



DOOR OPERATORS

Door operator PortaMatic and door lock operator SmartKey
for barrier-free, convenient living

HÖRMANN

Responsibility for generations

The Hörmann family business has over 85 years of experience as a construction component specialist. This gives us an obligation to both past, current and future generations. That's why environmental responsibility plays such an important role for us. With this in mind, we develop innovative solutions for sustainable products and intelligent environmental protection.



“A GOOD REPUTATION MUST BE EARNED.”

August Hörmann

In keeping with the tradition started by the company's founder, the Hörmann brand is a true promise of quality and, with sales of over 20 million doors and operators, is one of Europe's most successful suppliers. Due to the comprehensive international sales and service network, Hörmann is your strong partner for high-quality construction components.

AN EYE ON THE FUTURE. Hörmann is setting a good example. That's why 100% of our electricity needs in Germany come from green electricity. Together with an intelligent and certified energy management system, CO₂-neutral mailing and the recycling of valuable materials, more than 40000 tons of CO₂ are saved each year. In addition, we offset over 100000 tonnes of CO₂ by promoting wind energy and reforestation projects in cooperation with ClimatePartner.



You can find further information at
www.hoermann.de/umwelt



Brand quality made in Germany



The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly specialised factories using state-of-the-art production technologies. Our employees work intensively on new products, continual further developments and improvements to details. The results are patents and unique products on the market.





**2-year
warranty***

LONG-LASTING. GUARANTEED. All major operator components are developed and manufactured by Hörmann. Endurance tests under real conditions ensure mature series products with Hörmann quality. Thanks to this and uncompromising quality assurance, you receive a 2-year warranty on Hörmann door operators*.

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



**Simple fitting,
simple connection**

EASY TO FIT. The door operator PortaMatic is installed above the door or on the frame. The slide rail can simply be bonded to the door leaf and leaves no residue behind after being removed. This is particularly advantageous if you live in a rented flat or have smooth glass doors. The PortaMatic is simply connected to a socket.



Intelligent operating comfort

Whether you are physically disabled or would simply like more convenience – this technology will make your everyday life easier. The door operator PortaMatic for residential internal doors allows you move about your home unaided. You can conveniently lock and unlock your house and apartment entrance doors with the door lock operator SmartKey. Both operators are easily, safely and conveniently operated via a hand transmitter, radio switch, smartphone or the Smart Home system Hörmann homee.





Only from Hörmann

CERTIFIED SECURITY. The bidirectional BiSecur radio system with particularly secure encryption protocol and stable, interference-free range makes sure that no one can copy your radio signal. This is also confirmed by the security experts of Bochum University and independent test institutes.



Watch the video on YouTube or at www.hoermann.com/videos

RELIABLE DOOR OPERATION. At Hörmann, safety and convenience go hand in hand. The door operator PortaMatic opens and closes your residential internal doors with soft start and soft stop and is extremely quiet. The door is moved with a minimum of force, offering you a high level of safety. Even a light touch is enough to stop the door from moving.



Watch the video on YouTube or at www.hoermann.com/videos



Convenient and senior-friendly living

Everyone is talking about barrier-free living. A barrier-free home can facilitate everyday life not only for people with physical disabilities or senior citizens, but also for parents with prams, for example. With numerous functions and adjustment options, the door operator PortaMatic and door lock operator SmartKey are guaranteed to make your life easier. However, it is not possible to combine both operators on one door.



DOOR OPERATOR PORTAMATIC. Open and close your residential internal doors easily and automatically. This allows you to move freely around your home with your walker or wheelchair without any assistance. In addition, the PortaMatic impresses with its minimal power consumption.

DOOR LOCK OPERATOR SMARTKEY. You can now carry heavy crates of beverages or your shopping bags into your home unhindered. The SmartKey allows you to unlock the entrance or side doors of your house or flat at the touch of a button. Even with a walker, wheelchair or pram, it is much easier to enter your house or flat, because you can open the door from a distance.

In combination with a non-contact switch, the door operator PortaMatic reduces the risk of infection through internal doors in doctors' practices or offices.

The door lock operator SmartKey allows you to open the entrance or side doors of your house or flat without using a key.



PortaMatic

Door operator



Versions / fitting options

- 1 PortaMatic in silver (E6 / EV 1), fitting to the extended door frame
- 2 PortaMatic in white (RAL 9016) with optional shaft extension, fitting above the door frame

Integrated LED illumination 3

The lighting switches on even before the door is opened and closed. Continuous operation also provides orientation at night.

Practical partial opening

The door remains partially or completely open for a defined period of time, e.g. for ventilation purposes.

