

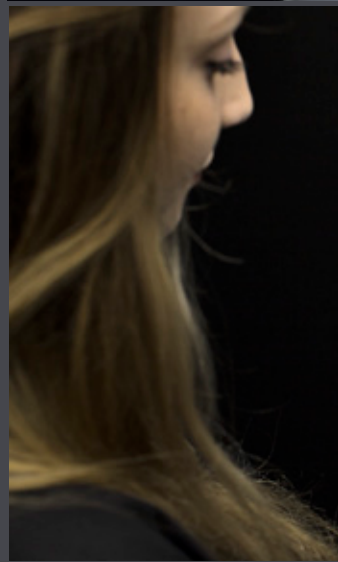
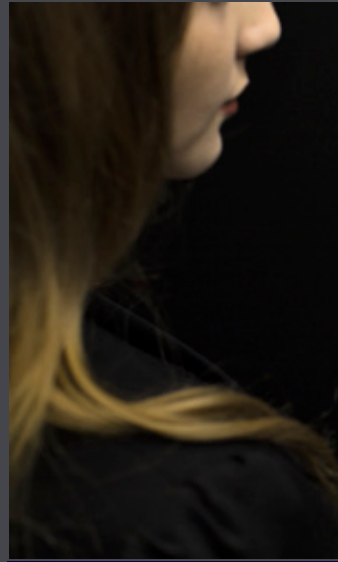
VISUAL CONTROL

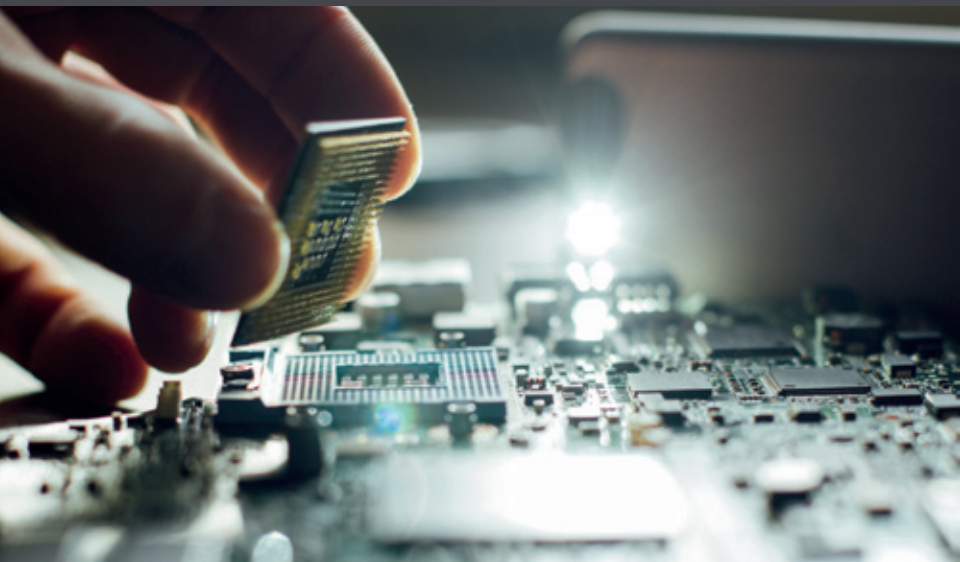
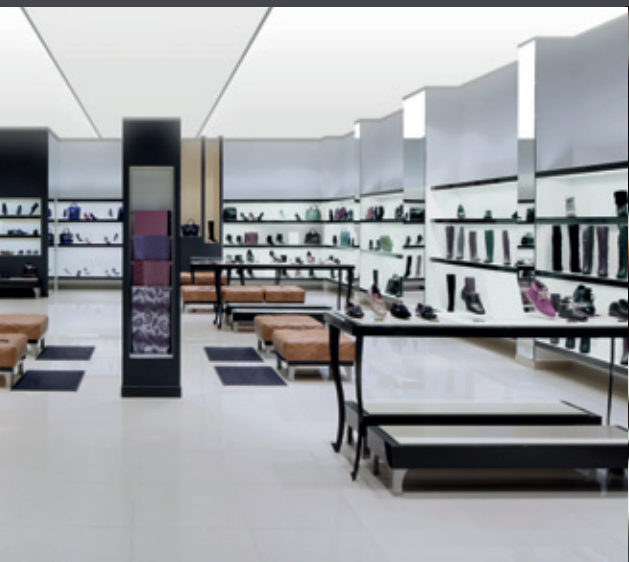
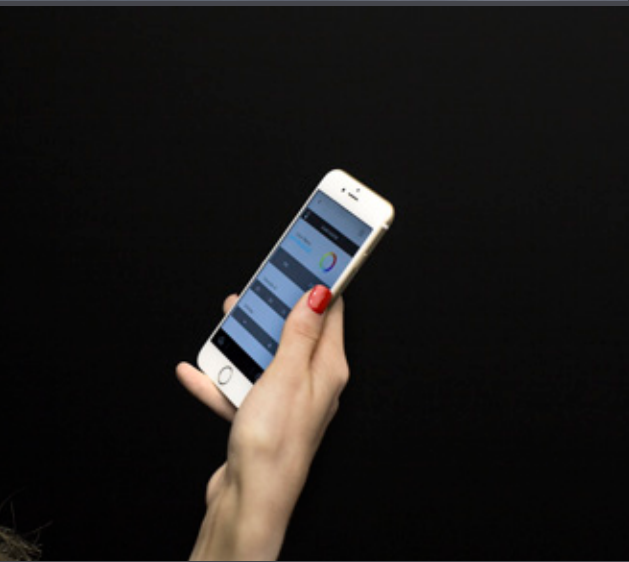
TECHNOLOGIES FOR
ADVERTISEMENT SIGNS,
LIGHTBOX AND EXPOSITORS

