

Operator systems for **hinged and sliding gates**



NEW

Hall sensor technology
for Comfort 515, 515L



The best operator for any entrance gate.
Safe. Weather-proof. Elegant. Flexible.

Marantec 
Torantriebe  automatisch am besten

Opening and closing doors is just the beginning for us.

As a German manufacturer of innovative door operator and control unit systems it has always been our philosophy to make operators uncompromisingly safe and comfortable. All products are developed solely in our own factories and manufactured on state-of-the-art production lines. Thereby, they meet verifiably all legal requirements and standards and offer beyond that additional safety and comfort features. We set continuously new international standards with numerous patents and innovative developments.

The benefit for our customers: You can be assured to possess one of the safest operator systems in the world, which protects your family and your property to the fullest and at the same time offers comfortable freedom.

The best operator for any entrance gate.

Hinged gate operators for single and double wing gate systems

Elegant and powerful.

Comfort 515, 515L
Comfort 520, 520L

NEW
Hall sensor technology
for Comfort 515, 515L

Wing width:	up to max. 3.5 m and 4.0 m
Wing height:	up to max. 2.5 m (max. 50% closed wing area)
Wing weight:	up to max. 200 kg and 400 kg
Push and pull force:	1.000 N and 1.500 N
Travel speed:	15 – 20 mm/sec.



The invisible operator for hinged gates.

Comfort 580

Wing width:	up to max. 2.5 m
Wing height:	up to max. 2.5 m (max. 50% closed wing area)
Wing weight:	up to max. 250 kg
Push and pull force:	175 N
Travel speed:	150 – 220 mm/sec.



Gate operators are exposed to extreme wind and weather conditions. Therefore Marantec systems are made of high-quality and maintenance-free materials, which become integrated very elegantly and give the gate a modern visual appearance. Their operator technology works exclusively with DC technology. The requirements and best possible safety systems are met solely with this combination. They can be operated through either mains supply, using battery-power or completely self-sufficient using solar energy.
Safety and comfort by technique.

Comfort 515, 515L. **The elegant operator for light hinged gates.**

Comfort 520, 520L. **The powerful hinged gate operator for heavy duty.**

Comfort 580. **The invisible operator for hinged gates.**

Comfort 850, 851. **The sturdy sliding gate operator installed in a column.**

Comfort 850S, 851S. **The powerful sliding gate operator installed in an aluminium housing.**

Comfort 870. **The sleek operator for light sliding gates.**

Sliding gate operators



Comfort 850, 851
 Comfort 850S, 851S

Sturdy operators installed in aluminium housings.

Gate width:	up to max. 8.0 m
Gate weight:	up to max. 400 kg and 800 kg
Push and pull force:	400 N and 800 N
Travel speed:	up to 180 mm/sec., programmable

*Possibility to operate without an active closing edge safety device.**



Comfort 870

Sleek and light.

Gate width:	up to max. 8.0 m
Gate weight:	up to max. 400 kg
Push and pull force:	400 N
Travel speed:	up to max. 180 mm/sec.

*Possibility to operate without an active closing edge safety device.**

* According to EU-Standards no need to use an active protection of closing edge for max. gate weight.

Safety provides confidence. It is the basis of security and a sense of well-being.

Microprocessor controls ①

The universal controls take the permanent electronic control for the complete system for all hinged and sliding gate operators. In operation and also in stand-by mode. For optimal safety.

NEW

Retrofittable or already integrated.

Battery Backup (emergency power) ②

In case of power supply failure the battery backup provides energy supply to the operators. Up to 24 hours for a maximum of 10 door cycles (Open/Close). Battery charges itself during normal operating automatically.

Photocell ③

It offers additional safety for the whole family. Sender and receiver are optimally protected against damages. Through this they guarantee permanent function safety.

Open and Close direction independently programmable.

Patented power limitation

Marantec operator systems detect obstacles at an early stage. The door stops immediately and moves to the CLOSED position reversing appr. 20 cm backwards.

 868 MHz

Tamper-proof radio remote control ④

The multi-bit technology enables more than 281 trillions different radio codes. Thus every hand transmitter becomes a safe unique copy with a comfortable, high operating range.



