinkler, can be connected to a weather-proof relay receiver. It can also be controlled with the smartphone. You can water your lawn as needed even when you are not home.





Come home safely and stress-free

Connect multiple functions to your personal evening home arrival scenario: your entrance gate and garage door are already open and you can drive into your garage without stopping. The lighting in the yard is on and the house is already brightly lit and when you open your entrance door you hear your favourite music. Of course you can set even more individual scenarios, such as "Departure". You can close all gates and doors with a single push of the button. It doesn't get any more convenient than this.



Finishing off the day stress-free

Scenarios also simplify your life inside the home: all your lamps, TV and Hi-Fi devices connected to a socket receiver can be switched off by just pressing a button on your smartphone and you can go to bed completely relaxed. And the best thing is: you can conveniently turn off everything from the comfort of your bed.



Convenient living

BiSecur SmartHome simplifies your life: open your internal doors with the PortaMatic operator with a hand transmitter or radio internal push button and you can now carry full trays, heavy crates of beverages or your shopping bags into your rooms unhindered.

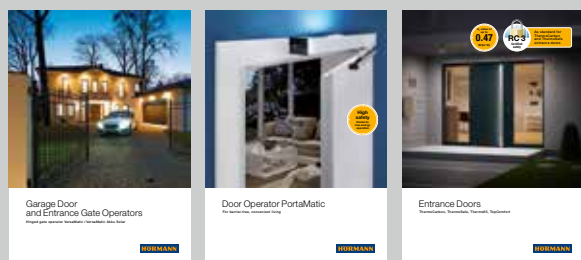


Easy retrofitting

With the BiSecur radio system, you can choose how you want to control the operators or socket receivers in your home. Whether you use a stylish hand transmitter or an elegant radio internal push button: you don't need to lay any cables for your switches. So you don't need to lay any cables for your switches. This is an important advantage especially in rental apartments.

100 percent compatible

Hörmann operators and accessories feature innovative technology, exclusive design and 100 % compatibility – everything fits together perfectly. With the various control elements such as hand transmitters, radio buttons or the BiSecur app you can operate your garage door operator, your entrance gate operator, your Hörmann entrance door and your internal doors with operators as well as other electrical devices in combination with the BiSecur radio receivers.



More information can be found in the brochures Garage and Entrance Gate Operators, Door Operator PortaMatic as well as Entrance Doors.





SupraMatic

The supra-fast operator with many additional functions

With the combination of speed and convenience, your garage door opens faster, allowing quicker access from the street into your garage. The SupraMatic has many additional functions, such as being able to switch the operator lighting on and off with your hand transmitter, and the convenient option of an additional opening height to ventilate your garage.



ProMatic

The inexpensive starter model as an introduction to Hörmann's premium quality

ProMatic garage door operators feature the same proven Hörmann technology as all Hörmann premium operators. This guarantees reliable function – at an attractive price.



PortaMatic

Open and close doors effortlessly

With Hörmann door operator PortaMatic, you can open and close your timber and steel internal doors automatically via hand transmitter or button. The door operator PortaMatic features not only an array of functions and settings, but also minimal power consumption.



EC-Turn

For barrier-free entrances

ThermoSafe and ThermoCarbon entrance doors can optionally be equipped with the door operator EC-Turn. With the automatic lock S5 Smart (ThermoSafe) or S7 Smart (ThermoCarbon) and the door operator EC-Turn, you can automatically open and close your door.



RotaMatic

The slim operator with an elegant appearance

Thanks to its modern, slimline design, Hörmann's RotaMatic hinged gate operator is the perfect partner for your beautiful hinged gate. Just like the design, the functional and safety features are also exemplary.



VersaMatic

For special fitting situations

The hinged gate operator VersaMatic with integrated controls is the perfect solution even for unusual fitting situations. The VersaMatic also features proven technology: its speed, for example, is individually adjustable so it achieves smooth door travel for all door sizes.



LineaMatic

A compact and reliable operator

Highlights of the sliding gate operator LineaMatic include its compact, height-adjustable housing made of zinc die-cast and glass-fibre reinforced plastic, as well as its reliable operator electronics.