09.2019 MADE IN ITALY



**VISUAL
COMMUNICATION**
WIRELESS TECHNOLOGIES







WAREHOUSE

WH

**LIGHTED SIGNS
SOLUTIONS**
ENERGY SAVING
AND REMOTE CONTROL

ENERGY SAVING

DIMMING AND TIME - WEEKLY SCHEDULE



LED CONTROL

Nexta Tech solutions allow to control lighted signs with **electric power up to 10kW** for dimming, RGB/RGBW color control and tunable white CCT. Enabled efficiency solutions for energy saving and light pollution, or simply make the lighted signs more attractive with dynamic light effects.



Plano-Master Controller



IOS AND ANDROID APP

OneSmart is the smartphone application by Nexta Tech, and it can be free downloaded from Google Play and Apple Store. Easily configurable and easy to use on smartphone or tablet, to control lighted signs.



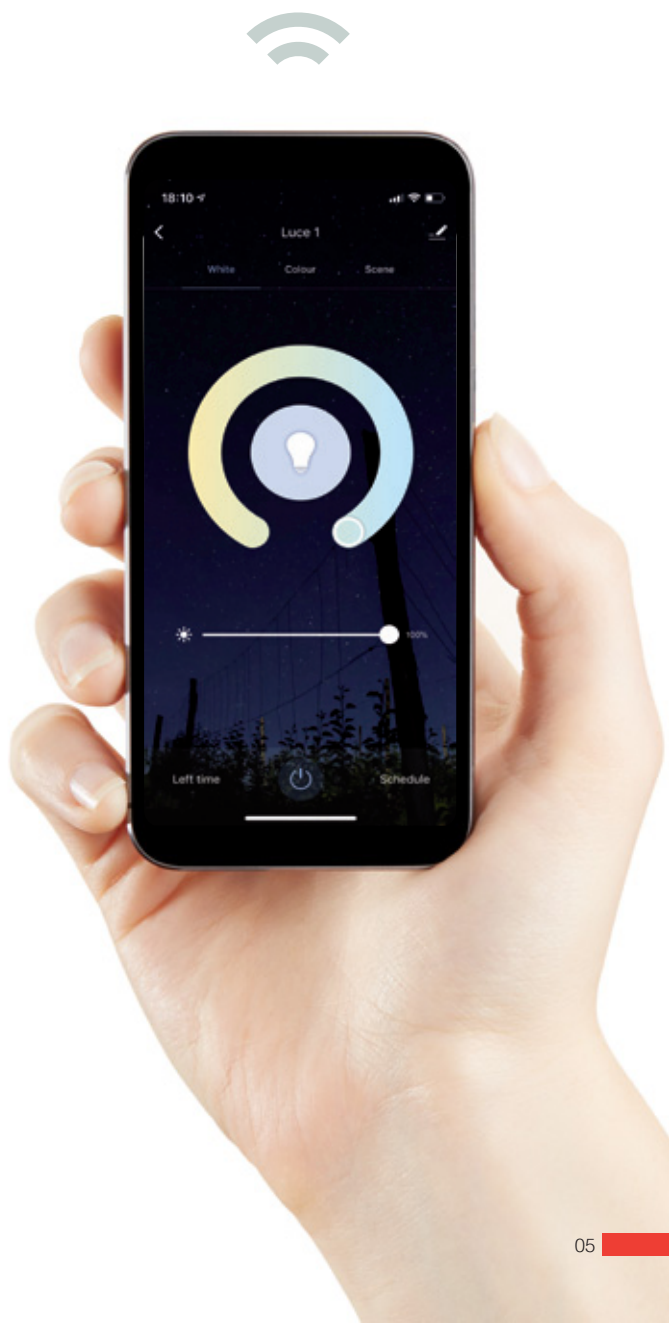
REMOTE CONTROL

Thanks to Wi-Fi connection and Cloud platform system is possible to remote control the signs light anywhere in the world.



AUTOMATED SCENERIES AND TIME SCHEDULE

In addition to dimming, colours control and tunable white, OneSmart allows to simply create automated lighting sceneries and time/weekly schedule programs to turn on/off the light.



AUTOMATIC PROCESS

NOCTURNE LIGHTED SIGNS DIMMING

AUTOMATIC PROCESS EXAMPLE

Consider 2 lighted signs - the first one has a power of 6000W and the second one has 2000W, with automatic power-on at 8.00 pm and power-off at 6.00 am. Thanks to the OneSmart smartphone application we can program, for example, 3 different values in dimming: 100% light brightness in the first time slot, during the majority people presence, and 60% of intensity from 1.00 am to 4.00 am.



AT **8.00 pm**
100% LIGHT
INTENSITY

EVENING LIGHT ON

