



Home Automation

intelligent building systems



table lation

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.**



GSM



SHUTTERS

Intelligent and comfortable electrical control installation



LIGHTS



COOLING



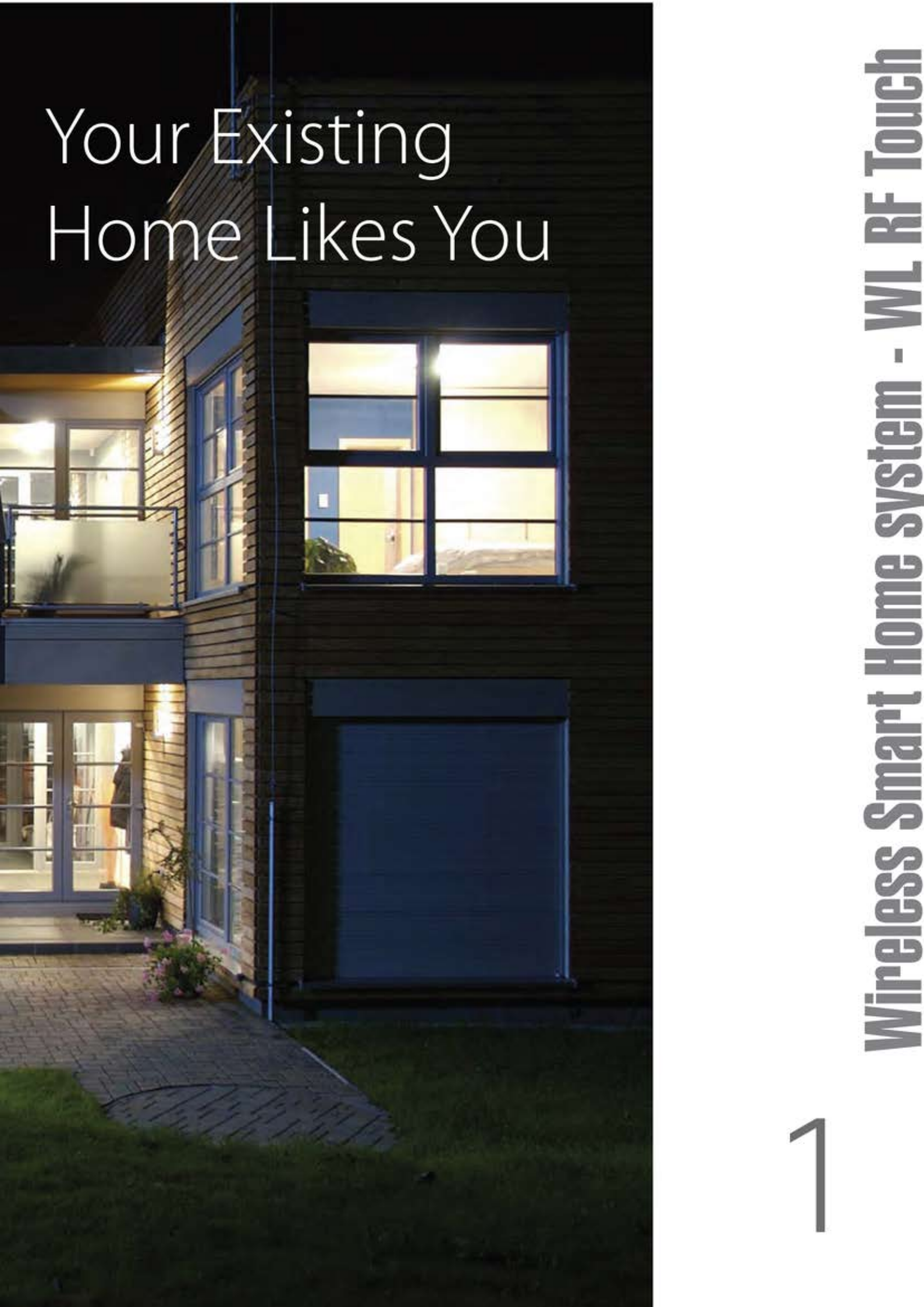
ALARM



REMOTE



INTERNET



Your Existing
Home Likes You

Wireless Smart Home system - WL RF Touch

1

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
-
- 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

Wired System guards your Home



Intelligent Bus based Smart Home System – Bus System

2

INTELLIGENT ELECTRICAL INSTALLATION



The Intelligent Electrical Installation System controls the operation of your house, from heating and air-conditioning regulation, to the control of lighting, shutters and other appliances, to home and property security.

It can recognize the changes of system functions against the required status and inform you about such changes via mobile phone, PDA or the internet.

This is designed to satisfy the needs of small electrical installations as well as to control extensive units requiring automation and complexity.

This may be used for family houses, flats, offices, sales premises, as well as for large buildings, building complexes and industry.

Multimedia

For even greater convenience, a multimedia extension has been added to the standard system.

Multimedia will allow you to control your entire house via a TV screen or the Touch Panel.

