

Easy. Easier. Mhouse.

The revolutionary system
for automating your home
in an incredibly quick
and easy way

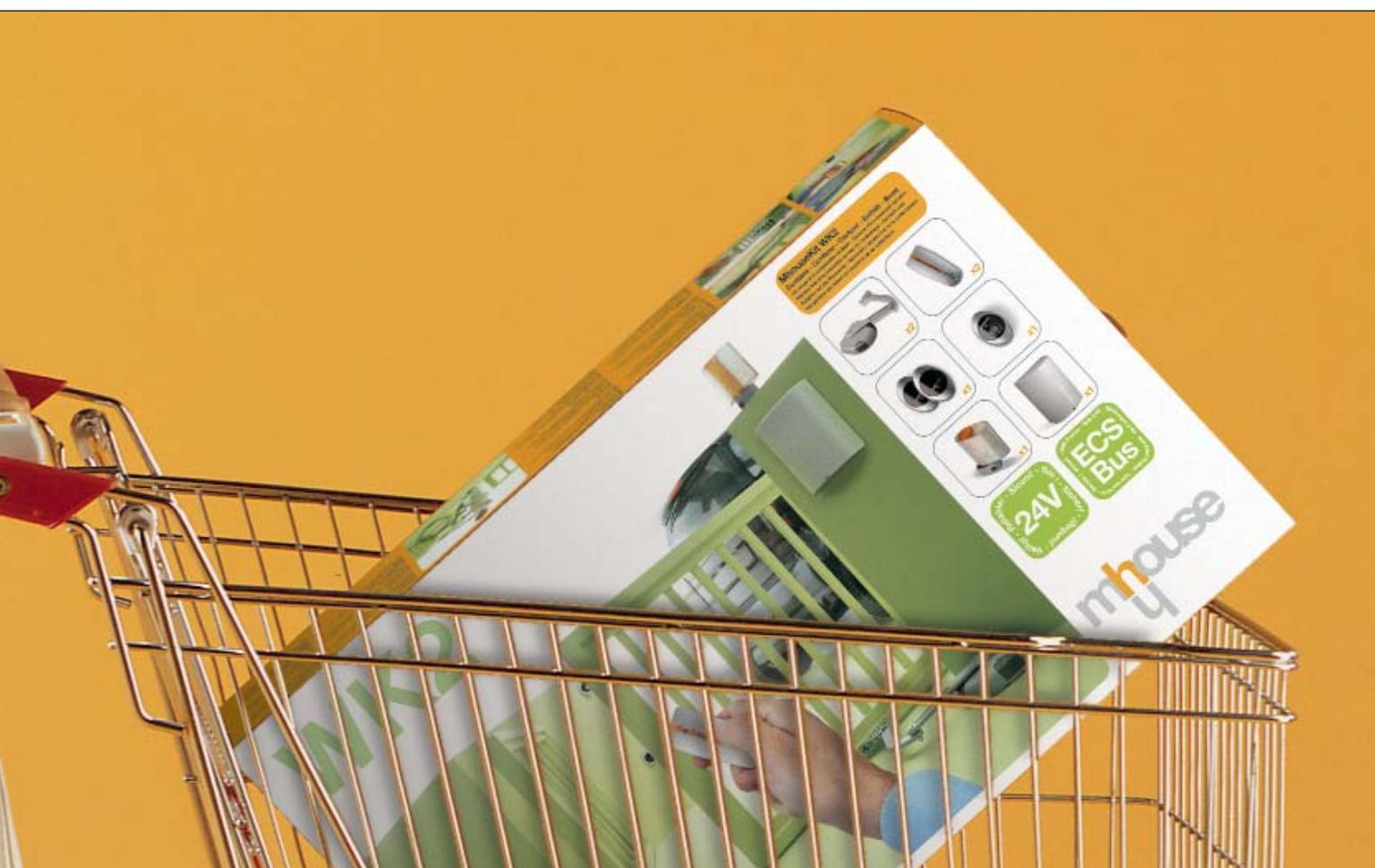
2006 Catalogue



mhouse
the house in a click
4

Mhouse self fit Kit: everything's easy, everything's included!





Mhouse has developed a leading-edge range of products combining a complete set of functions, ease of installation and use, and expandability towards home automation applications

Find out more about this revolutionary self fit kit system for automating gates, garage doors, awnings and rolling shutters in an incredibly quick and easy way

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Mhouse: the first of its kind!



A button and Mhouse will take care of the rest!

Upon initial activation, the self-programming feature will search for the connected devices and automatically adjust the stop positions: at that point the system will just be waiting for your commands

All the functions you need, but easy to select and activate: slow/fast movement, partial opening... all with just one click!

Easy for everyone

To make the purchase, installation and use of an automated system that is reliable and easy to maintain, accessible to as many people as possible: Mhouse invests endless resources into research and development to offer solutions that transform into genuine advantages

The convenient key-operated Mhouse release device, allows you to effortlessly open and close the gate manually using just one hand. Very convenient in the rain or when you are carrying the groceries...

Style and substance

Mhouse has created a perfect Italian-style line of products characterised by careful, efficient design, so distinctive as to be always recognizable

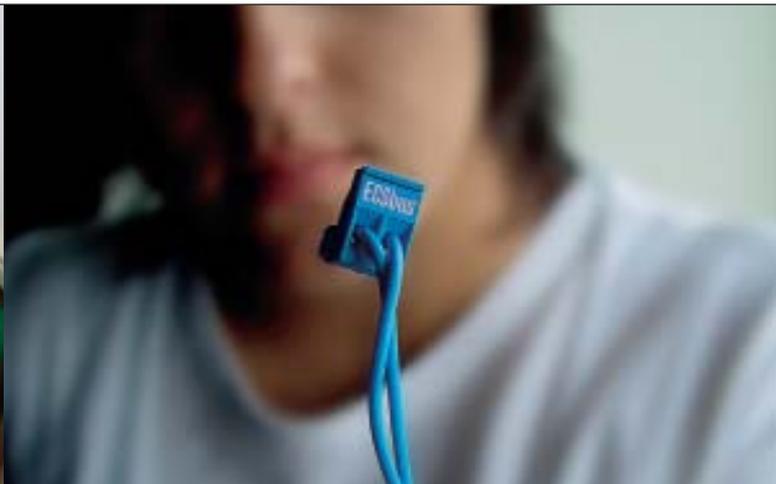
A good design is the basis of quality

Mhouse's awareness to achieve the finest results is revealed in every detail: cutting-edge technology, high quality materials, meticulous finish



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ECSbus: you just can't go wrong



Only two wires!

This innovative Mhouse system, called ECSbus, enables the connection of all the photo security devices using only two wires.

To reduce the chance of errors even further, ECSbus is polarity free, so that it is impossible to mistake the order of the connections.

The exclusive technology developed by Mhouse makes wiring much easier by drastically reducing the number of wires to be laid, and allows you to upgrade or expand the installation at any time and any point by simply connecting two additional wires

Quick, foolproof connections

with the removable terminals, colour coded and silkscreened for clearer identification

Maximum safety

ensured by the low voltage connections and the automatic obstacle detection feature

Ready for the future

Mhouse's ECSbus System is compatible with the most commonly used standards in the domotics field



StartKit

MhouseKit SL1 StartKit

Contains - Contiene - Contient - Enthält - Bevat
 Kit range and accessories on back - Gamma kit e accessori sul retro
 Gamma kits et accessoires au dos de l'emballage - Zubehör und
 Zubehör auf der Rückseite - Gamma kit e accessori ad la parte
 Het gamma van kit en accessoires op de achterkant



Sicuro! - Sür!
 Gelimblet!
24V
 Sicher!
 Safe & sound! - Only 1 wire!