Proved Safety

Marantec operator systems fulfil verifiably all legal requirements and standards and offer beyond that additional safety and comfort features.

Safety. Comfort. Energy efficiency.

Energy efficiency occurs through continuous improvement. For an environmentally compatible future.

Even suitable for gates without electrical power supply, in conjunction with battery-version.

Alternative energy source ⑥

The sun as a power company. Modern technology enables the alternative operating of the operator system. *Currently available for the Comfort 515 and Comfort 870.*

Comfort is an active support. For a higher quality of life.

*Combinable with
solar module.*

** by an average of 4 door cycles
per day and at an
ambient temperature of 20 °C.*

Programmable

*In connection with
a photocell.*

[E O S] EASY
OPERATING
SYSTEM

Comfort also without electrical power supply

For all gates without an electrical power supply. Holds battery charge up to 30 days.* Easy charging of the battery using the provided charger. Minimal power consumption achieved through active sleep mode developed by Marantec.

Soft-Start and Soft-Stop

The soft-starts and soft-stops can be adjusted. They guarantee a super-quiet door travel. And simultaneously protect the gates and the operator.

Electronic reference point technology and hall sensor technology

They control and operate the gate. This guarantees, accurate to the millimetre, end position cut-off. The gate is protected, the durability of the whole system is increased.

Walk-in wing function and part opening ⑤

Possibility to set part openings for hinged and sliding gates for passage.

Automatic timer function

The gate closes automatically after a pre-programmed period.

EasyOperatingSystem EOS

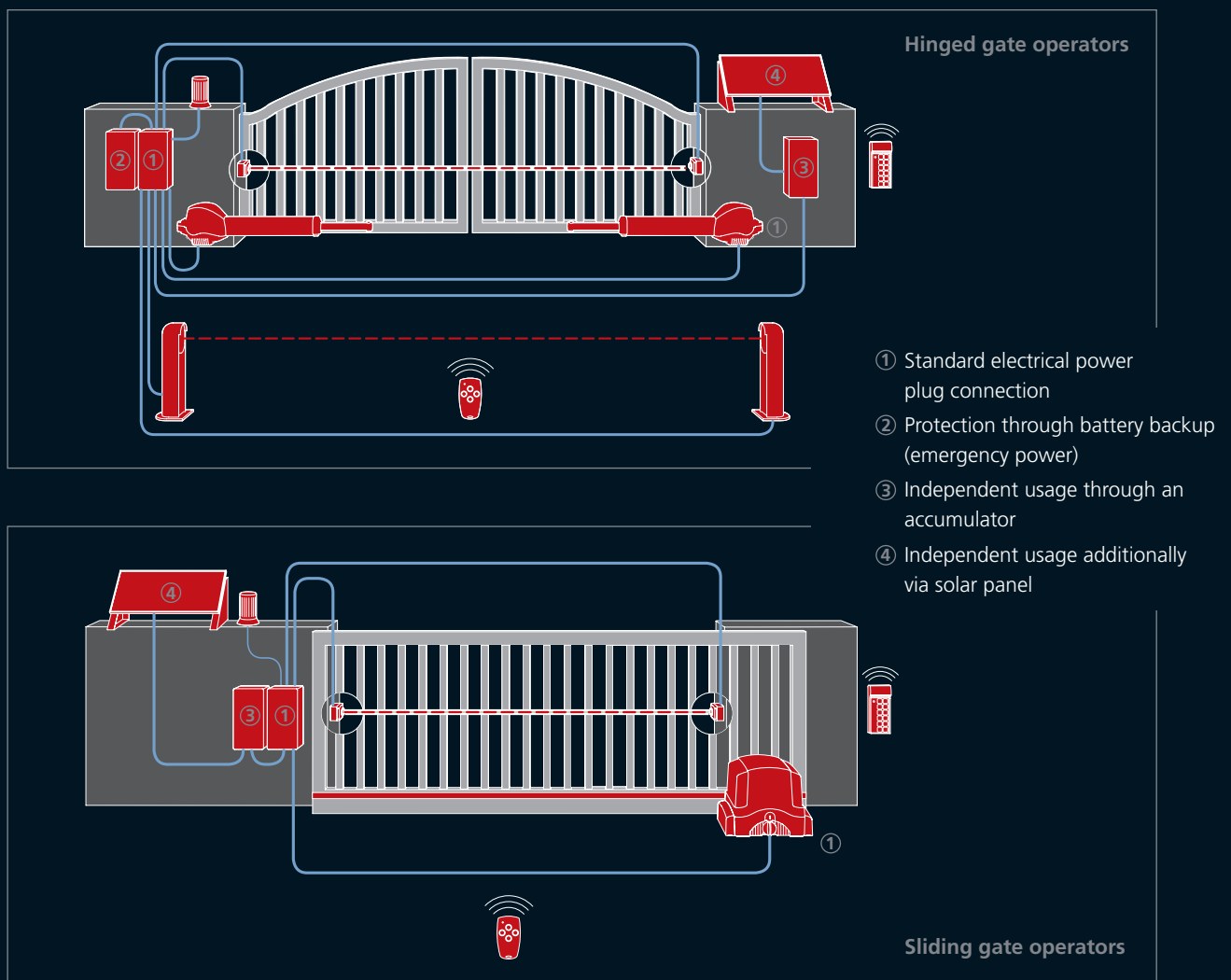
Marantec operator systems are activated using the uniform programming structure. This saves time and simplifies the installation of different operators.



