

NEW DESIGN  
INTEGRATED BLUETOOTH MODULE  
OPTIMISED USABILITY  
POWER LED LIGHTING  
OPTIMISED INTERFACES



The new garage door opener series.  
Distinctive. Unmistakable. Typically Berner.

# In motion. Redefined.



[www.berner-torantriebe.eu](http://www.berner-torantriebe.eu)

RELIABILITY & QUALITY  
COMFORT & SAFETY  
TÜV CERTIFIED  
CONTROLLABLE VIA APP  
SMART DECISION  
SUSTAINABLE PRODUCTS

# Pure emotion. That's Berner.



*"This is a solid product – it will last for years."*

*"I have complete confidence in my new operator."*

*"I never have to get out of the car to open the door again."*



*"I made a good choice."*

*"It makes my home more modern and valuable."*

*"Now I have one less problem."*



Reliability and quality. Consistent for over 60 years.

Our products stand for high-quality materials and modern technology.

The quiet, powerful motor guarantees comfortable and reliable use.

Berner brand quality inspires confidence and ensures you feel good about your decision.

Comfort and security – effective burglary protection and sensitive obstacle detection

A modern garage door operator offers more than just security and protection from wind and weather: it provides convenience, reliably detects obstacles and effectively protects the garage from burglary. That gives me peace of mind and makes my home a little safer.

A smart decision. Certified safety.

It's clear right from the moment of purchase: it was the right decision. The price-performance ratio is right, the quality is impressive and installation is quick and easy – supported by a competent contact person.

Our Berner drive is TÜV certified and tested in accordance with Euro standard DIN EN 13241-1 with regard to dynamic and static closing forces on the main and secondary closing edges. Safety is our top priority.

Controllable via app and integrable into smart home systems

An automated garage door creates a modern overall impression and underlines technical progress. App control, secure radio system or smart home integration, comfortable and secure living becomes a reality.

Durable and sustainable products

Energy awareness starts small. And it's good to know to know that the drive you have purchased not only meets current eco-guidelines, but also really is energy-saving and is manufactured in a CO2-neutral way.

# A new way to move – uncompromisingly efficient

The new garage door drive series from Berner is the sum of all previous garage door drives. Every Berner drive ensures perfect movement. No compromises, just safety and comfort in all situations. Our new garage door drives combine the best of every Berner drive with the latest and most innovative developments.

## ➤ The Design

The striking, consistent design language of the new Berner drive series impresses with its unmistakable appearance and the step-by-step adjustable bright LED frame integrated into the drive. Ease of use, digital networking and extended connection options are the key features of the new Berner drives.

## ➤ The focus is on

The focus is on user-friendliness and safety: the new drive series offers a 7-segment display, external control buttons and a protective cover. Thanks to the integrated Bluetooth interface, menu navigation, programming and updates can be conveniently controlled via an app and smartphone. The series sets standards for digital connectivity and ease of use.

## ➤ The drive concept

The new garage door operators now offer even more convenience thanks to expanded interfaces: they can be controlled via smartphone, integrated into smart home systems and easily connected to external modules such as light or traffic light control. This makes your garage door more modern, safer and more flexible to operate.



# The GA205 & GA405 drives: More than you expect

The GA drive series focuses on continuity in safety, comfort and sustainability. These values characterise a Berner drive, which was and still is manufactured in Germany.

## ➤ Better safe than sorry

The Berner GA drive series remains true to its strengths: intelligent automatic shut-off protects people and vehicles, while mechanical burglary protection prevents the door from being pried open. The series has been extensively tested and is TÜV-certified.

## ➤ Impressive comfort

Comfort and safety are inseparable at Berner. The drives impress with their reliability, quiet operation and innovative guide technology, which is low-maintenance and makes everyday life easier. This and much more make Berner drives the most convenient and durable solutions on the market.

## ➤ Efficient and sustainable

Berner drives stand for minimal energy consumption (standby 0.8 W), high durability and a 5-year warranty on electronic parts – which means low maintenance and long-term cost savings.



BDS240 handheld transmitter, 4 channels, bidirectional

## GA205 GA405

### Garage door operator GA205

Suitable for garages with up to 6 parking spaces

Maximum tensile/compressive force 750 N

Door size up to 12 m²

Opening speed max. 220 mm/sec.

Number of cycles 10/25 per hour/day

0.8 W in standby mode

### Garage door operator GA405

Suitable for garages with up to 25 parking spaces

Maximum tensile/compressive force 1000 N

Door size up to 15 m²

Opening speed max. 220 mm/sec.

Number of cycles 10/100 per hour/day

0.8 W in standby mode



# GA105 & GA106: intuitive, fast, energy-saving.

The two new models, GA105 and GA106, not only meet the current requirements of the Ecodesign Regulation, but also feature a whole range of further developments and innovations that make garages smarter and more efficient.