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Choosing the right system



WG2, WG20

Kit for automation of a two-leaf gate
pages 10-13



WS2, WK2

Kit for automation of a two-leaf gate, also with large pillars
pages 14-17



WU2

Kit for automation of a two-leaf gate. Innovative underground/floor installation
pages 18-19



SL1, SL10

Kit for automation of a sliding gate
pages 20-23



GD0, GD1, GD10

Kit for automation of a residential sectional garage door or an up-and-over garage door with springs or counterweights
pages 24-29



RS, RM, RME

Kit for automation of a rolling shutter, awning or sun screen, with or without built-in control units and receivers. Mechanical or electronic limit switch

pages 30-35

RT3, RC2

The new systems to control tubular motors via radio without a built-in control unit and complete the home automation with the control of the garden lighting and irrigation systems

pages 36-37

Control electronics:

miniaturized transmitters, pre-wired receivers, control units

page 38

Safety accessories:

flashing light, synchronised photocells and selectors

pages 39-42

MhouseKit

They are available in two versions: **Standard**, more complete and comfortable; **StartKit**, with all that is necessary for basic installation



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MhouseKit WG2

The strong solution for swing gates



Kit for automation of a residential two-leaf gate, each leaf measuring up to 2m in width and weighing up to 250kg

Also available in the StartKit version, complete with a WG1 motor, a CL2 control unit and a TX4 transmitter

Strength and elegance: WG2, with its die-cast aluminium casing that will match any style, can open the heaviest gates without effort

No welding required adjustable multi-position brackets

No waiting in front of the gate: only 15 seconds to open and close (in perfect installation conditions, making the most of the whole run and with a 90° opening)

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

Extra safe thanks to the low-voltage connections (24V), the safety accessories and the automatic obstacle detection feature

Auto-programming: WG2 automatically calculates the most suitable operating parameters for each gate

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

Quick motor release for manual gate operation

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

Each Kit WG2 contains:

2 WG1 Electromechanical worm gear motor with three Mhouse release keys and adjustable mounting brackets included



2 TX4 433.92MHz 4 button variable code transmitters



1 PH1 Pair of wall-mounted autosynchronized photocells



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



1 FL1 Adjustable flashing light, with built-in aerial



1 CL2 External control unit for control of two WG1 electromechanical gear motors with integrated 433.92MHz variable code receiver

**Accessories:**

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



EL1 12V electric lock interface



PT50 Two 485mm high posts including one pair of photocells
PT100 Two 945mm high posts including two pairs of photocells



PR1 24V buffer battery for emergency power supply

**Packaging characteristics**

Package dimensions (mm)	780x180x450
Package weight (kg)	16.75
StartKit Package weight (kg)	16.25
Palletization (pcs)	14
EAN code	8032595790037
EAN StartKit Code	8032595790273

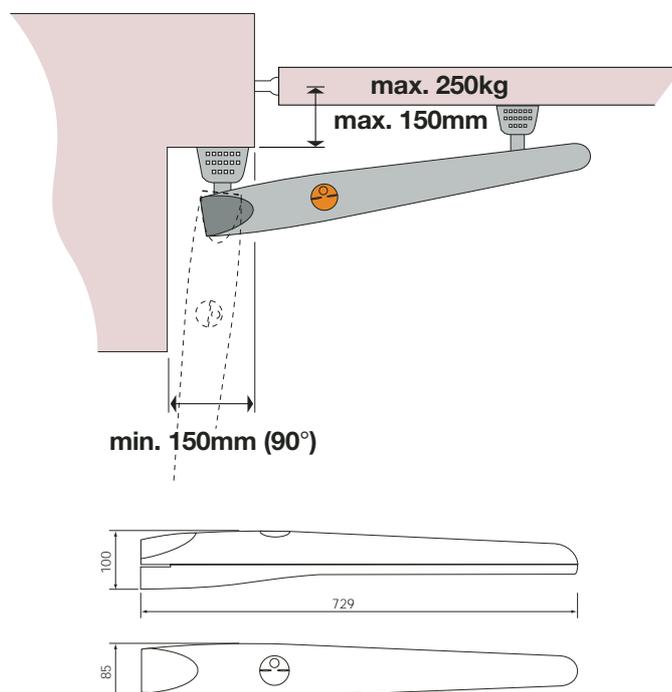
Technical characteristics of WG1 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Absorbed rated current (A)	2	
Nominal thrust (Nm)	800 (1400 max)	
Maximum speed (mm/sec)	16	22
Travel (mm)	390 (330)*	
Protection class (IP)	54	
Weight (kg)	6	

* Data with opening/closing limit switch between brackets



The content of the package may vary:
consult the retailer.



MhouseKit WG20

The most powerful, for swing gates



Kit for the automation of a residential two-leaf gate, each leaf measuring up to 4.5m in width and weighing up to 400kg for leaf

Also available in the StartKit version, complete with a WG10 motor, a CL20 control unit and a TX4 transmitter

Strength and elegance: WG20, with its die-cast aluminium casing that will match any style, can open the heaviest gates without effort

No welding required adjustable multi-position brackets

No waiting in front of the gate: only 20 seconds to open and close (in perfect installation conditions, making the most of the whole run and with a 90° opening)

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

Extra safe thanks to the low-voltage connections (24V), the safety accessories and the automatic obstacle detection feature

Auto-programming: WG20 automatically calculates the most suitable operating parameters for each gate

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

Quick motor release for manual gate operation

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

Each Kit WG20 contains:

2 WG10 Electromechanical worm gear motor with three Mhouse release keys and adjustable mounting brackets included



2 TX4 433.92MHz 4 button variable code transmitters



1 PH1 Pair of wall-mounted autosynchronized photocells



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



1 FL1 Adjustable flashing light, with built-in aerial



1 CL20 External control unit for control of two WG10 series electromechanical gear motors with integrated 433.92MHz variable code receiver

**Accessories:**

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



EL1 12V electric lock interface



PT50 Two 485mm high posts including one pair of photocells
PT100 Two 945mm high posts including two pairs of photocells



PR1 24V buffer battery for emergency power supply

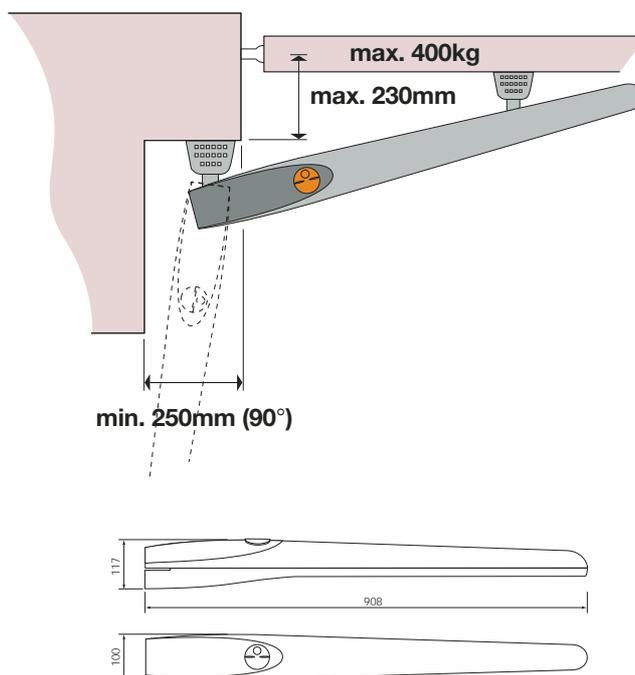
**Packaging characteristics**

Package dimensions (mm)	949x391x166
Package weight (kg)	23.25
StartKit Package weight (kg)	22.85
Palletization (pcs)	14
EAN code	8032595790686
EAN StartKit Code	8032595790839

Technical characteristics of WG10 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Absorbed rated current (A)	2.3	
Nominal thrust (Nm)	1200 (1800 max)	
Maximum speed (mm/sec)	13	24
Travel (mm)	540 (480)*	
Protection class (IP)	44	
Weight (kg)	10	

* Data with opening/closing limit switch between brackets



The content of the package may vary:
consult the retailer.

