

MORE CONVENIENCE FOR YOUR HOME

EcoStar
Made by Hörmann



Quality Operators for Garage Doors and Entrance Gates

Garage door operator LIFTRONIC
for up-and-over doors and sectional doors

Entrance gate operator PORTRONIC
for hinged and sliding gates

Certified safety
according to the strict requirements in European standard 13241-1

Garage door operators EcoStar: powerful, reliable, quiet



Two elegant 2-channel hand transmitters with chrome key ring holder as standard with each operator (illustration in actual size).



Super-quiet toothed belt technology

EcoStar LIFTRONIC operators open and close your garage door with a minimum of noise. In contrast to chain-guided operators, greasing and oiling are not required.



Reliable automatic safety cut-out

The door stops automatically if it encounters an obstacle. As a result, this function provides the highest level of safety against trapping.



Easy to fit

LIFTRONIC operators can be quickly fitted without any problems to all up-and-over doors and sectional door.



Guaranteed safety

EcoStar LIFTRONIC operators have been tested and certified individually and in combination with all EcoStar and Hörmann garage doors in accordance with European standard 13241-1.



Made in Germany

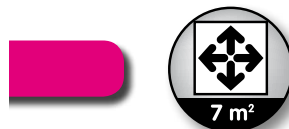
All EcoStar LIFTRONIC operators are completely manufactured in Germany, resulting in quality that you can rely on.



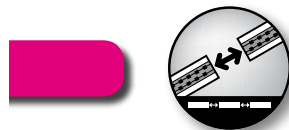
LIFTRONIC 500



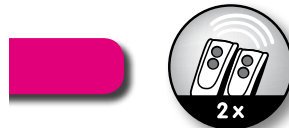
Max. pull force 500 N



Door size up to 7 m²



Boom to clip together



Incl. 2 hand transmitters













3-part boom for the LIFTRONIC 500










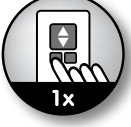


*Warranty conditions at www.ecostar.de



LIFTRONIC 700

-   **Max. pull force 700 N**
-   **Door size up to 9.5 m²**
-   **Pre-assembled boom**
-   **Incl. 2 hand transmitters**
-   **Incl. internal push button**

LIFTRONIC 800

-   **Max. pull force 800 N**
-   **Door size up to 12.5 m²**
-   **Pre-assembled boom**
-   **Incl. 2 hand transmitters**
-   **Incl. internal push button**
-   **Incl. radio code switch**



3-part, pre-assembled boom for the LIFTRONIC 700 and LIFTRONIC 800, ready-to-fit in 90 s

A clear path onto your property: EcoStar entrance gate

Reassuring safety

EcoStar entrance gate operators offer increased security, as they work safely during all opening and closing phases. The gate stops if it encounters an obstacle whilst the (optional) contact photocells will detect persons and objects, providing additional safety.

Pleasantly quiet

EcoStar entrance gate operators open quietly and reliably. The gate opens without a jolt and gently brakes before fully closing.

Guaranteed safety

The EcoStar entrance gate operator PORTRONIC provides your home with safety certified by TÜV in accordance with DIN EN 13241-1.



Well prepared

The operator control is already prepared for the connection of useful accessories such as photocells, warning lights, or outdoor lighting.

In case of emergency

Your EcoStar entrance gate operator is also well-equipped to deal with a power failure: An easy-to-use emergency release opens the gate without a problem.

Made in Germany

EcoStar entrance gate operators are robust and low maintenance thanks to the use of weather-proof, durable material, ensuring lasting operation.

