



pro +

Intelligent
operator with
separate
control unit
housing



The innovation for garage doors

Installing control unit housing flexibly on the ceiling or wall

THE NEXT GENERATION OF OUR GARAGE DOOR OPERATORS

QUALITY

- pro⁺ is the innovative successor of the successful base⁺ garage door operator from SOMMER:
Now even more flexible and convenient due to the separate control unit housing
- Universal operator for sectional doors, overhead doors, swing doors, canopy doors*, side-hinged doors*, side-opening sectional doors and sliding doors
- Integrated LED technology: durable, energy-saving and efficient lighting
- Saves power: <1 watt standby
- Made in Germany

SAFETY

- Motor with high automatic locking and active counter-pressure at all points in the event of an attempted break-in
- Connection option for battery pack for emergency operation in the event of a power failure
- Locking magnet for motor (break-in protection), locks in any position, even during ventilation/partial opening function (available as an option)
Lock # 1651V000
- Thanks to the integrated emergency release, the carriage can be engaged and disengaged in any position
- Bi-directional, secure **SOMloq2** radio system

* Special fitting required

Track

- The track unit (standard equipment) opens sectional doors up to a height of 2,500 mm, swing doors up to a height of 2,750 mm
- By extending the track, even taller doors can be opened
(extension set 543 mm # S10868-00001
extension set 1.096 mm # 10460V000)

Ceiling suspension unit

- Flexible and versatile

Carriage

- Certified restriction of closing forces acc. to EN 12445 by electronic motor monitoring (Ift Rosenheim-certified)

Chain

- High-quality fixed chain (galvanic nickel-plated)
- Wear- and maintenance-free, pre-tensioned via springs with high tensile strength

MADE IN GERMANY

VERSATILITY

- Countless accessories for extension, e.g. **Memo** hand-held transmitter memory, **Senso** humidity sensor, **Lock** locking magnet **Lumi pro⁺** additional LED lighting, and much more...
- 2 integrated control buttons in the control unit housing for activating the door and the lighting or partial opening function
- Additional connection options without spiral cable directly on carriage (safety contact for the slip door or safety edge OSE or 8k2)
- Universal power supply to the track (can either be from the front or the rear)
- Removable carriage without track disassembly
- Short cable runs with wall mounting for external accessories (photo eye/warning light/ external buttons...)

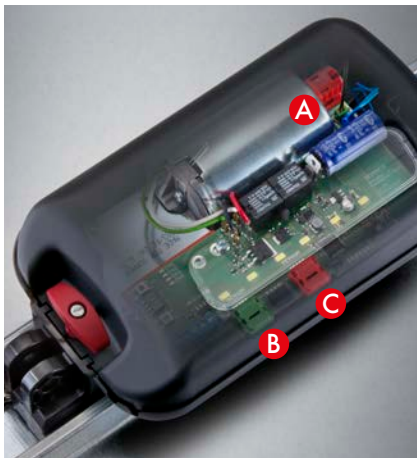
INTELLIGENCE

- Automatic learning process: self-learning force curve with continual adjustment e.g. summer-/ winter operation
- Optimal speed profiles for quick opening and secure closing
- Operation compliant with standards
- Automatic calibration of door operation through direct entry of measured operating forces
- Pre-selectable door types via DIP switch
- Active braking for moving doors
- Countless setting and querying options via **SOMlink**
- Gear-saving soft start/stop
- Automatic end position detection in Door CLOSE when programming, the closing pressure can also be individually adapted to the structural conditions

ADDITIONAL EQUIPMENT

All accessories are easy to install via Plug and Play.

Sockets are colour-coded and labelled.



A Lock # 1651V000

Locking magnet which mechanically blocks the motor in any position up to an attack force of 300 kg (certified), thereby improving the existing break-in protection. (mechanical locking mechanism of the operator)

B Senso #10371

For recording air humidity and temperature in the garage. The carriage automatically opens and closes the door a bit if necessary, ensuring perfect air circulation. This reduces the risk of mould formation.

C Memo # 10373

Used to expand the memory to 450 transmitter commands. If service is required, the saved transmitters can be easily moved to a new carriage.

Relay # 7042V000

Additional relay for additional switching of a garage or courtyard light.

Lumi pro⁺ # S10205-00001

Additional LED lighting for the wall control. It is switched in parallel with the lighting in the carriages and can be easily switched on and off using the light function by means of a hand-held sensor.

Buzzer # 7043V000

Three functions in one product: The alarm buzzer recognises a break-in attempt and outputs a loud signal tone. The warning buzzer, on the other hand, outputs an acoustic signal during the closing process or optionally when the slip door is open.

Motion # S10343-00001

Uses a passive infrared sensor to detect the invisible thermal radiation of moving bodies (humans/animals, etc.) and reacts to them. The operator lighting (additional lighting/relay) switches on automatically for safe movement when the garage is entered.

Accu # S10523-00001

Assumes the power supply of the operator for > 5 door cycles in the event of a power failure.

Laser # 10378

Gives optical assistance for perfectly positioning a vehicle in the garage. The laser is active during the opening process and the set light burning time.

EXTRA FLEXIBLE THANKS TO SEPARATE CONTROL UNIT HOUSING

FLEXIBILITY

- Separate control unit housing for installing on the wall or ceiling, depending on your requirements. The existing power socket in the garage is optimally suited for the power supply
- When installing the separate control unit housing on the wall, the interior push-button is a convenient distance from the exit door
- The control unit housing, which can be installed separately, makes an additional power socket and elaborate electric work unnecessary



pro⁺ control -
flexible installation
in 3 versions:
at the rear (1),
on the ceiling (2),
at the front (3).