MhouseKit WS2

Compact and elegant for swing gates, suitable also for large posts



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

Especially suitable for gates made of wood or PVC

Also available in the StratKit version with WS1C and WS1 motors and TX4 transmitter

Compact and fast: WS2 is ideal for gates with very deep pillars, which can be easily operated thanks to its articulated arm. Its smooth and precise movements make it suitable for the most delicate gates

Precise: opening/closing mechanical stops

No waiting in front of the gate: only 10 seconds to open and close (in perfect installation conditions, making the most of the whole run and with a 90° opening)

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

Extra safe thanks to the low-voltage connections (24V), the safety accessories and the automatic obstacle detection feature

Auto-programming: WS2 automatically calculates the most suitable operating parameters for each gate

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

Quick motor release for manual gate operation

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

Each Kit WS2 contains:

1 WS1C Electromechanical gear motor with control unit for control of two motors with integrated 433.92MHz variable code receiver

1 WS1 Electromechanical gear motor without control unit

New curved anti-shear arms, three Mhouse release keys, opening and closing mechanical stop and mounting plates included



2 TX4 433.92MHz 4 button variable code transmitters



1 PH1 Pair of wall-mounted autosynchronized photocells



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



1 FL1 Adjustable flashing light, with built-in aerial

**Accessories:**

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



EL1 12V electric lock interface



PT50 Two 485mm high posts including one pair of photocells
PT100 Two 945mm high posts including two pairs of photocells



PR1 24V buffer battery for emergency power supply

**Packaging characteristics**

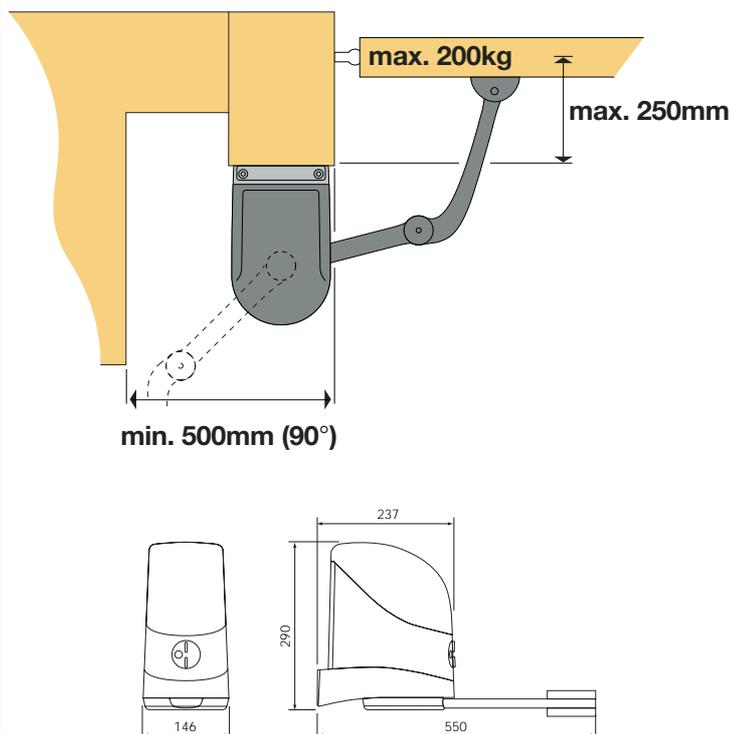
Package dimensions (mm)	760x200x430
Package weight (kg)	18
StartKit Package weight (kg)	17.5
Palletization (pcs)	17
EAN code	8032595790358
EAN StartKit Code	8032595790365

Technical characteristics of WS1 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Absorbed rated current (A)	100	
Nominal torque (Nm)	200 (360 max)	
Maximum speed (degrees/sec)	11	17
Protection class (IP)	54	
Weight (kg)	6.2	



The content of the package may vary: consult the retailer.



MhouseKit WK2

For wood or PVC swing gates with large pillars



Kit for automation of a residential two-leaf gate, each leaf measuring up to 1.8m in width and weighing up to 200kg

Especially suitable for gates made of wood or PVC

Also available in the StartKit version, complete with two WK1 motors, two curved WKA arms, a CL2 control unit and a TX4 transmitter

Compact and fast: WK2 is ideal for gates with very deep pillars, which can be easily operated thanks to its articulated arm. Its smooth and precise movements make it suitable for the most delicate gates

No waiting in front of the gate: only 10 seconds to open and close (in perfect installation conditions, making the most of the whole run and with a 90° opening)

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

Extra safe thanks to the low-voltage connections (24V), the safety accessories and the automatic obstacle detection feature

Auto-programming: WK2 automatically calculates the most suitable operating parameters for each gate

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

Quick motor release for manual gate operation

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

Each Kit WK2 contains:

2 WK1 Electromechanical gear motors.
Three Mhouse release keys and mounting plate included
2 WKA Curved anti-shear arms



2 TX4 433.92MHz 4 button variable code transmitters



1 PH1 Pair of wall-mounted autosynchronized photocells



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



1 FL1 Adjustable flashing light, with built-in aerial



1 CL2 External control unit for control of two WK1 gear motors with integrated 433.92MHz variable code receiver



Accessories:

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



EL1 12V electric lock interface



PT50 Two 485mm high posts including one pair of photocells
PT100 Two 945mm high posts including two pairs of photocells



PR1 24V buffer battery for emergency power supply



Packaging characteristics

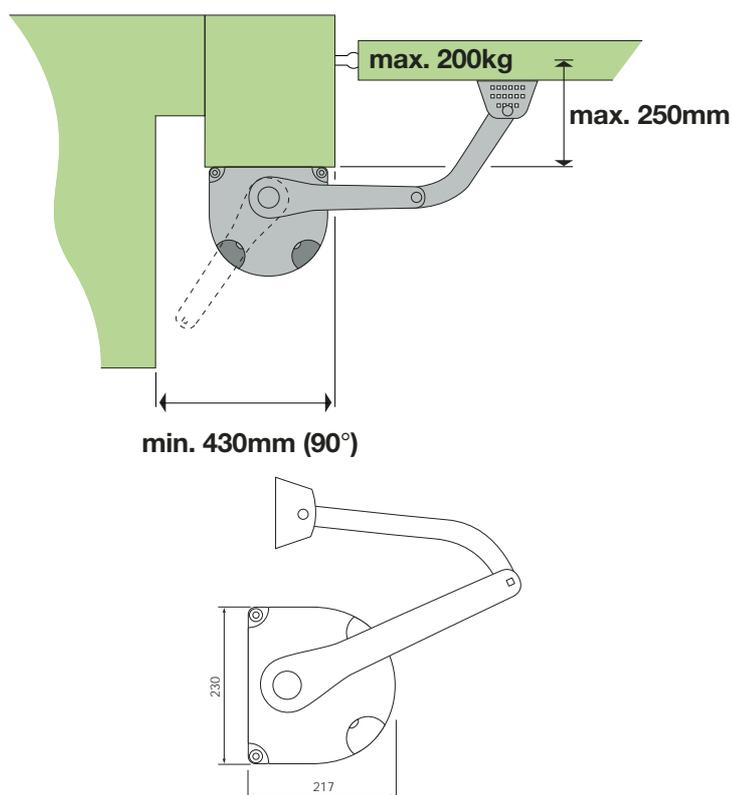
Package dimensions (mm)	680x170x400
Package weight (kg)	20.20
StartKit Package weight (kg)	19.80
Palletization (pcs)	18
EAN code	8032595790020
EAN StartKit Code	8032595790280

Technical characteristics of WK1 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Absorbed rated current (A)	2	
Nominal torque (Nm)	200 (360 max)	
Maximum speed (degrees/sec)	11	17
Protection class (IP)	54	
Weight (kg)	7	

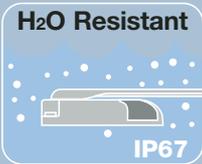


The content of the package may vary:
consult the retailer.



MhouseKit WU2

Ultrathin, it can be fixed under the leaf for minimum overall dimensions



Kit for automation of a residential two-leaf gate, each leaf measuring up to 1.8m in width and weighing up to 200kg

The most stylish and discreet: the very reduced height of the motor (73.5mm) allows it to be installed between the gate leaf and the ground. By partially burying the motor, the total clearance required is only 60mm!