HÖRMANN QUALITY
MADE IN GERMANY



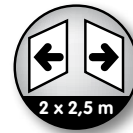
Hinged gate operator PORTRONIC-D 5000



Max. pull force 800 N



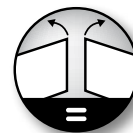
For double-leaf gates



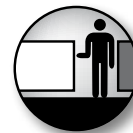
Gate size up to max. 5 m
(2 x 2.50 m)



Incl. 2 hand transmitters



Synchronous opening
if gate leaves have the
same width











Opening of just one gate
leaf for pedestrians



Also available as a
PORTRONIC-D 2500 version
for single-leaf gates



Sliding gate operator PORTRONIC-S 4000

- 

Max. pull force 600 N
- 

Gate size up to max. 4 m
- 

Incl. 2 hand transmitters
- 

Partial opening of the gate e.g. to allow pedestrians to pass



Special accessories for entrance gate operators



Photocell

The photocell detects persons and objects immediately and stops the door without any contact. The result: additional safety for you and your family.



Sound-absorbing seal

A rubber seal on the edge of the gate reduces the likelihood of vehicle dents or scratches.



Warning light

A warning light to accompany gate movement, a visual signal that provides extra safety.



Electric lock/stop plate

An additional (optional) electric lock secures the hinged gate from being blown open. Single-leaf gates are locked at the post or ground. A stop plate is required for ground locking; in conjunction with the electric lock, it reliably latches the gate.

Practical accessories



Here you can find all the accessories to individually equip your EcoStar garage door or entrance gate operator. These will provide you with daily convenience and increased safety to exactly fit the needs of your home.



Mini hand transmitter

Easy to stow away, practical when you are out and about. This additional 2-button mini hand transmitter is perfect for your key ring (2 hand transmitters come as standard with all operators).



Car transmitter

This hand transmitter is plugged into the cigarette lighter and is always on hand in the vehicle.



Internal push button

The internal push button is especially practical and convenient. You can open and close the door at the press of a button on an interior wall in your garage (as standard with LIFTRONIC 700 and LIFTRONIC 800).



Radio code switch

Up to 3 operators can be wirelessly operated via impulse using the illuminated radio code switch. This does away with the time-consuming need to lay cables (standard with the LIFTRONIC 800).



Key switch

You can use this to open and close the door from the exterior with a key. Two versions in one device – surface-mounted or recessed.



Emergency release lock

For up-and-over doors or sectional doors. Required for garages without a second entrance to manually open the door from the outside in case of a power failure.



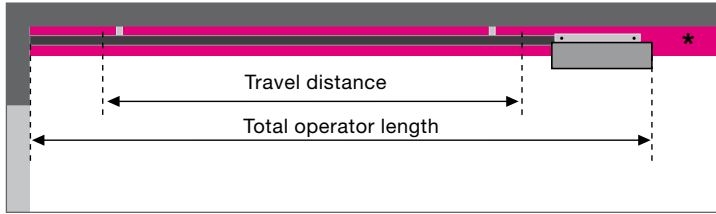
Photocell for garage door operators

The photocell detects persons and objects and stops the door without any contact. The result: additional safety for you and your family.

HÖRMANN QUALITY
MADE IN GERMANY



Garage door operator LIFTRONIC



Operator length

LIFTRONIC	500	700	800
Travel distance	2650 mm	2725 mm	2725 mm
Total operator length	3220 mm	3295 mm	3295 mm