At 8.00pm power on, with 100% of light intensity
Main lighted sign "WAREHOUSE" - led power: 6000W
Secondary lighted sign "WR" - led power: 2000W
Time schedule max power: 5 hours



AT **1.00 am**
60% LIGHT
INTENSITY

DIMMING 1 - DURING NIGHT

At 1.00am power on, with 60% of light intensity
Main lighted sign "WAREHOUSE" - led power: 3000W
Secondary lighted sign "WR" - led power: 1000W
Time schedule max power: 3 hours



AT **4.00 am**
30% LIGHT
INTENSITY

DIMMING 2 - NIGHT/MORNING

At 4.00am power on, with 30% of light intensity
Main lighted sign "WAREHOUSE" - led power: 1500W
Secondary lighted sign "WR" - led power: 500W
Time schedule max power: 2 hours
(light off at 6.00am)

BENEFIT

HOW MUCH YOU CAN SAVE

ELECTRIC ENERGY CONSUMPTION

To calculate the guaranteed costs saving from a dimming system we consider an average cost of € 0,15 per KW/h

SYSTEM WITHOUT DIMMING



**LIGHT ON AT 8.00PM
INTENSITY 100%**



**LIGHT OFF
AT 6.00AM**

At 8.00pm power on, with 100% of light intensity
Main lighted sign "WAREHOUSE" - led power: 6000W
Secondary lighted sign "WR" - led power: 2000W
Time schedule max power: 10 hours

DAILY ELECTRICAL ENERGY CONSUMPTION

Main lighted sign "WAREHOUSE": **60 KW**
Secondary lighted sign "WH": **20 KW**

ANNUAL COST

Main lighted sign "WAREHOUSE": € **3.285,00**
Secondary lighted sign "WH": € **1.095,00**

SYSTEM WITH DIMMING



**LIGHT ON AT 8.00PM
INTENSITY 100%**



**DIMMER 50%
AT 1.00AM**



**LIGHT OFF
AT 6.00AM**



**DIMMER 25%
AT 4.00AM**

DAILY ELECTRICAL ENERGY CONSUMPTION

Main lighted sign "WAREHOUSE": **42 KW**
Secondary lighted sign "WH": **14 KW**

ANNUAL COST

Main lighted sign "WAREHOUSE": € **2.299,50**
Secondary lighted sign "WH": € **766,50**