Also available in the StartKit version, complete with two WU1 motors, two straight WUA arms, a CL2 control unit and a TX4 transmitter

Simple and economic: with WU2 no excavations or structural modifications are needed in order to bury the motor under the gate, so you won't have to spend money for masonry work

Guaranteed IP67 water-tightness; extremely sturdy casing made entirely of die-cast sealed aluminium

No waiting in front of the gate: only 9 seconds to open and close (in perfect installation conditions, making the most of the whole run and with a 90° opening)

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

Extra safe thanks to the low-voltage connections (24V), the safety accessories and the automatic obstacle detection feature

Auto-programming: WU2 automatically calculates the most suitable operating parameters for each gate

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

Quick motor release from the inside or outside for manual gate operation

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

Small size foundation boxes, included in the kit

Each Kit WU2 contains:

2 WU1 Electromechanical gear motors.
Three Mhouse release keys
and foundation/mounting plate included
2 WUA Straight slotted arms



2 TX4 433.92MHz 4 button
variable code transmitters



1 PH1 Pair of wall-mounted
autosynchronized photocells



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



1 FL1 Adjustable flashing light,
with built-in aerial



1 CL2 External control unit
for control of two WU1
electromechanical gear motors
with integrated 433.92MHz
variable code receiver

**Accessories:**

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



EL1 12V electric lock
interface



PT50 Two 485mm high posts
including one pair of photocells
PT100 Two 945mm high posts
including two pairs of photocells



PR1 24V buffer battery
for emergency power supply

**Packaging characteristics**

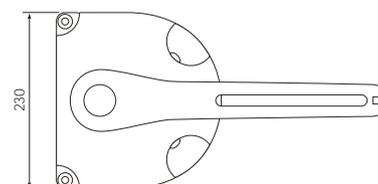
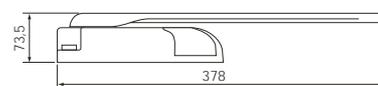
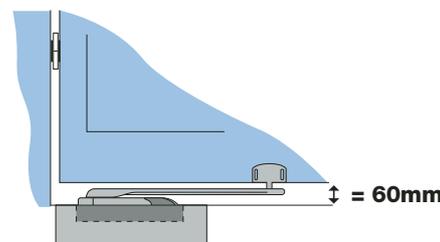
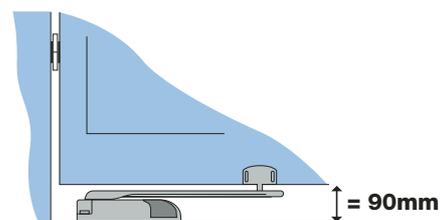
Package dimensions (mm)	680x170x400
Package weight (kg)	18.25
StartKit Package weight (kg)	17.75
Palletization (pcs)	18
EAN code	8032595790013
EAN StartKit Code	8032595790297

Technical characteristics of WU1 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Absorbed rated current (A)	2	
Nominal torque (Nm)	200 (360 max)	
Maximum speed (degrees/sec)	11	17
Protection class (IP)	67	
Weight (kg)	7	



The content of the package may vary:
consult the retailer.



MhouseKit SL1

Compact and elegant, for sliding gates



Kit for automation of a residential sliding gate weighing up to 350kg

Also available in the StartKit version, complete with an SL1 motor and a TX4 transmitter

Reliable and noiseless: mechanical parts made of metal, die-cast painted aluminium base, gear motor mounted on bearings

No waiting in front of the gate: only 18 seconds to open and close (in perfect installation conditions, for a sliding gate 4 long)

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

Extra safe thanks to the low-voltage connections (24V), the safety accessories and the automatic obstacle detection feature

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

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

Quick motor release for manual gate operation

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

Each Kit SL1 contains:

1 SL1 Electromechanical gear motor with integrated control unit and 433.92MHz variable code receiver. Three Mhouse release keys and mounting plate included



2 TX4 433.92MHz 4 button variable code transmitters



1 PH1 Pair of wall-mounted autosynchronized photocells



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



1 FL1 Adjustable flashing light, with built-in aerial



Accessories:

CR100 Nylon gear rack with steel core, four 1-metre sections
CR25 one 1-metre sections



PT50 Two 485mm high posts including one pair of photocells
PT100 Two 945mm high posts including two pairs of photocells



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



PR1 24V buffer battery for emergency power supply



Packaging characteristics

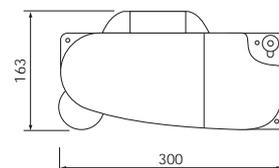
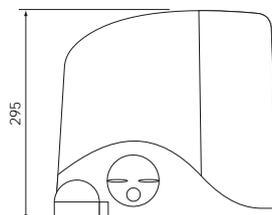
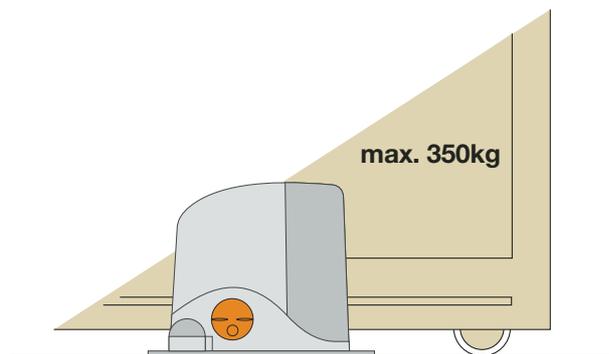
Package dimensions (mm)	560x210x360
Package weight (kg)	11.30
StartKit Package weight (kg)	10.80
Palletization (pcs)	21
EAN code	8032595790051
EAN StartKit Code	8032595790266

Technical characteristics of SL1 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Max power absorbed (W)	300	
Nominal thrust (N)	173	
Maximum speed (m/s)	0.16	0.25
Protection class (IP)	44	
Weight (kg)	9	



The content of the package may vary: consult the retailer.



MhouseKit SL10

Strong for sliding gates



Kit for automation of a residential sliding gate weighing up to 500kg

Also available in the StartKit version, complete with an SL10 motor and a TX4 transmitter

Reliable and noiseless: mechanical parts made of metal, die-cast painted aluminium base, gear motor mounted on bearings

No waiting in front of the gate: only 23 seconds to open and close (in perfect installation conditions, for a sliding gate 4 long)

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

Extra safe thanks to the low-voltage connections (24V), the safety accessories and the automatic obstacle detection feature

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

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

Quick motor release for manual gate operation

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

Each Kit SL10 contains:

1 SL10 Electromechanical gear motor with integrated control unit and 433.92MHz variable code receiver. Three Mhouse release keys and mounting plate included



2 TX4 433.92MHz 4 button variable code transmitters



1 PH1 Pair of wall-mounted autosynchronized photocells



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



1 FL1 Adjustable flashing light, with built-in aerial



Accessories:

CR100 Nylon gear rack with steel core, four 1-metre sections
CR25 one 1-metre sections



PT50 Two 485mm high posts including one pair of photocells
PT100 Two 945mm high posts including two pairs of photocells



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



PR1 24V buffer battery for emergency power supply



Packaging characteristics

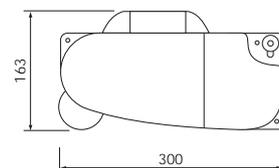
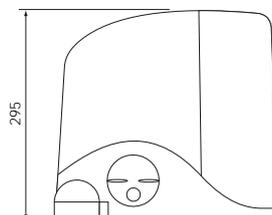
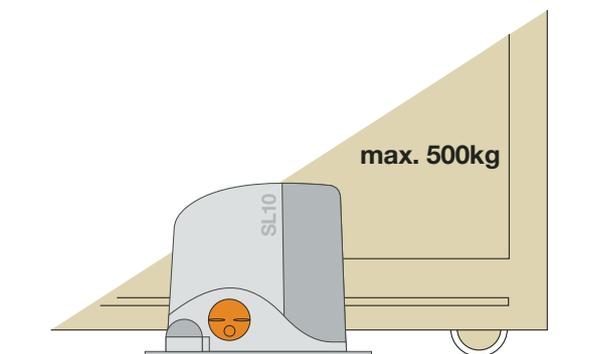
Package dimensions (mm)	560x210x360
Package weight (kg)	11.80
StartKit Package weight (kg)	11.40
Palletization (pcs)	21
EAN code	8032595790730
EAN StartKit Code	8032595790822

Technical characteristics of SL10 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Max power absorbed (W)	420	
Nominal thrust (N)	250	
Maximum speed (m/s)	0.12	0.18
Protection class (IP)	44	
Weight (kg)	10	



The content of the package may vary: consult the retailer.