You have your entire household in the palm of your hand from any place in your home you choose. You can very easily control the heating, air-conditioning, lighting, window shutters, security alarm and other devices connected to the system.

Thanks to a timeless visual design, you will not only get a perfect household manager, but also a modern design element for your home.



MULTIMEDIA EXTENSION OF THE SYSTEM



Glad to be home

Intelligent Bus based Smart Home System – Bus System

CONTROL PANELS

Wider range of room controllers in variable designs

Fully customisable controllers. Finished frames in glass or plastic. 4, 6, 8 and 10 buttons version available. Symbols and logo engraving by laser

Glass Switch Panel

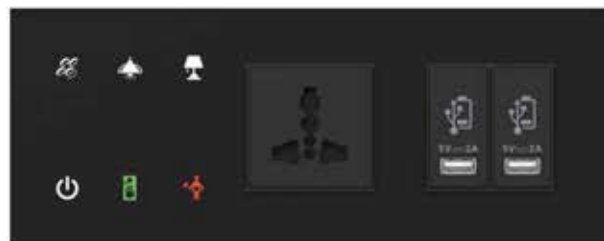
GSP3-100/B

Luxury glass touch control with 10 buttons is available in elegant black and white. Switches also sense the ambient lighting and offer a choice of symbols.

No Reason to rise from bed

Wide possibility of customization. Allowing the creation of bedside panels on request. Important buttons for light, TV scenes, master switch and sockets, other sockets for equipment are available.

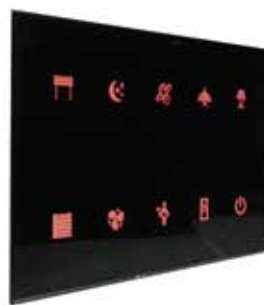
Glass finish with more colours (Including smoker and white). and international sockets as options.



8 buttons with indicator

AC power socket (variable)

2x USB sockets (variable)



CUSTOMIZATIONS

Glass Touch Controllers

We bring you switches, sockets and accessories in black or crystal glass.



MXGSB3-20/SB
Glass Switch Button
- 2 buttons



MXGSB3-40/SB
Glass Switch Button
- 4 buttons



MXGSB3-60/SB
Glass Switch Button
- 6 buttons



Glass Switch Button
- 8 buttons



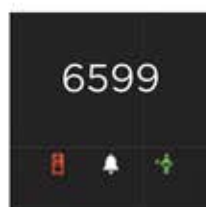
MXGSP3-100/B
Glass Switch Panel
- 10 buttons



MXGRT3-50/B
Glass Room
Thermoregulator



Glass Thermoregulator Panel



MXGCR3-11/B
Glass Card Reader
with room number



MXGCH3-30/B
Glass Card Holder

Glass Bedside Panel

Configure bedside panel according to your request.



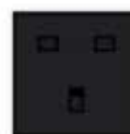
LAN



USB



Schuko



British



French



US

Standard symbols



CUSTOMIZATIONS

Glass Controllers

We bring you switches, sockets and accessories in black or white glass.



One Gang



Two Gang



Three Gang



Four Gang



Thermostat



Hotel Doorbell

Dual Double Socket

Configure double socket according to your request.



LAN



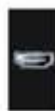
Switch



Tel



TV



HDMI

Glass Socket



Schuko Socket



British Socket



Pin Socket



Multi Socket



Shaver Socket

Dual Double Socket

Configure double socket according to your request.



USB



Schuko



British



PIN



Multi



Other Controllers



Dual TV
Socket



HDMI



Tel Socket



Audio/Video
Socket



Audio/Video
Socket

CENTRAL & SYSTEM UNITS

Central Units



MXCU3-01M
Central Unit
2x CIB, 1x EBM, Ethernet
100 Mbps OLED display,
2x analog input 4x digital
inputs, 6-MODULE



MXCU3-02M
Central Unit
2x CIB, 1x EBM, Eth-
ernet 100 Mbps RF
module, OLED display,
2x analog input 4x
digital inputs, 6-MOD-
ULE



MXCU3-04M
Central Unit
2x CIB, 1x EBM,
Ethernet 100 Mbps RF
module, OLED display,
2x analog input 4x
digital inputs, 6-MOD-
ULE

System Units



MXPS3-100
Power Supply
Power supply 100W,
supply voltage 100 -
250V AC/ 50-60 Hz,
Output voltage
DC/max. current: 27.6
V/3.6A and 12.2
V/0.35A,
6-MODULE



MXBPS3-01M
Bus separator
It serves for impedance
bus separation from
power supply, for one
CIB lines 1-MODULE



MXBPS3-02M
Bus separator
It serves for impedance b
us separation from power
supply, for two CIB lines
1-MODULE



MXGSM3-01M
GSM communicator
GSM gate for commu-
nication via mobile-
phone GSM, BUS inter-
face EBM, 3-MODULE



MXBPS3-01M
DMX Converter
for controlling elec-
tronic ballasts DALI
and DMX receivers,
up to 64 independent
DALI

