

Comfort 280



Article

Item no. Description

196003 Comfort 280 Set for garage doors up to 200 kg: 24 V-DC motor, 1.000 N, 16 cm/s

Scope of delivery

- Motor unit with integrated control
- Digital 921 Module receiver, 868 MHz bi.linked
- Digital 572 Micro hand transmitter 2-channel, 868 MHz bi.linked
- · Universal installation set for up-and-over and sectional doors
- Mains cable with Euro plug type C, 1,500 mm

Features

Comfort 280

Features

- Compact operator, the length of which can be reduced by 143 mm when rotated 90°
- DC motor: soft start and stop are gentle on the door, separately adjustable opening and closing speeds enable fast opening and standard-compliant closing
- · Integrated control with illuminated LC display and easy programming
- Connections for push button, light barrier, wicket door contact, battery backup and expansion boards for retrofitting additional functions

Features functions

· Power saving technology blueline



- · Soft start/soft stop/soft run
- · Electronic anti-deferral device
- · Blocking protection
- · Runtime limit
- · Reversal of direction of rotation programmable
- Backjump (relief of the closing edge)
- · Automatic feed function (can only be used in conjunction with a light barrier)
- Intermediate position OPEN and CLOSED separately programmable
- Gate travel speed OPEN and CLOSE separately programmable
- Soft run position OPEN and CLOSE separately programmable
- Soft run speed OPEN and CLOSE separately programmable
- Frame function (blanking of frame light barriers)
- Programmable impulse input and output
- · Cycle counter
- Maintenance interval programmable
- Error signaling with error memory
- Multi-level reset function (control, safety, radio, etc.)

Features end position adjustment

· Electronic limit stop

Features operation

- · Marantec EOS programming
- · Programming and status message via LC display
- Programming and diagnostics possible via optional external handheld programmer
- Programming and diagnostics possible via maveo pro by smartphone app

Features structure and connection

- · Connection (conventional) for push button, light barrier and holding circuit
- Pluggable radio receiver
- Connection (MS-Bus) for expansion boards (boards can be integrated)
- Connection (MS bus) for handheld programmer and expansion modules
- · Connection for battery backup
- Output 24 V-DC, max. 50 mA

Digital 921

Features

- IMPULSE function
- Generous memory for up to 200 keys
- · Directly pluggable into the control system
- · Compact size



Digital 572

Features

- · 2 function keys for free assignment
- · Signaling by red LED
- · Eyelet for attachment to keychain or lanyard
- High security through 128-bit AES-encrypted radio transmission and constantly changing radio code (rolling code method)

Use

Comfort 280

	Comfort 280
Width overhead doors (max.) [m]	6
Width of tipping and canopy gates (max.) [m]	6
Height of tilt and canopy gates (max.) [m]	2.25
Width of single-wall sectional doors (max.) [m]	6
Width of double-walled sectional doors (max.) [m]	6
Gate weight (max.) [kg]	200

Digital 921

 For Comfort 260 (accu/speed), 270 (speed), 280, 360, 370, 380 and 390 (plus) from control box R10. For Control x.52, CS 265 and VTA

Digital 572

For all Marantec controls and third-party products (in conjunction with corresponding bi.linked receiver)

Technical data

Comfort 280

- · Overload protection: Shutdown via current consumption
- Continuous sound pressure level (max.) [dB(A)]: 70
- Connection type: Pluggable
- Illuminant: 8 LED module
- · Protection class: IP20
- · Protection class: II
- Width overhead doors (max.)[m]: 6
- Width of tipping and canopy gates (max.)[m]: 6
- Width of single-wall sectional doors (max.)[m]: 6
- Width of double-walled sectional doors (max.)[m]: 6