## > What is different?

**Strength:** The new innovative operators move even larger and heavier garage doors quickly and reliably.

**Modern design:** The new look blends seamlessly into the appearance of your garage and combines aesthetics with functionality.

**Integrated LED light:** For clear and energy-efficient lighting in your garage – particularly practical in the evening hours.

**Eco-design compliant:** Our models comply with all current environmental guidelines and save energy without

**7-segment display:** For simple and intuitive operation and status display.

**Practical access panel:** Makes commissioning and modifications and adjustments – quickly and easily



BHS240 handheld transmitter,  
4 channels, unidirectional

### Garage door operator **GA105**

Suitable for garages with up to  
2 parking spaces

Maximum tensile/compressive  
force 700 N

Door size up to 11 m<sup>2</sup>

Opening speed max. 200 mm/sec.

Number of cycles 5/12 per hour/day

hour/day 0.6 W in standby mode

### Garage door operator **GA106**

Suitable for garages with up to 4  
parking spaces

Maximum  
tensile/compressive force 900 N

Door size up to 14 m<sup>2</sup>

Opening speed max. 200 mm/sec.

Number of cycles 8/20 per hour/day

0.6 W in standby mode

GA105  
GA106

# The tried-and-tested drive: GA101

## No power connection? No problem.

Sometimes you can't reinvent the wheel.  
The tried-and-tested GA101 battery/solar drive offers a reliable solution for the automatic opening and closing of garages and garage courtyards without a power connection. It is conveniently operated at the touch of a button and includes all comfort and safety features. The battery can either be charged via the supplied power supply unit at a power outlet or, alternatively, store the light energy generated by an optional solar panel. Thanks to the five-metre-long connection cable, the battery can be flexibly mounted on the wall, ceiling or floor. A special bracket and all the necessary mounting materials are included in the scope of delivery.

GA101



Garage door operator  
**GA101**  
Accu/Solar

Suitable for garages with  
one parking space

Maximum tensile/  
compressive force 400 N

Door size up to 7 m<sup>2</sup>

40 days of use at 4 door  
cycles per day (20 degrees  
ambient temperature)

### The battery

24 V 10 Ah

Weight: 8.8 kg  
Dimensions: 330 x 220 x 115 mm  
2-year warranty



### The solar panel

24 V 10 W  
Measurements: 370 (B) x 350 (H) mm



## Which operator is right for me?

With so many options, it can be difficult to decide.  
To help you make the right decision, here is a concise guide.

|                                            | GA205                                            | GA405                                            | GA105                           | GA106                           | GA101                           |
|--------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Max. tensile and compressive force         | 750 N                                            | 1000 N                                           | 700 N                           | 900 N                           | 400 N                           |
| Max. door size                             | 12 m <sup>2</sup>                                | 15 m <sup>2</sup>                                | 11 m <sup>2</sup>               | 14 m <sup>2</sup>               | 7 m <sup>2</sup>                |
| Max. opening speed                         | 220 mm/Sec.                                      | 220 mm/Sec.                                      | 200 mm/Sec.                     | 200 mm/Sec.                     | 130 mm/Sec.                     |
| Cycles per day                             | 25                                               | 100                                              | 12                              | 20                              | 4                               |
| Bluetooth onboard                          | yes                                              | yes                                              | no                              | no                              | no                              |
| Parking spaces                             | 6                                                | 25                                               | 2                               | 4                               | 1                               |
| Standby-mode                               | 0,8 W                                            | 0,8 W                                            | 0,6 W                           | 0,6 W                           | —                               |
| Automatic closing                          | yes*                                             | yes*                                             | yes*                            | yes*                            |                                 |
| HCP-Bus Interface                          | yes                                              | yes                                              | no                              | no                              | no                              |
| Radio-system: Unidirectional Bidirectional | Unidirectional or Bidirectional                  | Unidirectional or Bidirectional                  | Unidirectional                  | Unidirekcional                  | Unidirectional                  |
| Lighting                                   | Integrated, light time adjustable, max. 300 sec. | Integrated, light time adjustable, max. 300 sec. | Intergrated light time 180 sec. | Intergrated light time 180 sec. | Intergrated light time 180 sec. |
| Adjustable Defined direction selection     | yes                                              | yes                                              | no                              | no                              | no                              |

\*\*only with installed photocell

# Accessories – Your wishes matter

**Perfect compatibility:** The accessories fit the new generation of drives perfectly and are compatible with all Berner products.

**Design and function:** Modern, compact design, ergonomic buttons and practical status query make the hand-held transmitters particularly user-friendly.