Actuators



MXSA3-02M
Switching 2-channel
actuator
for switching appli-
ances, sockets and
controlling shutters /
blinds, 2x switching
contact 16A, LED sig-
nalization of relay
status, manual con-



MXSA3-04M
Switching 4-channel
actuator for switching
appliances, sockets and
shutters/jalousie con-
trol, 4x switching con-
tact 16A, LED signal-
ization of relay status,
manual control
3-module



MXSA3-06M
Switching 2-channel
actuator for switching
appliances, e.g. light-
ing or thermodrivers,
6x switching 8A, LED
signalization of relay
status, manual control,
3-MODULE



MXSA3-012M
for switching applian-
ces, e.g. lighting or ther-
modrivers, 12x switch-
ing 8A, LED signaliza-
tion of relay
status, manual control,
6-MODULE



MXDA3-022M
Universal dimming
2-channel actuator
ESL, LED a RLC loads
dimming, 2x 400 VA,
1x thermo input TC/TZ



MXDCDA-33M
Dimming 3-channel
actuator For dimming
LED lights sources with
power supply 12-60V
DC which are con-
trolled by varying
current. Control inter-
face DMX, DALI and
CIB, 3-channels, cur-
rent 350mA-2A,
3-MODULE

Thermo Inputs



MXTI3-10B
Thermo input 1-chan-
nel
To connect 1 thermo
sensor TC, TZ,
Ni1000, Pt1000, or
Pt100, mounting into
an installation box



MXTI3-40B
Thermo input
4-channel
To connect 1 thermo
sensor TC, TZ,
Ni1000, Pt1000,
or Pt100, mounting
into an installation
box



MXTI3-60B
Thermo input 6-channel
To connect 1 thermo sensor
TC, TZ, Ni1000, Pt1000,
or Pt100, 3-MODULE

Home



Squeezebox - Audio Zone player
Thanks to its small size, you can place the Audiozone connected to the system and the main data repository practically anywhere. So you know quickly just where to find your safely stored favourite music.

GYROSCOPIC CONTROLLER

This gyroscopic controller is in a class by itself, and is an elegant accessory to the maximus system. It is a comfortable combination of advantages of a class remote control and a computer mouse, and it has taken on a perfectly ergonomic shape.

GYROCONTROLLER



TELEVISION

Thanks to the clearly understandable projection on the television screen, you have a perfect eye on what's going on inside and outside your home. Just install the video cameras and connect them with the system.

TV



IPHONE/Smart phone

Comfortable control of the home automation system via your IPHONE, Smart phone.

IPHONE



INDOOR VIDEO CAMERA

The system supports connection, display and control of IP video cameras including PTZ (controlling position, image zoom in/out, recording, etc.).

CAMERA



TOUCH SCREEN PANEL

This is an addition to the Maximus system, whose elegant design makes it fit right in with your home. It can be placed anywhere you like, perhaps even in the bathroom, panels are designed to be installed flush with the wall.



IMM Client

Enables control of all maximus system functions through the TV. Elegant, quiet design. Data repository size 250 GB.

Office Studio



WIRELESS TOUCH SCREEN PANEL

Used for complete control of your household. Control and dimming of lights, blinds, regulates and measures temperature, option of setting scenes, etc. Designed for use in an installation box and for wall-mounting in the LOGUS® luxury design.

WIRELESS SWITCHING ACTUATOR

This is used for switching sockets and electrical appliances, etc. They have a flat base, so they can be placed anywhere - on glass, a wall, a beam, etc. in the LOGUS® design.



MOTION DETECTOR

Also ready to serve under automatic control are detectors that react to movement, opening of a window or a drop in temperature. (Ex. motion sensor switches the light.)



WIRELESS DIMMING ACTUATOR

Used to dim lights, to create light scenes (when watching TV), for fluid run-up or run-down of light. Designed for mounting in an installation cabinet.



SWITCHING TEMPERATURE SENSOR

Use to measure temperature by internal or external temperature sensor. Information on temperature is sent to RF Touch, which gives the signal ex to shut off heating. Designed for mounting in an installation cabinet.



WIRELESS SHUTTER ACTUATOR

Serves to control blinds, awnings, shutters, garage doors, etc. Designed for mounting in an installation cabinet.



WIRELESS SWITCHES

Used to control lighting, blinds, shutters, electrical appliances, etc. They have a flat base, so they can be placed anywhere - on glass, a wall, a beam, etc. in the LOGUS® design.



UK Office:

Maximus Integrated Technologies Limited
16 St Martin's Le Grand, St Paul's London EC1A 4EN
Tel: +44 (0) 20355 12640
Email: contact@maximusonline.co.uk

Middle Office:

Maximus Middle East Integrated Technologies FZCO.
Le Solarium Building, Office No. 210, 2nd Floor,
P. O. Box 341250, Silicon Oasis, Dubai - UAE.
Tel: +971 (0) 4 326 7340
Email: dubai@maximusonline.co.uk

www.maximusonline.co.uk