- Height of tilt and canopy gates (max.)[m]: 2.25
- Gate weight (max.) [kg]: 200
- Temperature (min.)[°C]: -20
- Temperature (max.) [°C]: 60
- Temperature (min./max.) [°C]: -20/60
- Temperature (min.)[°F]: -4°F
- Temperature (max.) [°F]: 140 °F
- Luftfeuchtigkeit (max., nicht kondensierend) [%]: 93
- Push and pull force (max.)[N]: 1,000
- Nominal push and pull force (max.)[N]: 300
- Cycles per hour (max.)*: 6
- Cycles per day (max.): 48
- Running speed (max.) [cm/s]: 16
- Operating voltage [V]: 230 V/1~
- Operating voltage type: Alternating current
- Nominal frequency [Hz]: 50/60
- Motor voltage [V]: 24 V-DC
- Control voltage [V]: 24 V-DC
- Rated current [A]: 1.1
- Power consumption [VA/W/kW]: 0.25 kW
- Power consumption in standby [VA/W/kW]: 0.1 W
- Time to readiness [min]: 1-5
- Width [mm]: 190
- Height [mm]: 125
- Depth[mm]: 360
- Weight [kg]: 3.8
- · Garantie: 5 years

Digital 921

- Channels: 256
- · Number of memory locations: 200
- · Antenna: Wire antenna
- Radio frequency: 868 MHz
- · Radio technology: bi.linked
- Radio coding: Marantec
- · Communication direction: Bidirectional
- Protection class: IP00
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 60
- Temperature (min./max.) [°C]: -20/60
- Temperature (min.) [°F]: -4
- Temperature (max.) [°F]: 140
- Operating voltage [V]: 5 V-DC
- Rated current [A]: 0.002



• Width [mm]: 23

• Height [mm]: 7.7

• Depth[mm]: 48.4

• Packing width: 51

• Packing height: 13

• Packing depth/length: 59

• Packing weight: 0.009

• Freight forwarding articles: No

• GTIN: 4062434001097

Customs tariff number: 85269200Country of origin 1000: Deutschland

• Garantie: 2 years

Digital 572

· Housing type: Micro

• Number of freely programmable keys: 2

• Channels: 2

· Antenna: Integrated

• Radio frequency: 868 MHz

· Radio technology: bi.linked

• Radio coding: Marantec

· Communication direction: Unidirectional

• Color: RAL 9005 RAL 9016

• Temperature (min.) [°C]: -20

• Temperature (max.)[°C]: 60

• Temperature (min./max.)[°C]: -20/60

• Temperature (min.) [°F]: -4

• Temperature (max.)[°F]: 140

• battery type: CR2032, 3 V

• Battery count: 1

• Width [mm]: 39

• Height [mm]: 60

Depth [mm]: 12

• Weight [kg]: 0.03

• Packing width: 56

Packing height: 52

• Packing depth/length: 76

• Packing weight: 0.055

• Freight forwarding articles: No

• GTIN: 4062434000922

Customs tariff number: 85269200Country of origin 1000: Deutschland

· Garantie: 2 years



Accessories

Item no.	Description
177208	SZ 11 Opener rail for garage door openers, 3.08 m profile length, 0.8 mm thickness, toothed belt, 2-piece
177210	SZ 12 Opener rail for garage door openers, 3.33 m profile length, 0.8 mm thickness, toothed belt, 2-piece
177212	SZ 13 Opener rail for garage door openers, 4.09 m profile length, 0.8 mm thickness, toothed belt, 2-piece
101117	Digital 663 3-channel mini hand transmitter with status request, bidirectional, 868 MHz bi.linked
101115	Digital 572 2-channel micro hand transmitter, unidirectional, 868 MHz bi.linked
101106	Digital 564 4-channel mini hand transmitter, unidirectional, 868 MHz bi.linked
101149	Digital 525 4-channel radio code push button with 3 permanent PINs, one temporary PIN and one light button, unidirectional, 868 MHz bi.linked
161336	Digital 520 2-channel radio indoor push button, unidirectional, 868 MHz bi.linked
189602	maveo connect stick Plug & Play WiFi adapter for garage door, swing door and sliding door openers
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192584	maveo connect stick Basic Bundle maveo connect stick and light barrier Special 630 in a set

Predecessors

Item no.	Description	Discontinuation
183422	Comfort 280 Set for garage doors up to 200 kg: 24 V-DC motor, 1.000 N, 16 cm/s	
183497	Comfort 280 Set for garage doors up to 200 kg: 24 V-DC motor, 1.000 N, 16 cm/s	
183503	Comfort 280 Set for garage doors up to 200 kg: 24 V-DC motor, 1.000 N, 16 cm/s	
183527	Comfort 280 Set for garage doors up to 200 kg: 24 V-DC motor, 1.000 N, 16 cm/s	

Technical drawings

Comfort 280