MhouseKit GD0

User-friendly and quick to install in any garage



Kit for automation of a sectional door up to 3.5m in width and up to 2.5m high and up-and-over doors* up to 3.5m in width and up to 2.8m high

** with GA1 accessory*

Pre-assembled for quick installation in any space, with 180° adjustable head

Also available in the StartKit version, complete with a GD0 motor and a TX4 transmitter

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

Powerful timed courtesy light: 21W

No waiting in front of the gate: only 18 seconds to open and close (in perfect installation conditions, for a sectional door 2.5m high)

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: GD0 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

Each Kit GD0 contains:

1 GD0 Pre-assembled electromechanical 24V 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 button variable code transmitters

**Accessories:**

GA1 Oscillating arm sliding on bearings. **Compulsory for counterbalanced up-and-over doors**



GU1 Kit for external release using steel cord



PH0 Pair of wall-mounted autosynchronized photocells



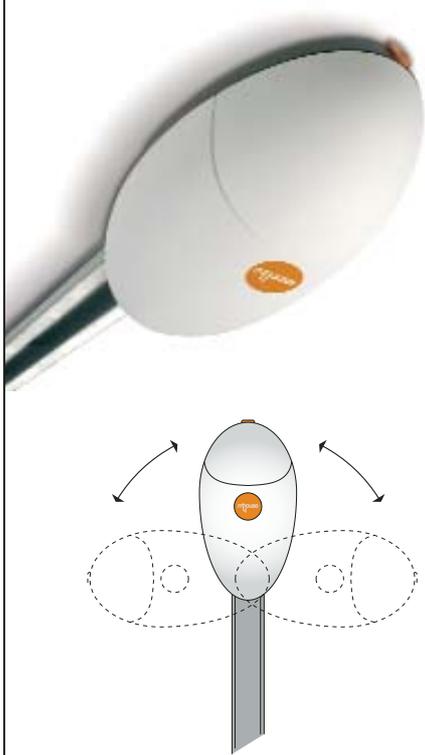
KS1 Two-position (open/stop) key-operated selector switch with pair of metal keys



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



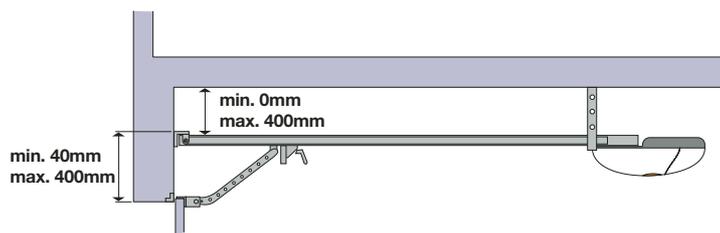
FL1 Adjustable flashing light with built-in aerial

**Packaging characteristics**

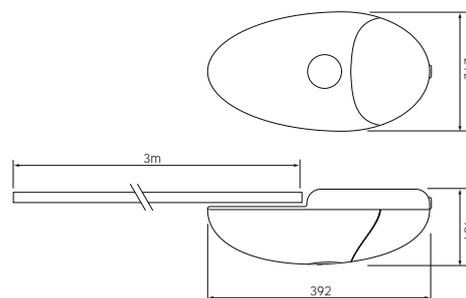
Package dimensions (mm)	1.033x245x188
Package weight (kg)	14.90
StartKit Package weight (kg)	14.50
Palletization (pcs)	15
EAN code	8032595790679
EAN StartKit Code	8032595790709

Technical characteristics of GD0 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Max power absorbed (W)	200	
Max thrust (N)	550	
Maximum speed (m/sec)	0.08	0.14
Travel (mm)	2500	
Protection class (IP)	40	
Weight (kg)	3	



The content of the package may vary; consult the retailer.



MhouseKit GD1

Safety and comfort for garage doors



Kit for automation of a residential sectional garage up to 4.2m wide and up to 2.5m high and up-and-over doors* up to 4.2m wide and up to 2.8m high

** with GA1 accessory*

Pre-assembled for quick installation in any space, with 180° adjustable head

Also available in the StartKit version, complete with a GD1 motor and a TX4 transmitter

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

Powerful timed courtesy light: 21W

No waiting in front of the gate: only 15 seconds to open and close (in perfect installation conditions, for a sectional door 2.5m high)

“Plug ’n Play” connections

very simple and quick, with easy identification of wires and terminals

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

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**

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

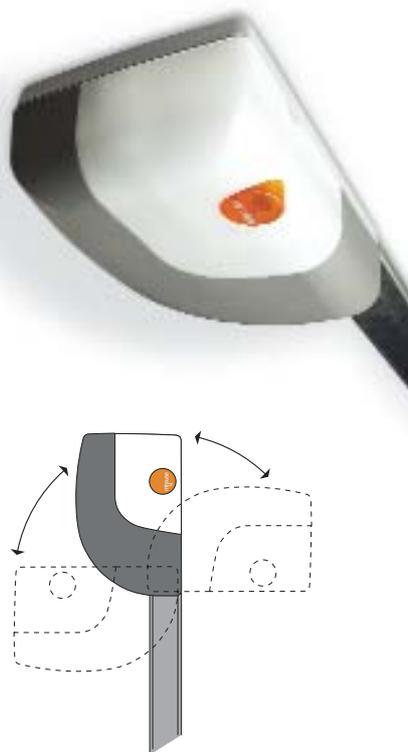
Modular control card with integrated receiver

- 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

Each Kit GD1 contains:

1 GD1 Pre-assembled electromechanical 24V 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 button variable code transmitters

**Accessories:**

GA1 Oscillating arm sliding on bearings. **Compulsory for counterbalanced up-and-over doors**

**Accessories:**

GU1 Kit for external release using steel cord



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 built-in aerial



PT50 Two 485mm high posts including one pair of photocells

**Packaging characteristics**

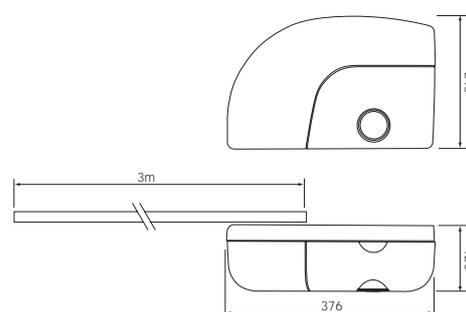
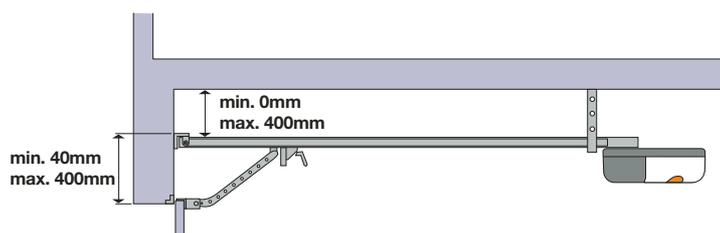
Package dimensions (mm)	1050x215x250
Package weight (kg)	15.40
StartKit Package weight (kg)	14.90
Palletization (pcs)	15
EAN code	8032595790044
EAN StartKit Code	8032595790440

Technical characteristics of GD1 gear motor

	Slow	Fast
Control unit power supply (Vac)	230	
Motor power supply (Vdc)	24	36
Max power absorbed (W)	250	
Max thrust (N)	600	
Maximum speed (m/sec)	0.10	0.18
Travel (mm)	2500	
Protection class (IP)	40	
Weight (kg)	4	



The content of the package may vary: consult the retailer.



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*

Pre-assembled for quick installation in any space, with 180° adjustable head

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

Easy Connection System: ECSBus system for connection of up to seven pairs of photocells using only two wires

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

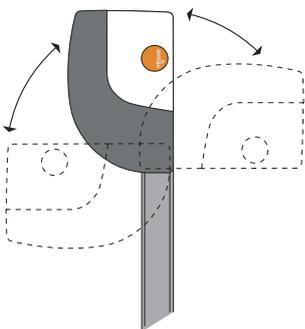
Autodiagnostic system: identifies and immediately signals any connection errors or malfunctions

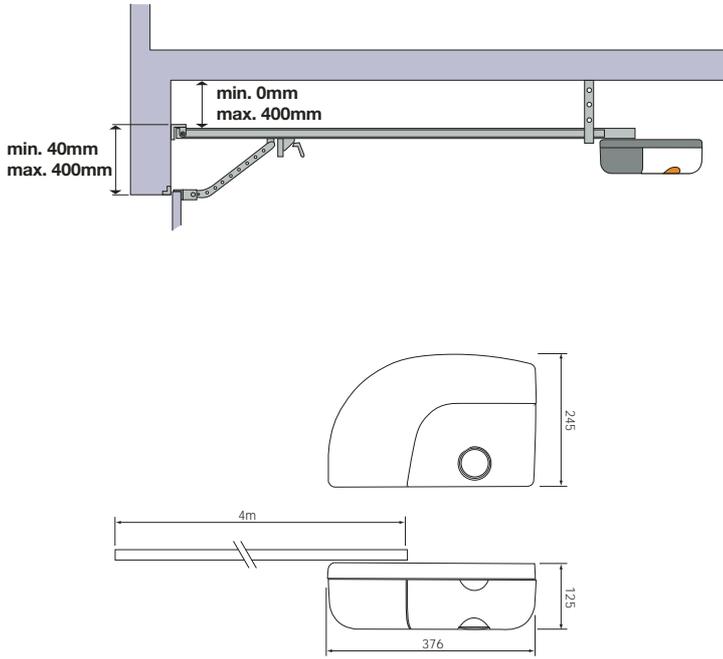
Modular control card with integrated receiver

