

# Comfort 850, 851

Operator systems for sliding gates



FULL SERVICE



OPERATOR SYSTEMS  
FOR GARAGE DOORS



OPERATOR SYSTEMS  
FOR SECTIONAL DOORS



OPERATOR SYSTEMS  
FOR SLIDING GATES



OPERATOR SYSTEMS  
FOR HINGED GATES



OPERATOR SYSTEMS  
FOR ROLLER SHUTTERS



PARC BARRIER  
SYSTEMS



ELECTRONIC  
CONTROL UNITS



PRODUCT SERVICE



ACCESSORIES



## Operator systems for sliding gates in an elegant aluminium post,

for gates with maximum width of 8.000 mm and maximum weight of 800 kg.

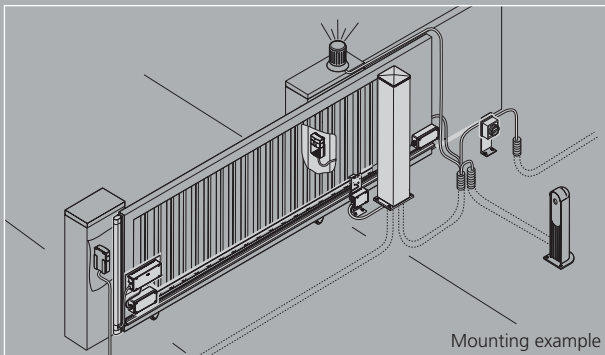
- Anodised aluminium post - also usable as gate post
- Strong and safe DC motor
- Drive cog adjustable in height up to maximum 160 mm
- Power saving technique
- Aluminium posts in two heights
- Certificates according to EN 13241-1
- No active main and second closing edge safety device required
- Multi-functional control unit Control x.80
- Digital 304, Mini hand transmitter, 4-channel

**[E]  
[O]  
[S]** EASY  
OPERATING  
SYSTEM

Marantec

Door operators ► automatically the best choice

## Technical data operator systems Comfort 850, 851



Electrical data	850	851	
Nominal voltage	230	230	V
Nominal frequency	50	50	Hz
Current input	1	1	A
Power consumption in operation	0,2	0,2	KW
Power consumption stand-by	1	1	W
Operating mode (duty cycle)	KB 2	KB 2	min.
Control voltage	24	24	V DC
Protection category motor unit	IP 44	IP 44	
control unit	IP 65	IP 65	
Protection class	II	II	

Mechanical data	850	851	
Push and pull force	400	800	N
Door travel speed	180	180	mm/sec.
Opening time (door specific) approx.	22	22	sec.

General data	850	851	
Measurements post 1	152 x 1250 x 152		mm
post 2	152 x 1500 x 152		mm
mounting plate	210 x 14 x 160		mm
Weight post 1	16,8	18,8	kg
post 2	18,5	20,5	kg
Range of temperature	- 20 to + 60		°C
Certification base	EN 292-1	EN 60335-1	
	EN 61000-6-2	EN 60335-2-103	
	EN 61000-6-3	EN 12445	
	EN 55014	EN 12453	
	EN 61000-3-2	EN 300220-1	
	EN 61000-3-3	EN 301489-3	
	ETS	300683	

### Package

Motor unit Comfort 850 or 851 with integrated electronical control unit Control x.80  
 Mounting plate and pre-assembled drive cog, Modul 4  
 Digital 304 Mini hand transmitter, 4-channel, 868 MHz  
 Release key  
 Heavy-duty dowel set

### Features/safety functions

Reference point technique	x
Soft start /soft stop	x
Push-open security device	x
Automatic cut-out	x
Anti-blocking device	x
Excess travel stop	x
Automatic timer function	x
Electronic travel cut-out	x
Release	x
Economy mode	x
Signal light connection	x
Connection for push buttons, code buttons and key switches	x
Connection possibility for actuation of premises lighting, 3 minutes	x
Part opening programmable	x
Connection for limit switch information	x
Connection alarm system	x
Error message	x
Reset function	x
Door travel speed programmable	x
Lockable and removable profile	x
Drive cog, adjustable in height up to maximum 160 mm	x
Soft run position OPEN and CLOSE programmable	x
Soft run travel speed OPEN and CLOSE programmable	x

### Accessories

Multibit remote control	x
Separate module aerial, 868 MHz, IP 65	x
Signal light	x
Closing edge safety device	x
Photocell	x
Transponder systems	x
Key switches (pre-assembled)	x
Code keypads (pre-assembled with cables or RC)	x
Rack segments	x
Induction loop	x
Inductive signal transmission system	x
Gate bottom seal	x
Empty aluminium post	x

### Plastic toothed rack segments

<b>Special 441</b>	Modul 4 in aluminium cover profile
<b>Special 432</b>	Modul 4 in steel cover profile

### Plastic toothed rack

<b>Special 471</b>	Modul 4 with steel core
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