**BiSure radio system:** Integrated as standard for increased security. Can be networked with all drives, receivers and control elements. Gate status can be queried at any time.

**Durability:** Two easily replaceable button batteries ensure a long operating life.

**Accessory highlights:** Sun visor clip, wall bracket and key ring still available.

1-CHANNEL HAND-HELD TRANSMITTER  
2-CHANNEL HAND-HELD TRANSMITTER WITH STATUS QUERY  
4-CHANNEL HAND-HELD TRANSMITTER WITH STATUS QUERY  
RADIO CODE KEYPAD WITH MEMBRANE KEYPAD  
RADIO CODE KEYPAD WITH STAINLESS STEEL KEYPAD  
RADIO INTERNAL PUSH BUTTON 2-K  
RADIO INTERNAL PUSH BUTTON 6-K WITH STATUS QUERY



## Transmitters

The 1-, 2- and 4-channel handheld transmitters BDS210, BDS220 and BDS240 are particularly secure and feature a bidirectional encryption method (BiSure). The BiSure technology also allows the gate status to be queried at the touch of a button (BDS220 and BDS240).



### Transmitter bidirectional, 1-channel

BDS210 with LED, to prevent miscontrols, battery 2 x LR44, incl. ring eyelet



### Handsender bidirectional, 2 bzw. 4-channel

BDS220 and BDS240 with LED and integrated gate status query via key combination with LED feedback indicating whether the gate is closed or open, battery 2 x LR44 incl. ring eyelet

### Radio Code Keypad 10-channel illuminated

BDS691/BDS691-W, IP54, with stainless steel keypad, white or black housing, 2 x AAA batteries, 1.5 V



### RADIO INTERNAL PUSH BUTTON

#### 2-channel

BDS624/BDS624-W, White or black housing, 2 x AAA batteries, 1.5 V



### Radio Code Keypad 10-channel illuminated

BDS690, IP54, with membrane keypad, black housing, 2 x AAA batteries, 1.5 V



### Funk-Innentaster 6-Kanal

BDS664/BDS664-W mit Statusanzeige, Gehäuse weiss oder schwarz, Batterie 2 Stück AAA, 1,5 V



# Technical data

Pulling and pushing force  
GA105 max. 700 N  
GA106 max. 900 N  
GA205 max. 750 N  
GA405 max. 1000 N GA101  
Battery/solar max. 400 N

Number of cycles  
GA105 max. cycles 5/12 (hours/day)  
GA106 max. cycles 8/20 (hours/day)  
GA205 max. cycles 10/25 (hours/day)  
GA405 max. cycles 10/100 (hours/day)  
GA101 battery/solar max. 4 (days)

Motor  
DC motor with Hall sensor

**GA205 und GA405 Fernsteuerung**

- 868 MHz bidirectional  
- Plug-in radio receiver, self-learning,

4-channel BDF140-5  
- Max. 120 different transmission codes programmable  
- 4-channel handheld transmitter BDS240 with status query

**New special functions**

- I Power LED lighting integrated into the housing cover  
Power LED lighting, swivelling for glare-free working  
- 7-segment display visible from outside with control buttons  
- Interface for software updates  
- Integrated Bluetooth module  
- HCP interface for connection

Additional modules such as Homematic gateway, KNX gateway, climate sensor, etc.

**Proven special functions**

- Soft start and soft stop in all door positions  
- Two freely programmable opening heights (ventilation, partial opening)  
- Evaluation for optical sensor contact strip  
- Selectable automatic closing (10-240 seconds)  
- Advance warning (3-60 seconds) separately adjustable for opening and closing  
- Running speed for opening and closing can be set separately  
- Soft running speed for opening and closing can be set separately  
- Optional potential-free relay, function selectable for warning light, external

- Light control, gate closed indicator, gate open indicator, partial opening indicator, wipe signal when command is received, fault message or maintenance interval reached message  
- Defined direction control  
- Input for external command devices (key switch, push button, etc.)  
- Stop input (emergency stop, wicket door) - 2-wire technology possible  
- Light barrier connection  
- Selectable soft run for up-and-over and sectional doors  
- Light barrier connection for contact or 2-wire light barrier  
- Light barrier can be disabled  
- Evaluation for safety contact strip with 8.2 kOhm resistance or optical sensor  
- External light independently selectable via separate radio channel  
- HCP interface for connecting additional modules such as e.g. Homematic gateway, KNX gateway, climate sensor, etc.

