



Home Automation

intelligent building systems



Intelligent and comfortable electrical control installation

Maximus Home Automation systems manages functions of Home starting from heating and air-conditioning regulation, control of lights, shutters and other appliances up to house security and protection of property.

Maximus systems are designed to satisfy small electrical installations and also find solution and control for large units involving automation and complexity.

These can be used not only for houses, apartments, administrative, but also for large buildings or complex of buildings, Hotels and industrial areas.

Dynamic evolution of the Technology is demonstrated in our own products whose features, good quality and price assure our place in the market.

You can choose from a simple Wireless solution or an Intelligent bus-based electrical installation.

- 1 **Wireless Smart Home system - WL RF Touch.**
- 2 **Intelligent Bus based Smart Home System Bus System.**
- 3 **LED Wireless Lighting Control - WLC**



LIGHTS



COOLING



ALARM



REMOTE



INTERNET



GSM



SHUTTERS



Your Existing
Home Likes You

Wireless Smart Home system - WL RF Touch

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WL CONTROL SYSTEM

CONTROL SHUTTERS
AND BLINDS

Range up to
200 m

SWITCHING ELECTRIC
APPLIANCES AND DEVICES

RF PILOT COMMUNICATES WITH
ALL WIRELESS ELEMENTS
OF THE RF CONTROL SYSTEM

WL Control wireless system MAXTOUCH

WLTouch offers easy control from a single location! It connects other RF units to form a single intelligent wireless system. Heating, switching on/off, dimming and shutter control can easily be set or customized according to your requirements and wishes. The setting and controlling of units is done via the touch screen of the device.

RF Pilot- Remote Controller with display

The RF Pilot communicates with all wireless elements of the RF Control system: switches on/off and dims any light at home, controls shutters and blinds, enables group control of receivers (executing more commands at once with a single touch of a button) and creates its own menu and labels for the controlled device.

A top-class complement to the RF Control system!

Transmitters

Wireless wall switch buttons serve as transmitters to control RF Control wireless system receivers.

Multifunction receivers - up to 7 programs

The receivers are manufactured to serve as switching actuators, dimming actuators and shutter actuators.

Switching actuators may switch currents up to 16A using a relay with a AgSnO₂ contact, which also enables users to switch lights other than those with bulbs. You can use the switch function in the basic version - switch on/off, or in the multifunction version, which offers up to 6 functions: button, ON/OFF, impulse relay, delayed return, delayed start. Switching actuators in the module design are equipped with an antenna - depending on whether it is mounted into plastic or metal switchboard.

Dimmers are designed as universal (RLC) with automatic detection of the load type. They can dim regular light bulbs, halogen lamps, low-voltage 12V halogen lights powered electronically via a toroid transformer. In the basic design, the dimmer offers the "light scene" program and the OFF function - up to 7 programs in the multifunction design: 4 variants of light scenes, sunrise and sunset simulation, ON/OFF function.

RF Control & iNELS

RF Control can be integrated into communication with intelligent electrical installation system iNELS.

Control - wireless RF Control wall switch button is based on the same design as controllers in the iNELS system.

MAXTOUCH controller



WIRELESS COMMUNICATION

What are the benefits of wireless communication?

- Remote switching of home appliances or electrical devices
 - Light dimming, light scenes
 - Controlling shutters, blinds and inter-window blinds
 - Controlling the entrance gate and garage door
 - Manual or automatic control
 - according to a preset program
 - Switching home appliances on/off depending on the response of sensors
 - Response to (undesired) opening of a window or a door
 - Response to the movement of persons (authorized and unauthorized)
 - Energy savings thanks to lighting and heating regulation
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- Easy installation **without any demolition works or cutting into walls**. Receivers (actuators) may be installed directly into a suitable mounting box, lighting covers, switchboard or anywhere else, depending on the possibilities of your current electrical installation.
 - **Flexible location:** ideal for installing in existing buildings, as well as for refurbished and new buildings: thanks to RF Control, you are not limited by the location of a switch, for instance when moving furniture. The wireless wall switch button **may be glued to glass, mounted on a beam or just placed on a night table and easily moved elsewhere at anytime**.
 - Controlling lights from your terrace or opening your garage? You will have the keychain - portable control - **always ready!**
 - **The universal transmitter module converts** up to 4 potential-free external inputs (buttons) **to RF signal**, facilitating the connection of the following devices to the system: door switches or buttons, electronic alarm sensors (fire, smoke, door detector,...), bells, etc.
 - **OASIS detectors may also be used for control.** They respond to movement, door or window opening, increased temperature, etc., making it possible, for instance, to switch on a light when passing by or to switch off heating when the window is opened.
 - **Property protection and safety.** A flood, temperature, fire or gas leakage sensor sends a signal to the actuator, which closes the water or gas supply, switches on ventilation, etc.
 - It allows controlling and setting various **light scenes**, or sunrise or sunset simulations. It also enables you **to control shutters, blinds, gates, garage doors** and switch ON/OFF appliances and electrical devices.
 - The transmitters (wireless wall switch button or Keychain) do not need an external power supply (battery-powered).
 - Receivers (actuators) may be mounted in an installation box, under the existing switch, light covers or ceiling, or on a DIN rail inside the switchboard.
 - A smart design of wireless wall switch buttons with **plastic, glass, wood, metal or granite** finish.



CHOOSE YOUR OWN STYLE...*

Flat wireless wall switch buttons to be mounted on glass, tiles, furniture, etc. Quick change of location when you are moving...

User-friendliness, high-quality materials and modern design are the characteristics of the LOGUS⁹⁰ line. The line offers basic plastic frames as well as luxury finishes from natural materials such as high-grade metals, hardened glass, wood or granite. Classic home switches and sockets are also delivered in the same design as wireless controls.

* For control with wireless wall switch button, you can connect the existing controllers (using universal input modules) to the system or use flat wireless wall switch buttons with the LOGUS⁹⁰ design.

WIRELESS SYSTEM



MAXSA-62B
2-channel multifunction
switching actuator,
2x switching 8A,
6 functions, 230V AC



MAXTI-10B
Wireless temperature sensor



MAX PILOT
Wireless Remote Controller RF Pilot
with OLED display can be programmed for
up to 40 RF Control actuators.
Scene Mode lets you to control a group of
receivers - one touch controls multiple devices
simultaneously

FREQUENCY 868 MHz

RANGE 200 m

MAX KEY



MAX TOUCH



JA-80P
Motion detector

MAXWB-20G/40G
wall 2 or 4-channel controller
in design LOGUS®



MAXTC-10G
Digital temperature regulator,
2 x 1.5V AAA-type battery



MAXDA-71B
Multifunction dimming
actuator, 7 functions,
230 V AC / 250 VA



MAXJA-12B/230V
Shutter actuator,
2x NO/SPST 8A, relay with
protection, 230 V AC



MAXSTI-11B
Wireless wall switch buttoning
actuator with a temperature sensor
to be mounted in an installation box,
230 V AC



MAXIM-203/40B
Universal transmitter module
to be mounted under a wall
switch button in an installation box



MAXDAC-71B
Actuator with analog output 0(1)-10V,
for controlling of fluorescent lamps
with dimmable ballast and controlling
of thermo-drives



Light



Dimming



Shutter



Air condition



Switching



Detektors



Alarm



Maxiled Lamps Compactible with MAXTOUCH