Minimal power consumption

Thanks to energy-efficient components and LED illumination, the energy costs for the PortaMatic are less than €3 per year. This saves you both electricity and money.

Manual operation

Doors equipped with operator PortaMatic can also be opened and closed manually at any time without additional effort.



Operating modes

Impulse operation

Open and close your door using the hand transmitter or button.

Automatic operation

After opening the door with the hand transmitter or button, the door closes automatically after a period of time defined by you.

Semi-automatic operation

Lightly pressing against the door leaf opens and closes your residential internal door automatically.

Door closer function

After manual opening, the door closes automatically after a defined period of time.

Combined operation

All operating modes can also be customised or combined.



Versions

- 1 SmartKey in silver (E6 / EV 1)
- 2 SmartKey in white (RAL 9016)
- 3 Hand transmitter HSE 4 BS SK as standard
- 4 Optional hand transmitter HS 5 BSI ¹⁾

High level of operating comfort

Locking takes place either by pressing a button or automatically after a specified period of time. This securely locks your door and provides protection against break-ins. In case of emergency, the door can be opened or closed manually at any time from the outside using the regular key²⁾ or from the inside using a hand wheel.

Secure control

When the door lock has been locked, unlocked or opened, you will receive an acoustic / visual feedback. In addition, you can see whether the door is locked or unlocked on the optional hand transmitter HS 5 BS or radio internal push button FIT 5. You no longer need to go to the door to check. And during holidays, the radio function of the door lock operator can be deactivated.

Ideal for retrofitting

The SmartKey can be flexibly fitted to the inside of the door by clamping, gluing or screw connection. As there is no damage to the door or frame, the SmartKey is also ideal for use in rented flats. The housing is simply fitted onto the inserted key³⁾. Thanks to battery operation (running time approx. 1 year⁴⁾ at 8 cycles per day), there is no need to lay cables.

Note ⁵⁾

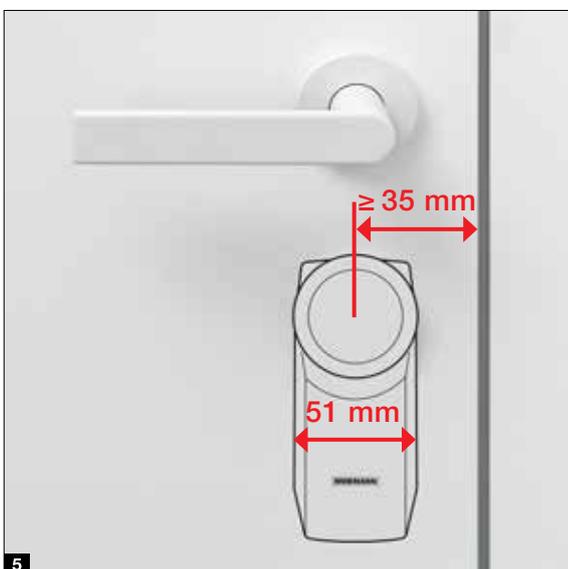
When using the SmartKey on a door opening outwards, the distance from the centre of the locking cylinder to the door frame must be at least 35 mm.

¹⁾ Index -3

²⁾ Cylinder with emergency and hazard function required

³⁾ Cylinder projection of 7 – 12 mm necessary on the inside, the key head must be shortened to a length of 4 – 7 mm

⁴⁾ Depends on the ease of movement of the door or lock as well as the batteries used!



Accessories

Hand transmitter



HS 5 BS
4 button functions, plus query button, high-gloss surface black or white



HS 5 BS
4 button functions, plus query button, textured surface matt black



HS 4 BS
4 button functions, Textured surface matt black



HS 1 BS
1 button function, Textured surface matt black



HSE 1 BS
1 button function, including eyelet for key ring, Textured surface matt black



HSE 4 BS
4 button functions, incl. eyelet for key ring, Textured surface matt black with chrome or plastic caps



HSE 4 BS
4 button functions, incl. eyelet for key ring High-gloss surface with chrome caps, colours (shown from left): Anthracite grey, Frozen grey, Classic grey, Carbon, Silver ■ **NEW**



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



Hand transmitter station
In high-gloss surface finish black or white, textured surface finish matt black, for HS 5 BS, HS 4 BS, HS 1 BS



Hand transmitter holder
For wall fitting or fastening to the sun visor of a car, transparent, for HS 5 BS, HS 4 BS, HS 1 BS as well as HSE 1 BS and HSE 4 BS



Hand transmitter holder walker
For convenient operation with a walker, for HS, HSE and HSI; holder for HS 5 BS shown