* Fitting clearance

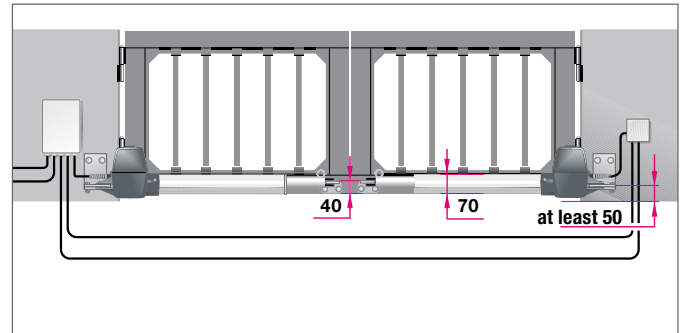
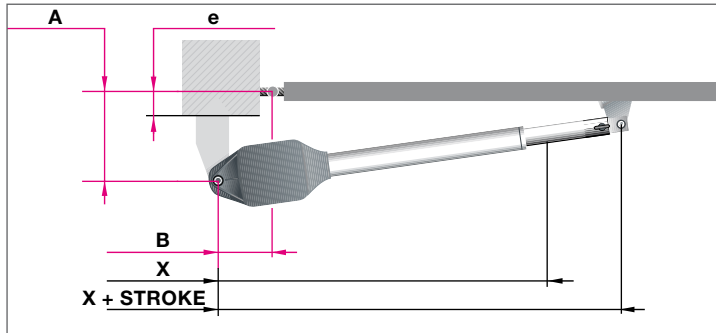
Up-and-over door

No clearance is required for an EcoStar/Hörmann up-and-over door. For other makes, 30 mm is required between the highest point of the door and the ceiling. Note the travel distance.

Sectional doors

A clearance of 15 mm is required for EcoStar sectional doors and Hörmann sectional doors with low headroom track application (Z or L); no clearance is required for Hörmann sectional doors with normal track application (N). For other makes, 30 mm is required between the highest point of the door and the ceiling. Note the travel distance.

Hinged gate operator PORTRONIC-D 5000



Maximum opening angle
110° (for A = 100 mm; B = 140 mm)

Operator length
X = 643 mm
X + STROKE = 943 mm

Distance between door pivot and operator pivot
A = min. 100 mm
B = 100 – 180 mm

Distance between door pivot and mounting plate
e = 0 – 150 mm

Mains connecting lead
230 V, NYY 3 x 1.5² (on-site)

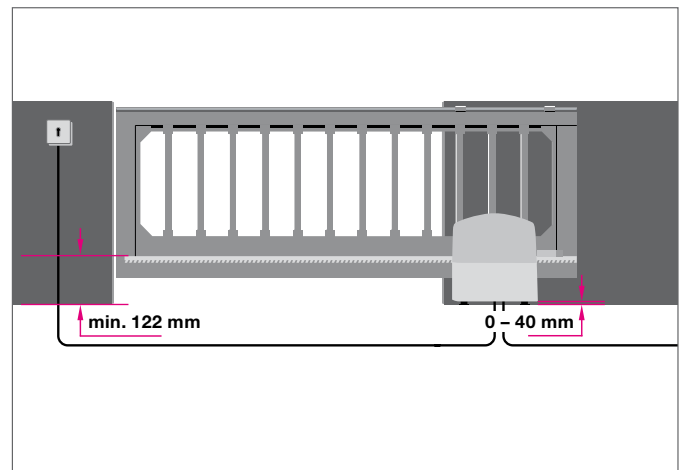
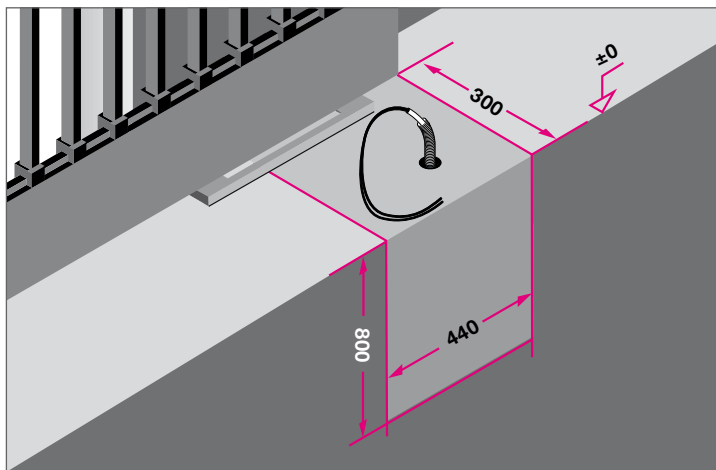
Additional connection cable
All cables underground NYY, e.g. 5 x 1.5²

Motor cable
Connecting lead up to 10 m
NYY 5 x 1.5² (on-site)

Lay all cables separately!