■ 6000W SIGN WITH DIMMING SYSTEM - ANNUAL SAVING OF: € **985,50**

■ 2000W SIGN WITH DIMMING SYSTEM - ANNUAL SAVING OF: € **328,50**

PLUG & PLAY

CUSTOMIZED DIMMING KIT

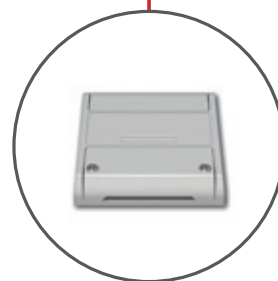
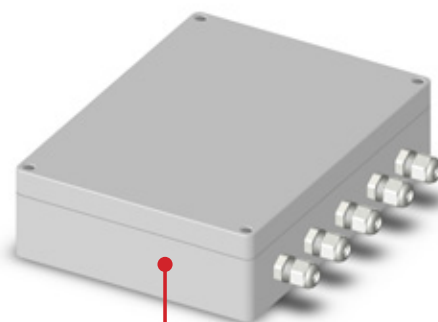


COMPLETE KIT

ASSEMBLED BOX

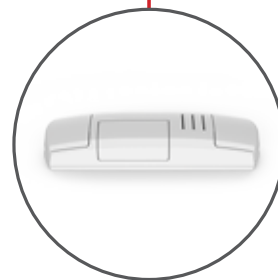
SMART CONTROL PACKAGE

Complete assembled box with power supply, dimmer modules and control interface for Advertisement lighted signs from 200W up to 10KW. It reduces drastically the cabling and the installation phase. Totally personalizable for the easiest remote or local control in automatic or manual way.