**Radio internal push button
FIT 1 BS**
1 button function with large button
for simple operation, plastic
housing in Pure white RAL 9010



**Radio internal push button
FIT 4 BS**
4 button functions,
plastic housing in Pure white
RAL 9010



**Radio internal push button
FIT 5 BS**
4 button functions plus
query button,
plastic housing in Pure white
RAL 9010



**Radio internal push button
FIT 2-1 BS**
2 functions, connection option for
max. 2 control elements via cable,
e.g. key switch, plastic housing in
Pure white RAL 9010

Internal push button



Recessed radio transmitter with
2 functions, for recessed buttons,
central installation in the house
within sight of the garage door

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

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



**Internal push button
IT 1b-1**
Large, illuminated button for
convenient opening of the door,
plastic housing in Pure white
RAL 9010



**Internal push button
IT 3b-1**
Large button with illuminated ring
for opening of the door, buttons
for the operator light and to switch
off the radio control, plastic
housing in Pure white RAL 9010



**Radio radar button
FSR 1 BS**
1 function, operating voltage 230 V
Radar button HTR 1-230
1 function, relay output for
connecting to a switch cable,
operating voltage: 230 V
Radar button HTR 1-24
Function as HTR 1-230,
operating voltage 24 V



Internal push button
■ **NEW** from summer 2022
1 button function,
recessed version

Dimensions and fitting data

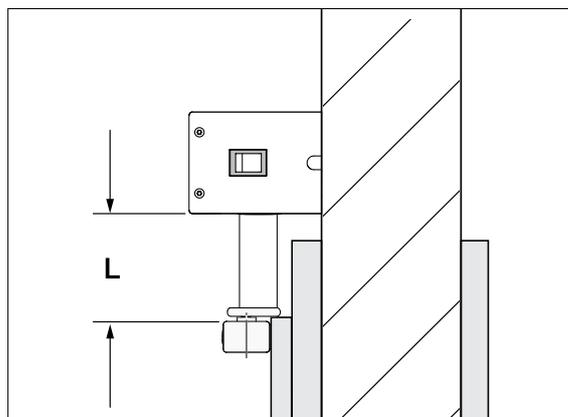
PortaMatic

Door operator PortaMatic

- Electromechanical hinged door operator for single-leaf residential internal doors
- Dual handed
- Complete with integrated BiSecur radio, illumination, moment arm, slide rail, latch clamp and fixing material
- Euro plug with 3 m white connection cable

Technical data

Dimensions (W × H × D)	60 × 560 × 78 mm
Weight	2.9 kg
Power input	Max. 0.15 kW
Standby	Approx. 1 watt
Opening angle	Max. 115 °
Tested service life	200000 cycles / 600 per day
Door width	610 to 1100 mm
Door height	Up to 2250 mm
Door weight	Up to 125 kg (up to door width 860 mm) Up to 100 kg (up to door width 985 mm) Up to 80 kg (up to door width 1110 mm)



Shaft length (L)

Standard: 16 mm
Optionally with shaft extension: 31, 46 or 61 mm

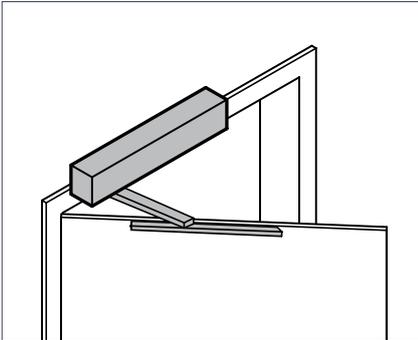
Functions and combination options

Functions	Explanation	Hold-open phase	Manual	Close door	Semi-automatic	Automatic	Impulse sequence
OFF	Voltage-free	-	●	-	-	-	-
Manual	Manual operation	-	●	○	-	○	○
Semi-automatic operation	In Open/Close direction	Time 1	-	○	●	○	○
Automatic operation	Cable or radio	Time 2	○	○	○	●	○
Impulse operation	Cable or radio	-	○	○	○	○	●
Door closer function		-	●	○	○	○	○
Permanent open, Partially open, Ventilate	Manual, impulse sequence	-	○	-	-	-	○
Acoustic (sound) and visual (light) signalling							
Advance warning (before door travel)			-	○	-	○	○
Warning (during door travel)			-	○	○	○	○

