

Kit for automation of a residential two-leaf gate, each leaf measuring up to 2m in width and weighing up to 200 kg

Downee®

MH-WS2S

Compact and elegant for swing gates, suitable for large posts



Reliable and noiseless: die-cast painted aluminium base, gear motor mounted on bearings

Extra safe: thanks to the low voltage connections (24V), the colour code wiring, the range of accessories and the automatic obstacle detection feature

Auto-programming and diagnostic system: automatically calculates the most suitable operating parameters for each gate. Identifies and immediately signals any connection errors or malfunction

“Plug ‘n Play” connections: very simple and quick, with easy identification of wires and terminals. **ECSBus system** for connection of up to seven pairs of photocells using only two wires

Minimum waiting in front of the gate: only 18 seconds to open and close (in perfect installations conditions)

Control unit with integrated receiver featuring:

- 2 variable speeds for smooth operations
- timed and adjustable automatic closing function
- easy programming of new transmitters (up to 150)
- obstacle sensitivity and partial opening adjustments

Quick motor release: for manual gate operation

Each MH-WS2S Full Kit contains:

2 x MH-WS1 Electromechanical gear motors with integrated control unit and 433.92MHz variable code receiver

New Curved anti-shear arms, three release Keys, opening mechanical stop and mounting plates included

2 x MH-TX4
433.92 MHz 4 buttons variable code remote control



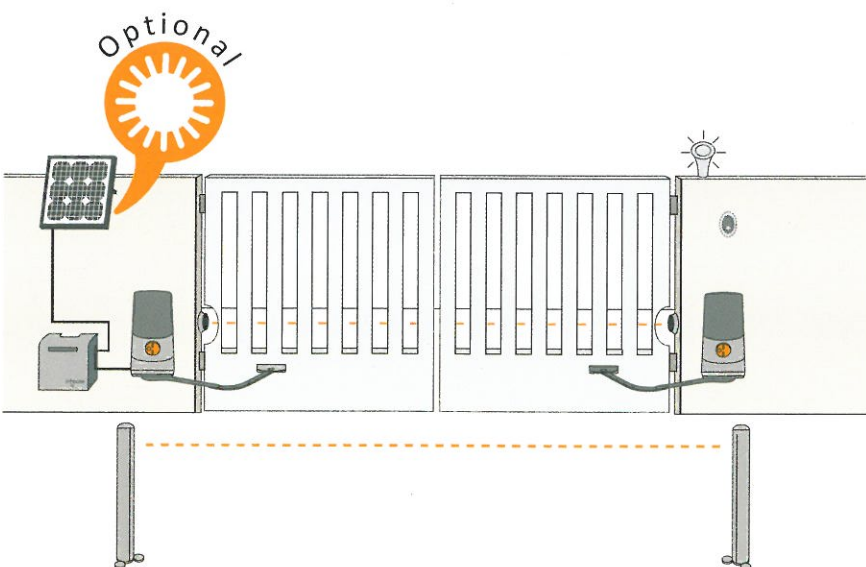
1 x MH-PH1
Pair of ECSBUS wall mounted autosynchronized photocells



1 x MH-KS1 two position (open/stop) key-operated selector switch with pair of metal keys



1 x MH-FL1
Adjustable flashing light, with built-in aerial



OPTIONS:

MH-SUN uses solar energy, replacing the electrical mains as the source of power for opening the gate. The battery, recharged by the solar panel, provides a reserve of energy for a great number of cycles.

- Can be installed anywhere without the need for excavations or connections to the electrical mains. The ideal solution for remote sites.
- Low consumption with no risk of blackouts.
- The energy reserve levels, combined with low consumption of the motor, guarantee operation even in prolonged overcast weather conditions.
- Optional power supply, which allows a quick battery recharge through 240 V electric system as an alternative to the photovoltaic module (MH-MBC).



Also available **MH-WS2S/02 START KIT:**

2 x MH-WS1 Electromechanical gear motors with integrated control unit 433.92MHz variable code receiver.



1 x TX4 433.92 MHz 4 buttons variable code transmitter



Accessories:

MH-EL1 12V electric lock interface



MH-PLA10 vertical electric lock



MH-PLA11 horizontal electric lock

MH-PT50 Two 485mm high posts including one pair photocells



MH-PT100 Two 945mm high posts including two pairs photocells

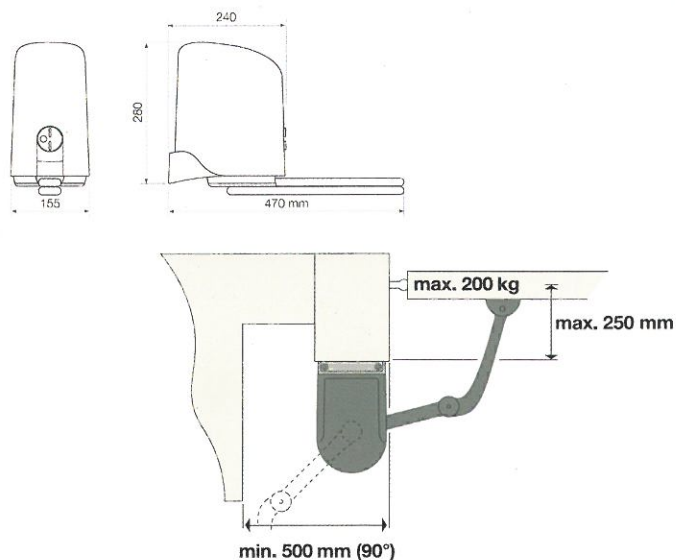
MH-PR1 24V buffer battery for emergency power supply



MH-DS1 13-key wireless keypad with programmable code



MH-R2 12/24V receiver used to control other automations such as garage openers and alarms



Technical characteristics of WS2 gear motor

	Slow	Fast
Control unit power supply (Vac)	240	
Motor power supply (Vdc)	24	
Absorbed rated current (A)	100	
Nominal torque (Nm)	200 (360 max)	
Maximum speed (mm/s)	11	17
Protection class (IP)	54	
Weight (kg)	6.2	

Requires physical stops in closing position

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