* The complete warranty conditions can be found at: www.hoermann.com



Hand transmitter HS 5 BS

4 button functions
plus query button,

1 High-gloss surface black
or white

2 Textured surface black



Hand transmitter HS 4 BS

4 button functions,

3 Textured surface black

Hand transmitter HS 1 BS

1 button function,

4 Textured surface black

Hand transmitter HSE 1 BS

1 button function,
incl. eyelet for key ring

5 Textured surface black



Hand transmitter HSE 4

4 button functions,
incl. eyelet for key ring

6 Textured surface black
with chrome or plastic caps

Hand transmitter HSE 2 BS

2 button functions,
incl. eyelet for key ring

7 High-gloss surface black
or white

8 High-gloss surface green,
purple, yellow, red, orange

9 decors in silver, carbon,
dark rootwood

(Shown from left to right)





**10 Hand transmitter
HSD 2-A BS**

Aluminium look,
2 button functions,
can also be used as a key ring

**11 Hand transmitter
HSD 2-C BS**

High-gloss chrome,
2 button functions,
can also be used as a key ring



12 Hand transmitter HSP 4 BS

4 button functions,
with button lock-out,
incl. key ring



13 Hand transmitter HSZ 1 BS

1 button function,
for insertion in vehicle
cigarette lighter

14 Hand transmitter HSZ 2 BS

2 button functions,
for insertion in vehicle
cigarette lighter



Hand transmitter

Hörmann offers numerous beautifully shaped models that can be assigned up to 5 functions. All control elements use our innovative BiSecur radio technology.



HSZ hand transmitter

The alternative to homelink systems: integrated in an inconspicuous spot in your car. Inserted in the vehicle's cigarette lighter, the HSZ hand transmitter is easily accessible and convenient to operate.



**Radio code switch
FCT 3 BS**
For 3 functions,
with illuminated buttons



**Radio internal push
button FIT 1 BS**
1 button function
with large button
for simple operation



**Radio code switch
FCT 10 BS**
For 10 functions,
with illuminated buttons
and protective cover



**Radio internal push
button FIT 4 BS**
4 button functions



**Radio finger-scan
FFL 12 BS**
For 2 functions
and up to 12 fingerprints



**Radio internal push
button FIT 5 BS**
4 button functions
plus query button



**Radio internal push
button FIT 2 BS**
For 2 functions
or 2 operators



**Radio receiver electric
socket FES 1 BS**
For switching lights
and other devices
on and off,
up to 2500 watt
FES 1-1 BS
For controlling (impulse)
operators of other
makes and switching
lights and other
devices on and off,
up to 2500 watt



Recessed radio transmitter

For two functions, for recessed buttons, central installation in the house within sight of the garage door

HSU 2 BS: for switch boxes with 55 mm Ø with connection to the house mains supply

FUS 2 BS: for switch boxes with 55 mm Ø including 1.5 V battery



Receiver HER 1 / 2 / 4 BS

Receiver (1, 2 or 4 channels) to operate an additional external light or a garage door (of other make) using Hörmann radio accessories



Radio receiver ESE BS

For a choice of direction on different buttons of a control element, for SupraMatic operator*



BiSecur Gateway: simple control via smartphone or tablet

Conveniently from your home:

For convenient operation within your home network, your smartphone or tablet can be easily connected through WLAN.

Anywhere around the world

via the Internet: When you are on the go, you can connect to the BiSecur Gateway through your smartphone's or tablet's Internet connection.

Registering your Gateway and smartphone or tablet on the Internet enables your personal access.



BiSecur gateway

A central control unit for your operators and radio receivers, for up to 10 users, up to 16 functions per user.

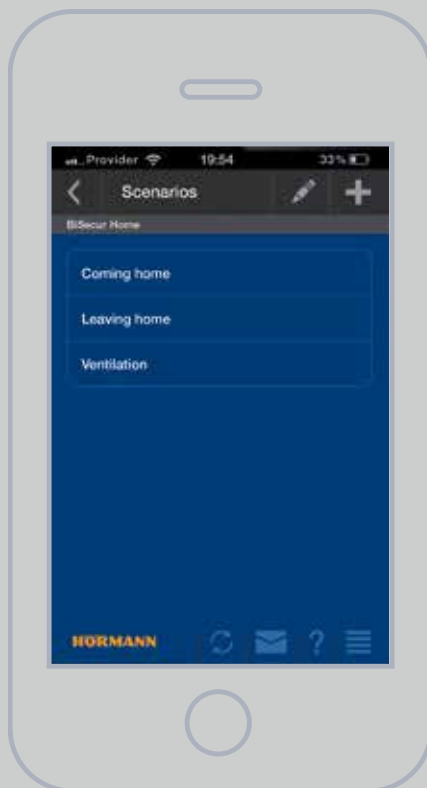
* from year of manufacture 2014, series version CI



