

# Comfort 870

Operator system for sliding gates

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



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



# NEW

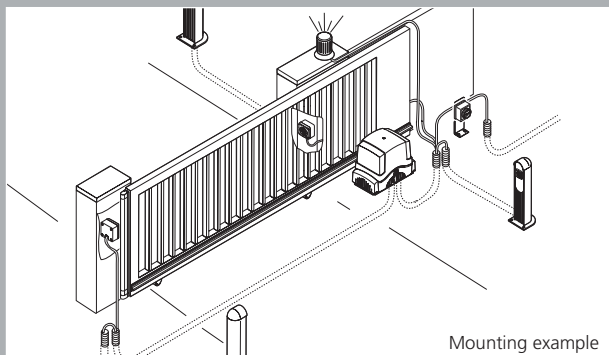
Well-designed, energy saving operator system  
for sliding gates up to maximum gate  
width of 8.000 mm and maximum gate weight of 400 kg

- Effective power saving technique
- Modern DC technology
- New safety technique by means of the innovative microprocessor
- Certificates according to EN 13241-1
- No active main **and** second closing edge safety device required
- Multi-functional control unit Control x.81
- Ground support adjustable in height
- Standard with 4-channel mini hand transmitter

## Marantec

Door operators ► automatically the best choice

## Technical data operator system Comfort 870



Mounting example

### Electrical data

Nominal voltage	230	V
Nominal frequency	50/60	Hz
Current input	1	A
Power consumption in operation	0,2	KW
Power consumption stand-by	1	W
Operating mode (duty cycle)	KB 4	min.
Control voltage	24	V DC
Protection category motor unit	IP 44	
Protection class	II	

### Mechanical data

Push and pull force	400	N
Travel speed	180	mm/sec.
Opening time (door specific) approx.	16-25	sec.

### General data

Measurements motor unit	255x318x 185	mm
Weight	9	kg
Range of temperature	- 20 to + 60	°C
Certification base	EN 292-1 EN 61000-6-2 EN 61000-6-3 EN 55014 EN 61000-3-2 EN 61000-3-3	EN 60335-1 EN 60335-2-103 EN 12445 EN 12453 EN 300220-1 EN 301489-3 ETS 300683

### Package

Motor unit Comfort 870 with integrated electronical control unit Control x.81
Mounting plate and pre-assembled drive cog, Modul 4
Digital 304 Mini hand transmitter, 4-channel, 868 MHz
Release
Dowel kit

### Features/safety functions

Reference point technique	x
Soft start / soft stop	x
Automatic cut-out OPEN and CLOSE, separately programmable	x
Anti-blocking device	x
Excess travel stop	x
Automatic timer function	x
Electronic travel cut-out	x
Release	x
Economy mode	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 potential-free limit switch information	x
Error message	x
Reset function	x
Travel speed programmable	x
Soft run position OPEN and CLOSE, separately programmable	x
Soft run travel speed OPEN and CLOSE, separately programmable	x
Retrofit kit potential-free signal relay for: Signal light, wipe impulse, 3 minutes light, Limit switch information, Error message	x

### Accessories

Multibit remote control	x
Separate module aerial, 868 MHz, IP 65	x
Signal light	x
Closing edge safety device	x
Photocell, 2-wire-technique	x
Transponder systems	x
Key switches, 2-wire-technique	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
Release from outside	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
--------------------	----------------------------



Marantec Antriebs- und Steuerungstechnik GmbH & Co. KG  
Remser Brook 11 · 33428 Marienfeld · Germany  
Tel. +49 52 47 7 05-0 · Fax +49 52 47 7 05-284

# Marantec

Door operators ► automatically the best choice

[www.marantec.com](http://www.marantec.com)