

MhouseKit GD10

The maximum power for garage doors



Kit for automation of a sectional garage door and up-and-over doors* measuring up to 5m wide and 3.5m high

** with GA1 accessory*

For quick installation in any space, with 180° adjustable head

Easy installation with the Mhouse ECSBus system: only two wires are required for polarity free connection of the main system components. The colour-coded terminals, each of which identifies a set, enable quick, error-proof connections

Reliable and noiseless: mechanical parts made of metal, belt drive with sturdy steel core, high-resistance galvanized steel guide **(four 1-meter pieces)**

Powerful timed courtesy light: 21W

No waiting in front of the gate: only 23 seconds to open and close (in perfect installation conditions, for a sectional door 3.5m high)

“Plug 'n Play” connections very simple and quick, with easy identification of wires and terminals

Maximum safety ensured by the low voltage connections (24V), the safety accessories and the magnetic encoder: automatic obstacle detection feature, with extra sensitive cut-in threshold thanks to **mapping of the force along the entire travel**

Auto-programming: GD10 automatically calculates the most suitable operating parameters for each door

Autodiagnostic system: identifies and immediately signals any connection errors or malfunctions

Modular control card with integrated receiver

- 2 speeds
- Timed and adjustable automatic closing function
- Programming of new transmitters (up to 150)
- Adjustable partial opening function
- Pause time adjustment
- Obstacle sensitivity adjustment
- Automatic recognition of NC-NO-8.2K safety devices, if installed

Manual release for manual door operation in case of power failures

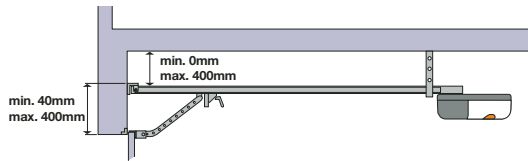
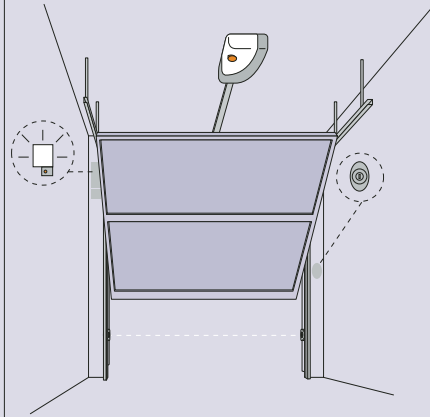
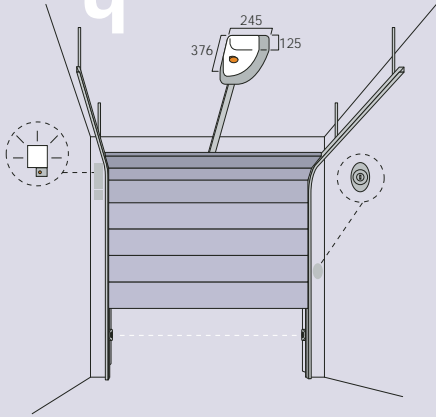
No black-out: the buffer batteries guarantee up to ten opening and closing manoeuvres even in the event of power outages (accessory)



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Installation



Operating limits

	Sectional	Overhead
Max door wide (m)	5	5
Max door height (m)	3.5	3.5
Max no. of manoeuvres/day	50*	
Max thrust (N)	1000	
Operating temperature (°c)	-20 ÷ +50	

*opening + closing

Connections

The gauges of the required power cables are specified on the technical literature (the length varies according to the installation layout)

1 Assemble the three-section guide and position the head as required

2 Fasten the guide to the wall and the motor to the ceiling, then screw the bracket onto the door

3 The system will adjust automatically once the user has set the operating parameters

4 GD10 is ready for use



Each Kit GD10 contains:

1 GD10 230Vac electromechanical gear motor with integrated control unit and 433.92MHz variable code receiver, belt drive on galvanized steel guide, emergency release device

2 TX4 433.92MHz 4 buttons variable code transmitters



Accessories:

GA1 Oscillating arm sliding on bearings. **Compulsory for counterbalanced overhead doors**



GU1 Kit for external release using steel cord



Accessories:

PH1 Pair of wall-mounted autosynchronized photocells



KS1 Two-position (open/stop) key-operated selector switch with pair of metal keys



DS1 13-key digital switch with programmable code, via radio



FL1 Adjustable flashing light with incorporated aerial



PT50 Two posts of 485mm high complete with a pair of premounted photocells



PR1 24V buffer battery for emergency power supply