- 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)

Each Kit GD10 contains:		Accessories:			
<p>1 GD10 Pre-assembled electromechanical 230Vac gear motor with integrated control unit and 433.92MHz variable code receiver, belt drive on galvanized steel guide, emergency release device</p>  	<p>2 TX4 433.92MHz 4 button variable code transmitters</p> 	<p>GA1 Oscillating arm sliding on bearings. Compulsory for counterbalanced up-and-over doors</p> 	<p>GU1 Kit for external release using steel cord</p> 		
	Accessories:		<p>PH1 Pair of wall-mounted autosynchronized photocells</p> 	<p>KS1 Two-position (open/stop) key-operated selector switch with pair of metal keys</p> 	<p>DS1 13-key digital switch with programmable code, via radio</p> 
	<p>FL1 Adjustable flashing light with built-in aerial</p> 	<p>PT50 Two 485mm high posts including one pair of photocells</p> 	<p>PR1 24V buffer battery for emergency power supply</p> 		

Packaging characteristics	Technical characteristics of GD10 gear motor																												
Package dimensions (mm)	1050x215x250																												
Package weight (kg)	15.90																												
Palletization (pcs)	15																												
EAN code	8032595790716																												
 <p><i>The content of the package may vary: consult the retailer.</i></p>	<table border="1"> <thead> <tr> <th></th> <th>Slow</th> <th>Fast</th> </tr> </thead> <tbody> <tr> <td>Control unit power supply (Vac)</td> <td colspan="2">230</td> </tr> <tr> <td>Motor power supply (Vdc)</td> <td>24</td> <td>36</td> </tr> <tr> <td>Max power absorbed (W)</td> <td colspan="2">370</td> </tr> <tr> <td>Max thrust (N)</td> <td colspan="2">1.000</td> </tr> <tr> <td>Nominal speed (m/sec)</td> <td>0.10</td> <td>0.15</td> </tr> <tr> <td>Travel (mm)</td> <td colspan="2">3500</td> </tr> <tr> <td>Protection class (IP)</td> <td colspan="2">40</td> </tr> <tr> <td>Weight (kg)</td> <td colspan="2">5</td> </tr> </tbody> </table>			Slow	Fast	Control unit power supply (Vac)	230		Motor power supply (Vdc)	24	36	Max power absorbed (W)	370		Max thrust (N)	1.000		Nominal speed (m/sec)	0.10	0.15	Travel (mm)	3500		Protection class (IP)	40		Weight (kg)	5	
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Protection class (IP)	40																												
Weight (kg)	5																												
																													

MhouseKit RS6 - RS10

Comfort for small rolling shutters



Kits for rolling shutter or awning automation, featuring 35mm diameter tubular motors

Convenience: powerful, noiseless and reliable motor mounted on bearings

Double insulation
maximum safety, a lot of time and effort are saved, only 3 wires for power supply, grounding wire not required

Easy installation

- easy installation thanks to the special octagonal adapter and support provided
- easy and accurate adjustment of the opened and closed positions by means of mechanical stops
- pre-connected 3-metre motor cable; immediate connection to activation buttons

Radio controlled **with the kit RT3, composed of a control unit with RC1 receiver and a 3 button TX3 transmitter (optional):** easy to install and ready to use.



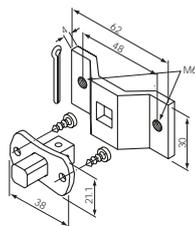
Each Kit RS contains:

RS 35mm diameter 230Vac tubular gear motor with mechanical stops, equipped with key for stop adjustment

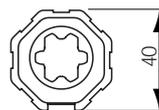
RS6, 6Nm torque

RS10, 10Nm torque

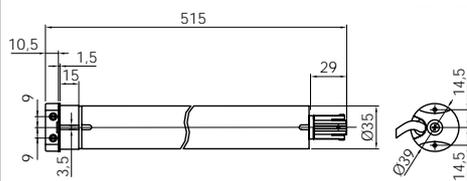
1 AR6 Kit: bracket + square pin, threaded holes



1 AR7 40mm octagonal adapter. Crown + wheel

**Accessories:**

RT3 awnings and rolling shutters radiocontrol Kit. Consisting of a RC1 control unit and a 3 button TX3 transmitter with wall bracket

**Packaging characteristics**

RS6	
Package dimensions (mm)	600x100x100
Package weight (kg)	1.5
Palletization (pcs)	160
EAN code	8032595790594
RS10	
Package dimensions (mm)	600x100x100
Package weight (kg)	1.7
Palletization (pcs)	160
EAN code	8032595790433

Technical characteristics of RS gear motors

	RS6	RS10
Power supply (Vac)	230	
Power (W)	100	130
Current (A)	0.45	0.57
Load (kg)	12	18
RPM	12	
Torque (Nm)	6	10
End stroke	0÷41	
Cable (m)	3	
Certification	CE	

Rolling shutters: measure the size of the shutter, height by width = m²

Max m²	1.3	2.1	2.6	4.2
Wood	RS6	RS10	-	-
Aluminium/PVC	RS6	RS6	RS6	RS10

With 40mm adapter

Vertical awning: consider only the weight of the batten used to keep the canvas taut (max weight 5m)



The content of the package may vary:
consult the retailer.

MhouseKit RM15 - RM30 - RM45

Comfort and safety for any awnings



Kits for rolling shutter or awning automation, featuring 45mm diameter tubular motors

Convenience: powerful, noiseless and reliable motor mounted on bearings

Easy installation

- with the special octagonal adapter and support provided
- easy and accurate adjustment of the opened and closed positions by means of mechanical stops
- pre-connected 3-metre motor cable; immediate connection to activation buttons

Radio controlled **with the kit RT3, composed of a control unit with RC1 receiver and a 3 button TX3 transmitter (optional):** easy to install and ready to use.



MhouseKit RME15 - RME30 - RME45

Easy installations and advanced performances for awnings and rolling shutters



Kits for rolling shutter or awning automation, including a 45mm diameter tubular motors with built-in control unit and receiver and electronic limit-switch

Also available in the StartKit version, complete with an RME motor with related support and adaptor. TX3 transmitter not included

Utmost convenience: pre-memorised TX3 transmitter included

Comfort: powerful, noiseless and reliable

Easy installation thanks to the special octagonal adaptor and support provided

Acoustic and visual signals as a guide through the programming phase

Easy and comfortable (TX3) radio controlled limit switch adjustment, without having to open the shutters box

Possibility of programming a stop at an intermediate position

Electronic limit-switch: pin-point precision and long lasting retention of the set values, optimum and invariable stress on the rolling shutter



Safety: obstacle detection with arrest of the movement in the event of ice or security blocks on the shutter

Possibility of controlling the motor units with the optional TX4 transmitter

Each Kit RME contains:

RME 45mm diameter 230Vac tubular gear motor with built-in control unit, receiver and electronic limit-switches

RME15, 15Nm torque

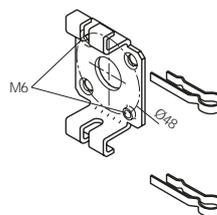
RME30, 30Nm torque

RME45, 45Nm torque

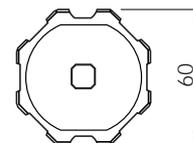
1 TX3 433.92MHz 3 buttons variable code transmitter, complete with wall bracket



1 AR1 Standard support with M6 threaded holes



1 AR4 60mm octagonal adapter. Crown + wheel

**Accessories:**

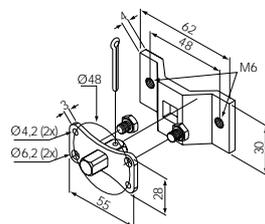
2 TX4 433.92MHz 4 button variable code transmitters



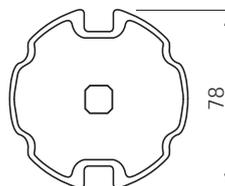
DS1 13-key digital switch with programmable code, via radio



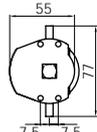
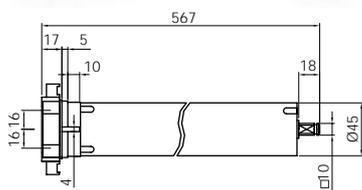
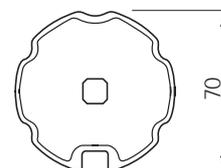
AR2 Kit bracket and square pivot 10mm threaded hole



AR3 78mm cigar-shaped adapter. Crown + wheel



AR5 70mm cigar-shaped adapter. Crown + wheel

**Packaging characteristics****RME15**

Package dimensions (mm)	600x100x100
Package weight (kg)	2.8
StartKit Package weight (kg)	2.8
Palletization (pcs)	160
EAN code	8032595790532
EAN StartKit Code	8032595790549

RME30

Package dimensions (mm)	600x100x100
Package weight (kg)	2.8
StartKit Package weight (kg)	2.8
Palletization (pcs)	160
EAN code	8032595790556
EAN StartKit Code	8032595790563

RME45

Package dimensions (mm)	600x100x100
Package weight (kg)	3.25
StartKit Package weight (kg)	3.25
Palletization (pcs)	160
EAN code	8032595790570
EAN StartKit Code	8032595790587



The content of the package may vary: consult the retailer.