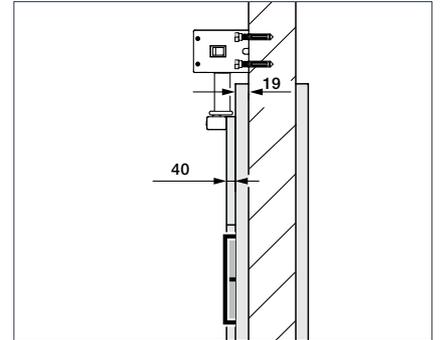
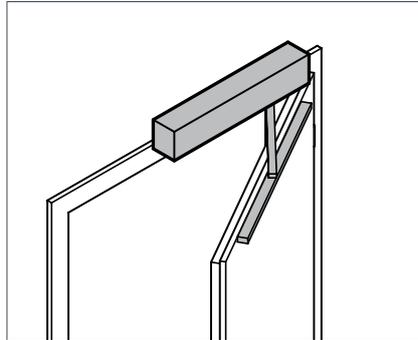
● standard; ○ possible; - not possible

Time 1 = hold-open phase 2 – 60 sec.; Time 2 = hold-open phase 2 – 180 sec.

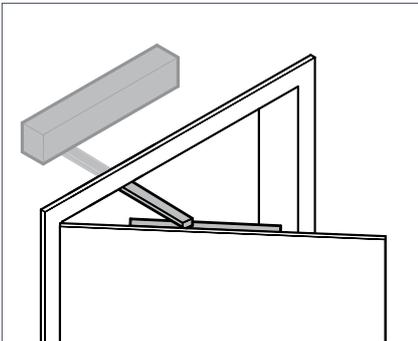
Fitting types



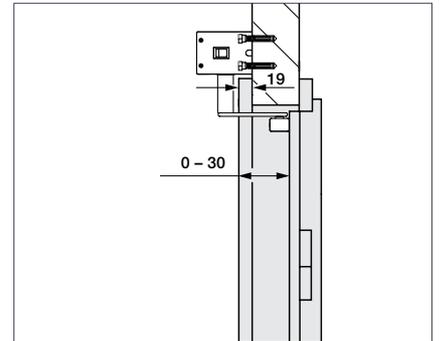
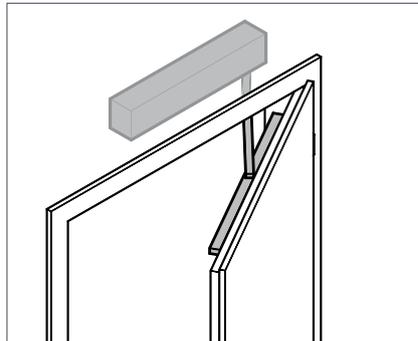
With slide rail
Opening side/hinge side, pulling



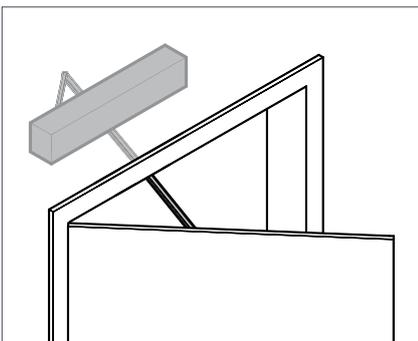
Max. door overlap 40 mm



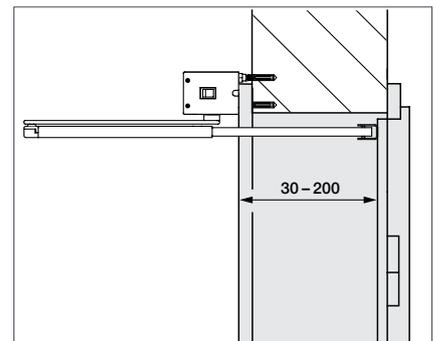
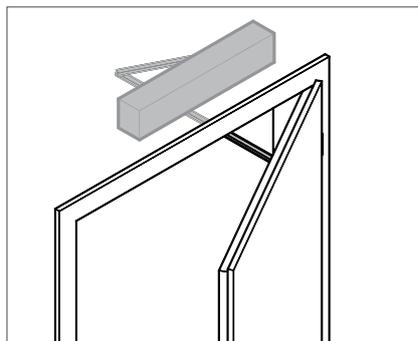
With slide rail
Closing side/opposite hinge side, pushing



Reveal depth 0 – 30 mm



With scissors linkage (optional)
Closing side/opposite hinge side, pushing



Reveal depth 30 – 200 mm

Experience Hörmann quality in new construction and modernisation

Hörmann provides an excellent basis for comprehensive planning. Carefully matched solutions offer you the very best in perfectly designed products for every area.

**GARAGE DOORS. GATE AND DOOR OPERATORS. ENTRANCE DOORS.
RESIDENTIAL INTERNAL DOORS. STEEL DOORS. FRAMES.**



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