Set S 9060 pro⁺ #S10154-00001

Set S 9080 pro⁺ #S10155-00001

Set S 9110 pro⁺ #S10156-00001

3-piece track including carriage,
control unit housing, fixing material (bracket,
attachment to header and ceiling mounting unit),
push arm and door bracket, pre-programmed Pearl
Vibe 4-command transmitter (# 4019V000)

ACCESSORIES

Track extensions



Track extension set

Length 1096 mm, incl. ceiling bracket, long isolator chain (including magnet)

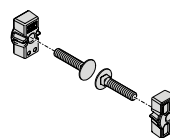
#10460V000



Ceiling mounting unit set

for track MS 1,25 mm; incl. fixing material

#1646V000

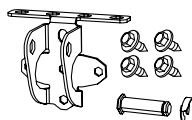


Ceiling suspension insert

for angle profile use (width 18 mm) for fastening on the ceiling

#S10178-00001

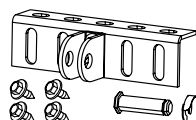
Door brackets



Door bracket set

incl. screws and bolts one piece bracket

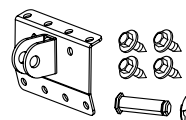
#1650V000



Door bracket set

incl. screws and bolts complete bracket

#S10201-00001

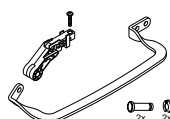


Door bracket set

incl. screws and bolts type H

#S10228-00001

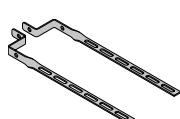
Brackets



Low headroom fitting

incl. pluggable adapter "back"

#7044V000



Bracket for door frames

Ceiling suspension connection
Cross beam

#S10355-00001

SERVICE INTERFACE

SOMlink #7040V000

With intelligent control technology (for dealers), there are additional options for easily adjusting features and parameters with a web app using your smartphone or tablet.



TRANSMITTER

Pearl Vibe #4019V000

- 4-command transmitter
- Bi-directional radio system, frequency: 868.95 MHz
- Efficient vibration motor for long battery life
- Reliable radio control system with good range (approx. 60 - 150 m)*
- Sensible vibrating feedback
- 128 bit AES rolling code encryption
- Collision-resistant



Matching accessories:

Holder for installing the hand-held transmitter in a car or on the wall can be delivered – just stick it on and screw it in.

#4643V000

Holding clip for installing the hand-held transmitter on the sun visor in a vehicle.

#S10092-00001

* environment-dependent

BI-DIRECTIONAL RADIO SYSTEM SOMloq2



Guarantees reliable remote control with good range and direct feedback for increased safety and convenience.

Our new products, equipped with the bi-directional SOMloq2 radio system, transmits radio signals in both directions when the corresponding transmitter is used, e.g. Pearl Vibe feedback vibration.

The system also offers:

- Feedback of whether the sent command is being processed by the receiver
- The option of querying door positions/reception status
- Improved range and higher reliability due to the hop function, since the signal is actively forwarded by SOMloq2 receivers
- Maximum protection from hackers with 128 bit AES encryption with Rollingcode
- Auto-repeat function for comfortable opening while approaching the object
- Downward compatible with the Somloq Rollingcode radio system, making it possible to control existing operators and radio receivers

TECHNICAL DATA

Operator	S 9060 pro ⁺	S 9080 pro ⁺	S 9110 pro ⁺
Max. pulling/pressure force	600 N	800 N	1.100 N
Max. door width/door height ¹⁾			
Sectional door	4.500 mm/2.500 mm	6.000 mm/2.500 mm	8.000 mm/2.500 mm
Retractable door	4.500 mm/2.750 mm	6.000 mm/2.750 mm	8.000 mm/2.750 mm
Canopy door	4.500 mm/2.050 mm	6.000 mm/2.050 mm	8.000 mm/2.050 mm
Side hinged door ²⁾	2.800 mm/2.500 mm	2.800 mm/2.750 mm	2.800 mm/3.000 mm
side-opening sectional-/Sectional-horizontal door ³⁾	2.500 mm (4.500 mm)/2.500 mm	2.500 mm (5.750 mm)/2.750 mm	2.500 mm (6.850 mm)/3.000 mm
Travel length (standard)	2.750 mm	2.750 mm	2.750 mm
Max. travel length extended	4.900 mm 2 x extensions (1.096 mm)	6.000 mm 3 x extensions (1.096 mm)	7.100 mm 4 x extensions (1.096 mm)
Max. door weight	120 kg	160 kg	200 kg
Max. running speed ⁴⁾	240 mm/s	210 mm/s	180 mm/s
Power consumption (power-saving mode)	< 1 W	< 1 W	< 1 W
Switch-on duration after S3 in %	40 %	40 %	40 %
Number of radio memory positions	40	40	40

¹⁾ The values can deviate depending on the installation position

²⁾ Separate hinged double door bracket required

³⁾ Side-sectional doors and roller doors wider than 2,500 mm can be built with a corresponding number of extensions

⁴⁾ Measured without door

⁵⁾ Detailed warranty conditions are available at www.sommer.eu



SOMMER ANTRIEBS- UND FUNKTECHNIK GMBH

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