Technical characteristics of RME gear motors

	RME15	RME30	RME45
Power supply (Vac)	230		
Power (W)	200	285	265
Current (A)	0.8	1.3	1.15
Load (kg)	28	56	90
RPM	16		
Torque (Nm)	15	30	45
End stroke	0÷43		
Cable (m)	3		
Certification	CE		

Rolling shutters: measure the area of the shutter, height by width = m²

Max m ²	2.8	5	5.6	9	10	16
Wood	RME15	RME30	RME30	RME45	-	-
Aluminium/PVC	RME15	RME15	RME30	RME30	RME30	RME45

With 60 mm adapter

Awnings: once the diameter of the tube has been established, intersect the projection value with the number of awning arms

Ø Tube	70		78		
	2	4	2	4	
Arm projection (m)	1.5	RME15	RME30	RME15	RME30
	2	RME30		RME30	RME45
	2.5		RME30	RME30	
	3	RME45		RME45	
	4	RME45	-	-	-
	5		-	-	-

MhouseKit RT3

The simple kit to control any not preset rolling shutters



Kit to radiocontrol any rolling shutter and awning containing one RC1 receiver and a 3 button TX3 transmitter, unclonable



The TX3 transmitter, produced for the control of rolling shutters and awnings, has three buttons, up, stop and down, and thanks to the 18 billion billion variable code combinations, guarantees absolute security

Built-in 433.92MHz radio receiver possibility of memorising up to 30 transmitters

RC1 control unit is suitable for all RM and RS series tubular motors or any motor up to 500W

Compact size: only 98x26x20mm

Protection class: IP55

Complete with wall bracket

Technical characteristics

Possibility of remote control
 Power supply (Vac)
 Power (W)
 Dimensions (mm)
 Weight (gr)



User-friendly installation and ready for use immediately

TX3 technical characteristics

with TX4 and TX3 transmitters
230
500
98x26x20
45
See page 38

Mhouse RC2

Lighting, irrigation and burglar systems controlled by a single remote control



The receiver RC2 allows to control at a distance lighting, irrigation and burglar systems using the same TX4 transmitter used for the gate and garage door automation

The control unit is suitable to supply loads with 230Vac mains supply and an output of 500W

Compact size:
only 98x26x20mm

Protection class: IP55

Built-in 433.92MHz radio receiver:
with over 18 billion billion combinations and the possibility of memorising up to 30 transmitters

User-friendly installation
and ready for use immediately

Internal terminal board for connection

Automatic switch off: possibility of programming 2 independent timers from a minimum of 0.5" to a maximum of approximately 9 hours

Maximum control versatility with 2 transmitter memorisation modes
Modo I: ON - OFF with separate buttons
Modo II: ON - OFF - MAN PRESENT - TIMER

Technical characteristics of RC2

Power supply (Vac)	230
Power (W)	500
Manoeuvre duration (sec)	TIMER1 TIMER2 from 0,5" to 540'
Programmable functions (Mode 1)	On-Off
Programmable functions (Mode 2)	On - Off - MAN PRESENT Timer 1 - Timer 2
Dimensions (mm)	98x26x20
Weight (gr)	45



Mhouse TX4

Design and safety to control all the home automations

Miniaturized 4 buttons variable code transmitters with 433.92MHz transmission frequency and self-learning function



Total security ensured by the variable code with 18 billion billion combinations! Unclonable: the code varies with each transmission according to an algorithm that masks the code and does not show any relation with the following ones, which can only be recognized by the Mhouse receiver: the same technology used in antitheft systems

Convenience: four keys for control of as many devices, transmission confirmation LED, key ring eyelet. Very autonomous and lightweight with the two 3V lithium batteries



Technical characteristics of TX4

Frequency (MHz)	433.92
Coding	Digital 64bit (18 billion billion)
Range (m)	50-100
Power supply	6V +20% -40% with CR2016 type lithium battery
Buttons	4
Dimensions (mm)	72x31x11h
Weight (gr)	18

Mhouse TX3

New and efficient for rolling shutters and awnings

Miniaturized 3 buttons variable code transmitters with 433.92MHz transmission frequency and self-learning function



The TX3 transmitter with its three up, stop and down buttons, has been specifically produced for the control of rolling shutters and awnings

Convenience: transmission confirmation LED, key ring eyelet. Very autonomous and lightweight with the two 3V lithium batteries

Practical wall rest included in the package

Total security ensured by the variable code with 18 billion billion combinations! Unclonable: the code varies with each transmission according to an algorithm that masks the code and does not show any relation with the following ones, which can only be recognized by the Mhouse receiver: the same technology used in antitheft systems



Technical characteristics of TX3

Frequency (MHz)	433.92
Coding	Digital 64bit (18 billion billion)
Range (m)	50-100
Power supply	6V +20% -40% with type lithium CR2016 battery
Buttons	3
Dimensions (mm)	72x31x11h
Weight (gr)	18

Mhouse R2

Intelligent: pre-wired for maximum speed and practicality

Pre-wired receiver:
2 variable code outputs
with 433.92MHz
transmission frequency
and self-learning function



Easy installation:

the colour-coded terminals enable quick, error-proof connections.
This universal receiver can also be used with pre-existing automations.
Two outputs for control of as many devices, which can be freely linked to any key on the transmitter

Convenience: programming key for transmitter memorization.
Remote code memorization using an authorized transmitter.
A LED confirms that the transmitter is operational

Technical characteristics of R2

Frequency (MHz)	433.92
Memory (no. of transmitters)	256
Power supply (Vac-Vdc)	12-24
Outputs	2
Dimensions (mm)	86x57x22h
Weight (gr)	55



Mhouse KS1

Handy, efficient and safe

Two-position key-operated selector switch



Easy installation: the colour-coded terminals, each of which identifies a set, enable quick, error-proof connections

Convenience: LED helps locate the selector switch even in total darkness.
Equipped with two metal keys.
Possibility of commanding two different functions associated with the turning direction of the key

Security: electronics protected by a second plastic enclosure to prevent damage during installation

Sturdiness: extra thick polycarbonate body

Protection class: IP55

Mhouse DS1

Safe and clever, exclusive design

Digital switch with programmable code, via radio



Radio digital switch with programmable code 13-key radio digital switch: wireless easy installation. Compatible with the Mhouse receivers with rolling code technology. It generates 18 billion billion combinations, with self-learning functions

Handy: no wiring necessary, 100m outdoors (35m indoor range)

Strong: vandal-proof die-cast aluminum casing, IP44

Complete: 3 transmission channels to control as many automations

Light-up-when-necessary button

Safe: 9.999.999.999 possible combinations by choosing a number from 0 up to 10 figures

Clever: very easy code-changing. The same system used for mobile phone with PUK code in case you forget the one you programmed

Cheap: extra low consumption, transmission is activated when any key is pressed and it switches itself off automatically

Technical specifications DS1

Frequency (MHz)	433.92 ± 100KH
Radio coding	rolling code 64bit
Range (m)	100; 35 if inside buildings
Power supply	6Vdc with 2 CR2430 type lithium batteries
Battery life (estimated)	2 years with 10 transmissions per day
No. of figure combination	from 0 to 10
Protection rating (IP)	44
Dimensions (mm)	65x95x33
Weight (g)	260



Mhouse PH1 - PH0

Compact, elegant, practical

Pair of wall-mounted
autosynchronized photocells



PH1

Easy installation with the Mhouse ECSBus system: only two wires are required for connection of the main system components, and there is no need to follow any particular order! The colour-coded terminals, each of which identifies a set, enable quick, error-proof connections.