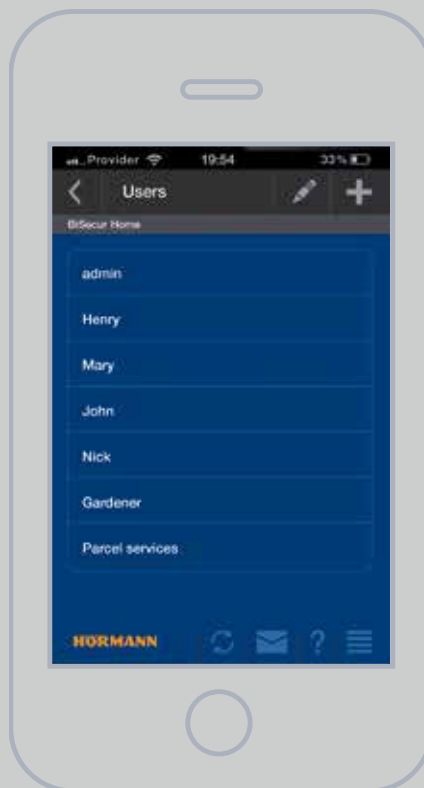
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2



3



4

Clear, simple, individual

1 Convenient operation

All functions that you control with your hand transmitters can also be executed with the BiSecur app. The intuitive menu navigation makes operation a breeze.

2 Simple overview

With the BiSecur app, you have an exact overview of the status of your garage door and entrance gate, as well as your entrance door* at all times. Self-explanatory icons show you whether your doors are open or closed or whether your entrance door* is locked or unlocked.

3 Setting up “scenarios”

Simply combine several individual functions to make a scenario. A scenario means that, at the press of a button, you can, for example, open or close your garage door and entrance gate at the same time**, control your entrance door* together with your external lighting or set the ventilation position for two garage doors at the same time. You create the scenarios individually for your personal app usage – exactly the way you want them to be.