Electric lock connecting lead
NYY 3 x 1.5² (on-site)
underground
H07RN-F 2 x 1² on the door leaf

Sliding gate operator PORTRONIC-S 4000



Foundation dimensions
Min. 440 x 300 x 800 mm (frost resistant)

Connecting lead
See the figure for position of tube

Mains connecting lead
230 V, NYY 3 x 1.5² (on-site)

Lay all cables separately!

Additional connection cable
All cables underground NYY, e.g. 5 x 1.5²

Technical Data



	LIFTRONIC 500	LIFTRONIC 700	LIFTRONIC 800	PORTRONIC-D 5000	PORTRONIC-S 4000
Application	Garage door	Garage door	Garage door	Hinged gate	Sliding gate
Warranty period	3 years	4 years	5 years	2 years	2 years
Max. pull/push force	500 N	700 N	800 N	800 N	600 N
Door travel speed:	Approx. 10.5 cm/s	Approx. 13.5 cm/s	Approx. 13.5 cm/s	Dependent on door size	Approx. 10.5 cm/s (15 cm/s)
Operator light	2-minute light			-	-
Automatic safety cut-out	Is automatically taught in for both directions separately			-	-
End-of-travel position cut-out/force limit	Self-learning, wear-free, as it is designed without mechanical switches, additionally integrated run time limitation. Automatic safety cut-out, readjusting at every door run.			as standard	as standard
Motor	Self-locking DC gear drive with Hall sensor				
Operating voltage	230/240 V AC	230/240 V AC	230/240 V AC	230/240 V AC	230/240 V AC
Protection category	Only for dry rooms			IP54	IP44
Boom	Extremely flat at 30 mm, 3-part with maintenance-free, patented toothed belt	Extremely flat at 30 mm, 3-part, pre-assembled, with maintenance-free, patented toothed belt		-	-
Quick release	Actuated from inside with pull cord in the event of a power failure			as standard	as standard
Fitting material	Universal installation bracket for up-and-over doors and sectional doors with fixing material			Fitting set and fixing material	Toothed track segments and fixing material
Remote control	With 2-button mini hand transmitter RSC (433 MHz) and receiver integrated on the circuit board, with 6 memory spaces for 6 hand transmitters. Dependable system with rolling code.				
Door dimensions					
Max. width	3000 mm	4000 mm	5000 mm	2 x 2500 mm	4000 mm
Max. height	2250 mm (sectional door)	2375 mm (sectional door)	2375 mm (sectional door)	2000 mm	2000 mm
	2750 mm (up-and-over door)	2750 mm (up-and-over door)	2750 mm (up-and-over door)		
Max. surface area	7 m ²	9.5 m ²	12.5 m ²		
Weight				200 kg/door leaf	300 kg bottom-guided, 250 kg self-supporting
Connection options/functions	Push button/impulse, 2-wire photocell			Push button/impulse, 2-wire photocell, auto. timed closing (60 s), option relay, adjustable power limit, adjustable operator speed, adjustable leaf offset	Push button/impulse, 2-wire photocell, auto. timed closing (60 s), option relay, adjustable power limit, adjustable operator speed
Packaging Dimensions/weight	Box: 191 x 1175 x 153 mm (W x H x D), shipping weight: approx. 10 kg	Box: 261 x 1156 x 153 mm (W x H x D), shipping weight: approx. 14 kg		Box: 352 x 412 x 290 mm (W x H x D), shipping weight: approx. 15 kg	Box: 238 x 796 x 228 mm (W x H x D), shipping weight: approx. 12 kg

All rights reserved. No part may be reproduced without our prior permission. Subject to changes.

www.ecostar.de

Issue 02.10 / Print 02.10 / HF 86042 en / G.xxx