Wasting time connecting to the photocell terminals is no longer necessary, simply connect the two wires at any point within the system.

Convenient jumpers for selection of the required function.

Up to 7 pairs of photocells can be installed without worrying about their proximity

PH0

Pair of synchronised traditional photocells (without ECSBus system)

Technical characteristics

PH1 power supply

PH0 power supply

Protection class (IP)

Common features

Maximum security: electronics protected by a second plastic enclosure to prevent damage during installation. The antidazzle circuit protects you from blinding glares generated by the sun or other powerful light sources

Convenience: very simple alignment thanks to the LED signal with proportional flashing

Sturdiness: extra thick polycarbonate body

Provided directly by the ECSBus system

Standard 12-24Vac/Vdc

55

Mhouse PT50 - PT100

Preassembled: efficiency and quick installation

PT50: pair of 485mm
high posts, with a
pre-assembled photocell
on each, adjustable height

PT100: pair of 945mm
high posts, with two
pre-assembled photocells
on each, adjustable height



Easy installation with the Mhouse

ECSBus system: only two wires are required for connection of the main system components, and there is no need to follow any particular order!

The colour-coded terminals, each of which identifies a set, enable quick, error-proof connections.

Wasting time connecting to the photocell terminals is no longer necessary, simply connect the two wires at any point within the system

Sturdy and elegant: made of profiled aluminium with polycarbonate front and shock-resistant base

Convenience: very simple alignment thanks to the LED signal with proportional flashing. Convenient jumpers for selection of the required function

Technical characteristics of PT50-PT100

Power supply

Protection class (IP)

Maximum security: electronics protected by a second plastic enclosure to prevent damage during installation.

The antidazzle circuit protects you from blinding glares generated by the sun or other powerful light sources.

Suitable for Mhouse systems of any size, since up to 7 pairs of photocells can be installed without worrying about their proximity



Provided directly by the ECSBus system

55

Mhouse FL1

Elegant and functional; the distinctive mark of security

Adjustable flashing light with integrated aerial for 433.92MHz frequency



Easy installation: can be mounted in any position using the base designed for wall or horizontal installation

Maximum security: with diffuser that rotates 360° to aim the signal in the most suitable direction. High efficiency lenses optimise visibility. **Integrated aerial**, invisible from the outside for protection against vandalism

Convenience: easy availability and replacement of the powerful lamp used in the automotive industry

Durability: shock-resistant polycarbonate structure



Technical characteristics of FL1

Power supply	Provided directly by the Mhouse system
Power (W)	21
Protection class (IP)	55

Mhouse PR1

Black out? No problem!

24V buffer battery for emergency power supply



Convenience: operation during power failures guaranteed by the PR1 buffer batteries housed inside the control unit, which can be connected using a convenient plug-in connector

Mhouse won't let you down even during black-outs: at least ten opening and closing manoeuvres guaranteed

Incorporated control unit: it controls batteries recharging, extending their life and always providing for the maximum charge when a black out happens





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For the sales outlet

Mhouse inform:
different colourful and
coordinated solutions
to draw the client's attention,
show, get to know.

Exhibitor panels

Wall hung panels for showrooms,
sales outlets and window displays.
Different subjects that illustrate
the Mhouse product range
and related accessories.



MhouseKit: Garagentorantriebe. Schnelle Installationen in jedem Raum



Flüster Leise!

- Ein Zahnriemen reduziert wirkungsvoll die Laufgeräusche

Schnell!

- 2 Geschwindigkeiten
- Mit Soft Start / Soft Stop Funktion in Start- und Endposition

Sicher!

- 24V Sicherheitskleinspannung
- Einbruchschutz: Bei allen verschiedenen Betriebsmoden machen alle Kopplern der Sender fast unmöglich

Design!

- Modernes und formarchais Design

Qualität!

- 100% made in Europe

MhouseKit:
alles leicht,
alles inklusive.
Das revolutionäre
System, um Ihr Heim
auf unglaublich leichte
und schnelle Art
zu automatisieren.



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Functional demonstration exhibitor

Safe and practical thanks
to the "Plug n Play" connection:
simply insert the plug
and it's up and running!
Ideal for sales outlets,
window displays and fair corners.
Size: 98x103x39cm



For swing gates



For sliding gates
and garage doors

For sale outlets

An appealing idea to furnish, sales outlets, window displays, the Mhouse corners and to show new products.

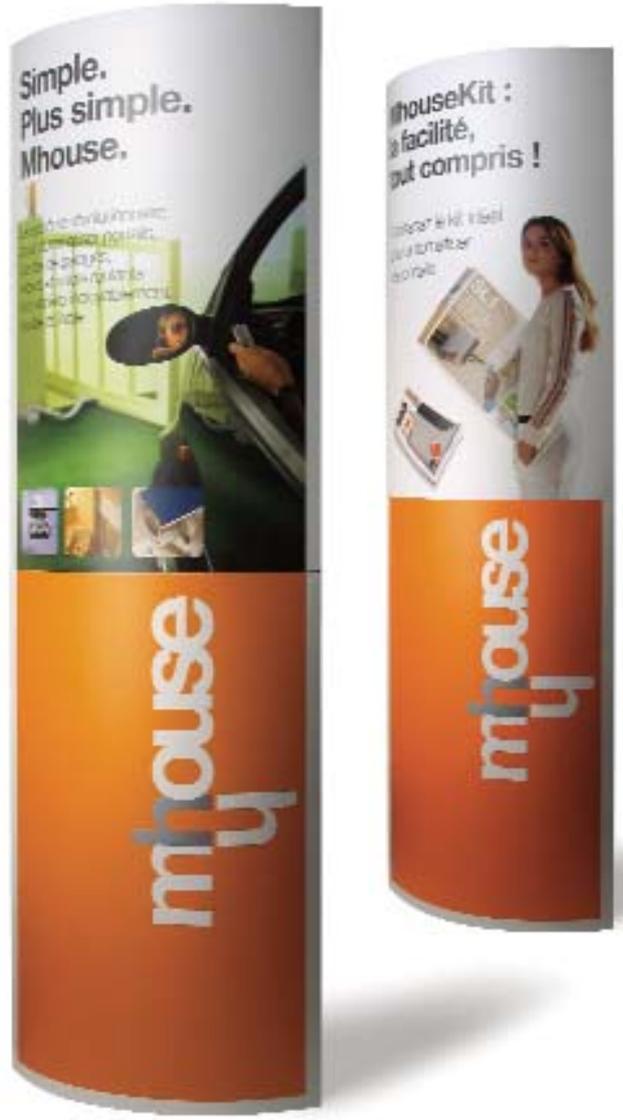


Catalogues and brochures

Presentation of the entire range: clear and easy product identification, comprehensive technical charts, description of the advantages of choosing Mhouse products.

Totem exhibitor

Coloured cardboard exhibitor, coordinated with the Mhouse image. Made up of two self assembling pieces and two handy A4 self-adhesive pockets for catalogues and brochures.



Mhouse wear

The casual Mhouse coordinated clothing range for leisure, and professional work.

Gadgets

To keep Mhouse always close at hand, the orange pen and the handy Mhouse notebook.



Company, product, pre- and after-sales service: every aspect of Mhouse is designed to please, attract and reassure even the most demanding users, because a well-informed customer will choose Mhouse!

Extensive know-how takes you a long way

Mhouse originates from the innovative and tested technology developed by Nice SpA, the leading producer of elegantly designed sophisticated domestic automation systems

Opting for quality

Mhouse invests considerable resources in research in order to come up with solutions which offer real advantages to salesmen and users.

Every new idea is tested for long periods of time and in all conditions before standard production is launched, for the assurance of Mhouse's partners and their customers.

The production process provides for constant verifications and accurate procedures which guarantee long-term quality and reliability

Service and clear instructions

Mhouse supplies various types of supports to facilitate selection, installation and service:

- complete and accurate instruction manuals
- free telephone service
- service centres which guarantee timely repair and service
- **www.mhouse.info**: for any technical information regarding installation, repair and service; technical sheets and **animations** to see how to install a Mhouse product and to check the compatibility between your gate and our product
- **www.mhouse.com** web site illustrates our products and helps you evaluate their characteristics
- our spare parts software will help you identify every spare part, find out how much it costs and simplify ordering Mhouse



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