The ideal system for each and every requirement and application.

Entrance gates can be opened and closed comfortably and safely by simply pressing one button. By connecting to the classic power supply or alternative energy sources. It is possible to retrofit modularly or extend all operator systems. The garage door and the exterior lighting can be additionally operated by the hand transmitter.

For all privately used hinged and sliding gates.



The strong operator for heavy sliding gates.

Dynamic 720

The reliable operator system for heavy sliding gates. Equipped with modern frequency converter technology, optional with the Marantec cable transfer system with a built-in 8.2 kOhm evaluation unit.

Gate width:	up to max. 14.0 m
Gate weight:	up to max. 1.300 kg
Push and pull force:	2.000 N

Accessory range. Fulfils individual desires and requirements.

The comprehensive accessory range is available as a simply to install wireless solution or connection to a power supply line. Operating possibilities are varied. At the touch of a button, PIN-code, automatic timer function or card reader unit for example through chip cards.



Digital 302

Mini hand transmitter with 2 functions incl. wall and sun visor holder.



Command 314, 414

Key switch as recessed and surface mounted version.



Digital 304

Mini hand transmitter with 4 functions incl. wall and sun visor holder.



Command 222

Remote digital coder, 4-channel, operation through PIN-code.



Digital 321

Micro hand transmitter single function incl. key chain.



Command 802, 812

Transponder card reader unit through code cards. For a maximum of 30 and 2000 users respectively.



Digital 313

Micro hand transmitter with 3 functions incl. key chain.



Command 613

Lockable pushbutton for Open-Stop-Close.



Digital 323

Hand transmitter with 3 functions for the cigarette lighter.



Special 608

One-way photocell



Command 115

Interior pushbutton for impulse sequence Open-Stop-Close.



Special 402, 403

Electrical lock for post and ground lock



Command 116

Interior pushbutton for direction impulse.



Signal light

Function light. Flashes and lights up, depending on command pulse.

Please ask your specialised dealer for further individual operating possibilities.

Operator systems for garage doors

Operator systems for hinged gates

Operator systems for sliding gates

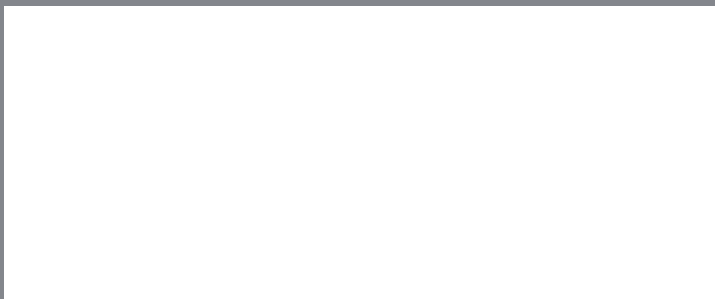
Operator systems for roller shutters and awnings

Operator systems for industrial doors

Operator systems for parc barriers

Accessories

Product-Service



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