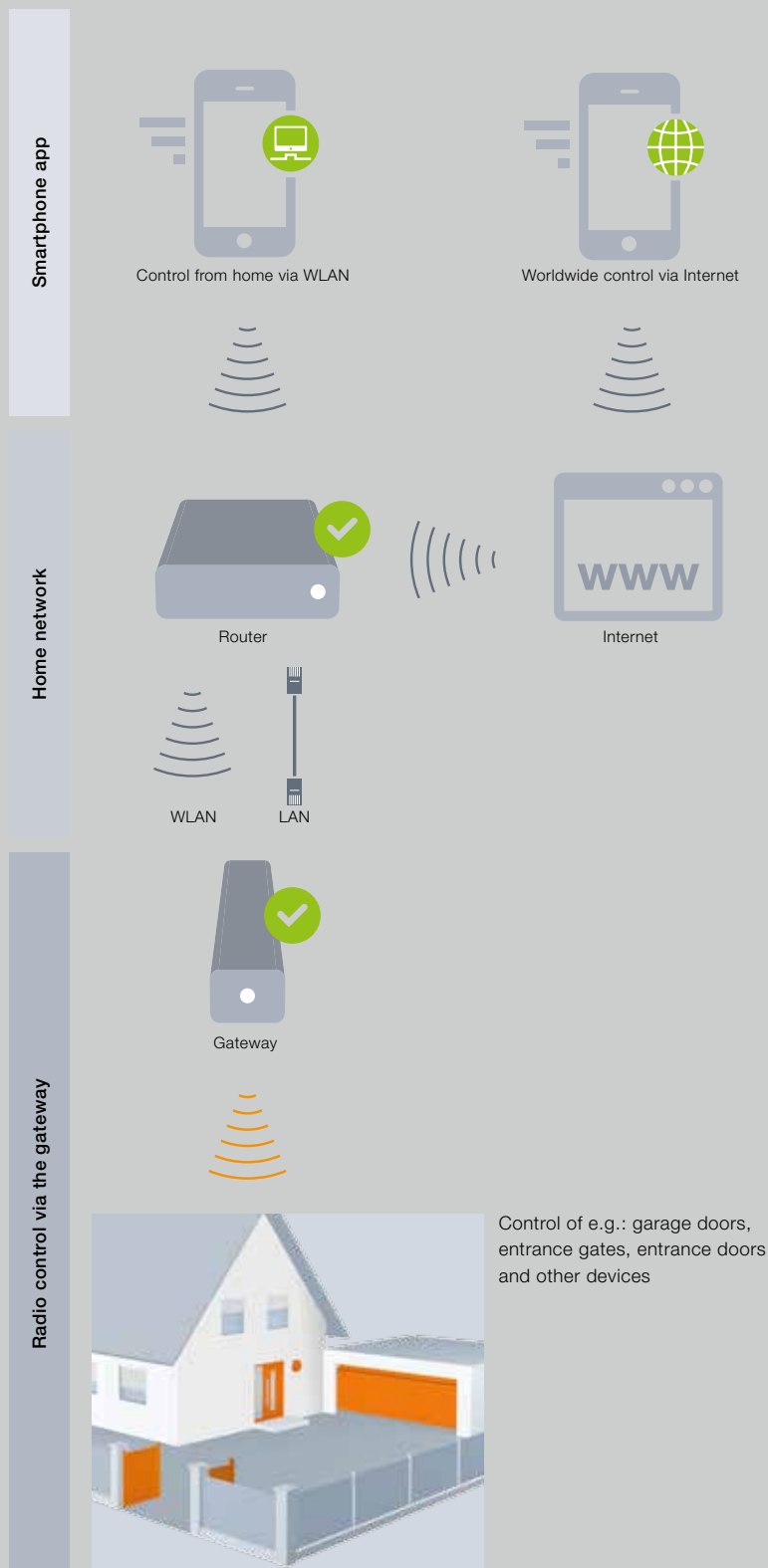
4 Simple user management

As the administrator, you can define which devices can be operated by the individual users. This gives you full control, meaning, for example, that while you are on holiday, you can allow your neighbours to open your entrance gate, but not the entrance door that would allow them into your house.

* With special equipment

** Only possible with SupraMatic garage door operator and optional radio receiver ESE BS (see page 25).

Perfectly in sync with the home network



Take a look at the video at:
www.bisecur-home.com/videos



System requirements

Android devices

- Software version 2.3
- Min. 256 MB RAM

iOS devices

- From software version iOS 6
- From iPod touch, 5th generation
- From iPhone 4S
- From iPad 2
- From iPad mini

Home network

- Broadband Internet access
- WLAN router
WLAN standard IEEE 802.11b/g/n, encryption WPA-PSK or WPA2-PSK, network name without spaces, access to additional end devices
- Internet browser
Internet Explorer from version 10, Firefox from version 14, Chrome from version 22, Safari from version 4, other current web browsers with Javascript and CSS3 support
- Available LAN socket on router
- Power supply (100 – 240 V AC, 50 / 60 Hz)
- Smartphone or tablet with access to the App StoreSM or to GoogleTM play
- Location with remote connection to the device to be operated

Internet configuration using the Hörmann portal

You can register your Gateway and your smartphone / tablet on the web page www.bisecur-home.com for worldwide control via the Internet. A one-time registration is done via a certified Hörmann Internet site and ensures the highest data security.



Hörmann: Quality without Compromise



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



Hörmann KG Eckelhausen, Germany



Hörmann KG Freisen, Germany



Hörmann KG Ichtershausen, Germany



Hörmann KG Werne, Germany



Hörmann Alkmaar B.V., Netherlands



Hörmann Legnica Sp. z o.o., Poland



Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon LLC, Burgettstown PA, USA



Shakti Hörmann Pvt. Ltd., India

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialised factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, and activities in the USA and Asia, make Hörmann your strong partner for first-class building products, offering “Quality without Compromise”.

GARAGE DOORS
OPERATORS
INDUSTRIAL DOORS
LOADING EQUIPMENT
HINGED DOORS
DOOR FRAMES

HÖRMANN