simple

ELECTROMECHANICAL BARRIER

Elegance and easyness in movement.

GENIUS®
GATE AUTOMATION

ELECTROMECHANICAL BARRIER

imple

SINMPLE

Simple is a **24V electromechanical barrier for vehicle access only.**

This is an innovative space-saving product with a modern design, based on the concept of simplicity which characterises each of its technical aspects.

Simple to transport, install, adjust and release.

The arm is automatically balanced thanks to a pre-fitted torsion spring, suitable for all types of arms available for Simple.

Double-sided barrier available in 2 versions:

① Wall-mounted (one of the great novelties by Genius, a company that forestalls its competitors).

② Mounted on a column base.

PATENTED

TECHNICAL CHARACTERISTICS

Technical characteristics	Simple barrier
Supply voltage	230 Vac
Electric engine executed	24 Vdc
Engine rated output	48 W
Electricity	0,35 A
Torque	130 Nm
Opening/closing time*	3 sec
Max. length of arm	4 m
Type and frequency of use at 20°C	300 cycles per day
Max. consecutive cycles	100
Temperature ranges of operating environment	-20°C +55°C
Operating weight	20 kg (38 kg Simple Kit)
IP protection degree	IP 44

* Opening time for a correctly executed installation according to the measurements specified in the assembly instructions and without delays.

Technical characteristics	Model LYNX 05
Transformer's power supply	115/230 Vac - 60/50 Hz
Central rated supply	24 Vac
Power input	3 W
Engine rated output	48 W - 24 Vdc
Accessories max. load	500 mA - 24 Vdc
Flashing light max. load	15 W - 24 Vdc
Max. load of lights on arm	15 W - 24 Vdc
Max. load . indicator light	5W - 24Vdc
Environment temperature range	-20° +55° C
Operation logic	Automatic - Condominium - Manual
Opening and closing time	In self-learning mode in programming stage
Pause time	In self-learning mode in programming stage
Obstacle detection	Adjustable through trimmer
Choice of functions	Automatic logic - Condominium logic - Manual logic - Function of open control - Selection of lack of line voltage - Selection of flashing lights - Selection of safety features also active during opening
Terminal box input	Supply voltage 22 Vac – Ground - Close - Open - Open/Close - Stop - Safety features
Terminal box output	24 Vdc supply for accessories - Arm lights - Indicator light - Flashing light - Failsafe
Input with connector	Battery kit - Genius radiofrequency module
State indicating led	Close - Open - Open/Close - Stop - Safety features

Model	Version
Simple C	Motor reducer and electronic equipment
Simple KIT	Complete kit of accessories for the installation of one barrier

ACCESSORIES

Battery kit

Battery kit to be placed on board the car.

Simple base kit

Kit for application on column base.

Rests

Rests for arm for Simple diameter 50 or 60 mm.

Wall-mounting bracket kit

Kit for wall mounting.

Radiofrequency modules

3PIN molex connector decoding module for Genius equipment. Frequency 433 MHz or 868 MHz.

Kit of stickers

Kit of 6 stickers with Genius logo for Simple arm.

Arms for Simple

Wide choice:
ø 60 mm - 3,15 m telescopic arm.
ø 50 mm 3 m arm with lights.
ø 50 mm arm 3 m rubber edge.
ø 50 mm 4 m arm.

Balancing kit

Balancing kit for arms measuring less than the standard length.

Amigold radio control

868 MHz-frequency radio control with Rolling Code codification and self-learning system.

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Bravo radio control

433,9 MHz-frequency radio control with Rolling Code codification system.

Many details that make the difference.

Simple offers superior functionality by reducing installation times.

3m telescopic arm

It comprises three telescopic elements, for a total length of 3 m. Can be reduced to 1.20 m to facilitate transport.

Easy release

Innovative system protected by a personalised key which inhibits the card and prevents any accidental re-start of the motor reducer.

Easy installation

No need to adjust the balancing spring. The electronic control unit is located inside an ergonomic, easily accessible seat.

Obstacle detection system

Simple's safety system detects the presence of an obstacle immediately and reverses the arm's movement.

Easy to transport

Simple's packaging is practical and contains all accessories needed for installation. Easy to transport and convenient to store in a warehouse.

Integrated flashing light

The innovative design comprises 2 luminous bands which indicate movement.