**Connection**

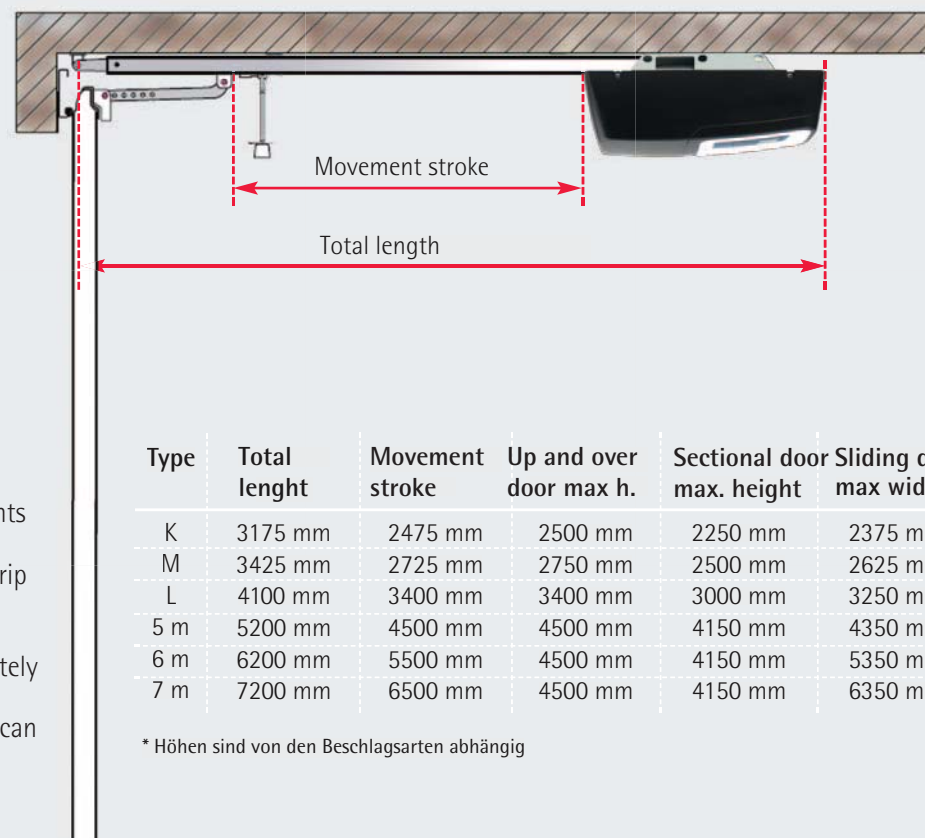
Connection terminals for external devices with 24 VDC safety extra-low voltage, such as indoor and outdoor push buttons with impulse operation

**Guide rail**

Extremely flat at 30 mm  
- With integrated push-on safety device with automatic gate lock  
- In toothed belt or toothed chain design  
- Complete mounting material included in the drive set With universal fitting for up-and-over and sectional doors

**Mains connection**

GA205: 230-240 V AC, max. 300 W  
GA405: 230-240 V AC, max. 400 W  
Protection class For dry rooms only



## The unique Berner rail – use and advantages

**Mechanical anti-lift device**

After the door is closed, the lock automatically engages and prevents it from being pried open without any electricity.

**Flexible rail system**

The flat rail is available in various lengths and is equipped with a quiet, maintenance-free toothed belt or toothed chain.

**Emergency release**

In the event of a power failure, the gate can be opened manually from the inside at any time.

**Durability and installation**

The sturdy profile prevents bending. Installation is simple and effortless, even with longer rails.

Berner garage door operators are equipped with universal fittings for all up-and-over and sectional doors as standard. In addition, a range of special fittings is available for specific installation situations.



Universal fitting for up-and-over doors



Universal fitting for sectional doors with standard and low lintel fitting



Installation bracket for sectional doors (special fitting)



Special fitting for swing gates (Please note: If you require an automatic gate lock, please order our special rail for swing gates)

Berner Torantriebe has been one of the leading manufacturers of gate operators for over 60 years. Its extensive product portfolio includes garage, solar, underground car park, swing and sliding gate operators as well as access control systems.

In addition to the operators, the portfolio has been expanded to include high-quality swing and sliding gates as well as fence systems and side doors. The Berner Living product line, which includes automated aluminium pergolas, is setting new trends in the outdoor sector.

Our goal is to expand the product portfolio in line with the spirit of the times and to optimise our products in terms of technology and sustainability.

The Berner Torantriebe company and selected products have been certified CO2-neutral since 2022. The conscious choice of Germany as our location and our commitment to regionality and sustainable products have been with us for many years.

The name Berner stands for first-class quality, maximum reliability and safety. Our focus is always on the customer.

This is our driving force, which we continue to pursue unchanged.

## Complete range of Berner quality products

Garagedooroperators

Battery- solar operators

Underground car park and industrial door operators

Swing and sliding gate operators

Perimeter protection system

Radio and accessories

Sliding gates

Swing gates

Pergolas