Master Dimmer
with RF receiver
and Wi-Fi module

+



Power Extender
max 580W / each
max total 10000W

+



Power Supply
230Vac-12/24Vdc



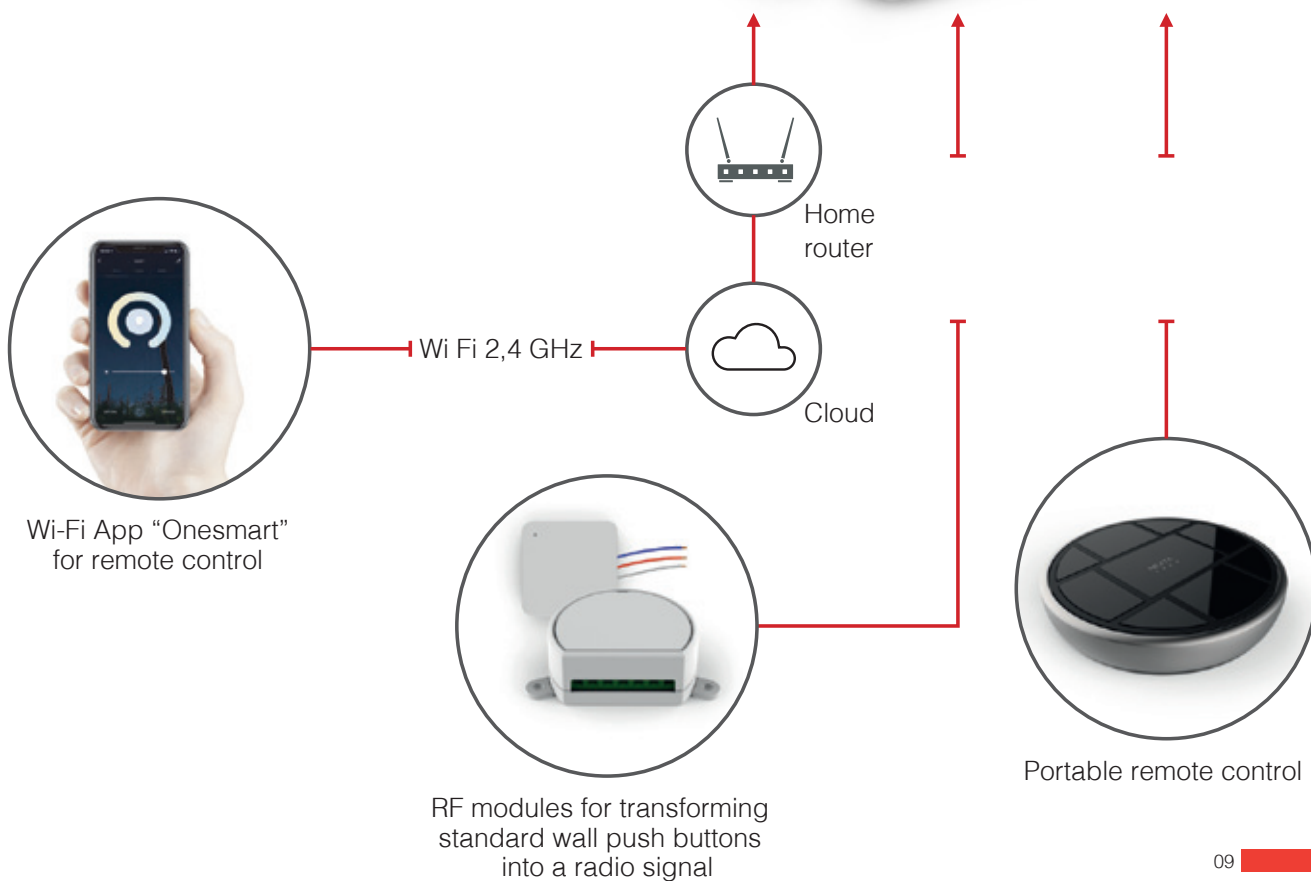
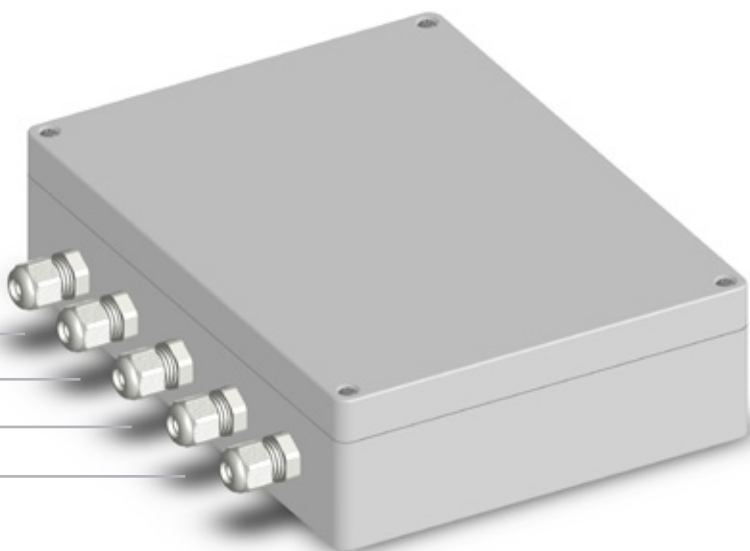
PLUG & PLAY

WIRED AND WIRELESS



AUTOMATIC AND MANUAL CONTROL

Weekly and daily automatic scheduling or manual control by wired wall push button or by wireless devices with smartphone or RF remote controls.



LIGHTBOX SOLUTIONS

VISUAL CHARMING, DIMMING AND WIRELESS CONTROL



TYPES OF CONTROLS

Manual - by radiotransmitters

Automatic - by motion and light sensors

DIMMING

Light brightness control for the visual comfort

COLOUR SETTING

Set RGB/RGBW led or regulate the light temperature by tunable white function (CCT)

DYNAMIC EFFECTS

Dynamic cycles and light pulses to draw people attention

WIRELESS COMMANDS

SINGLE ONE OR MULTIPLES

MULTICHANNEL CONTROL

Multiple types of command possibilities with portable radiotransmitters, smartphone or tablet application and the PC webserver control interface.

Easy on/off switching, dimming or dynamic effects activation for multiple or single lightbox thanks to Nexta solutions.

Multi-channel radiotransmitter Hoblo80 - manage up to 30 lightbox individually or create different command groups.

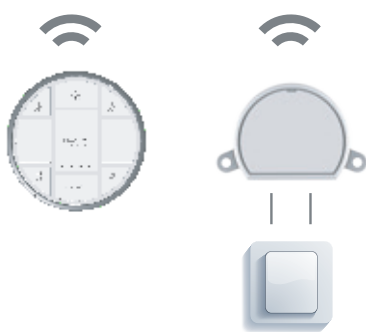
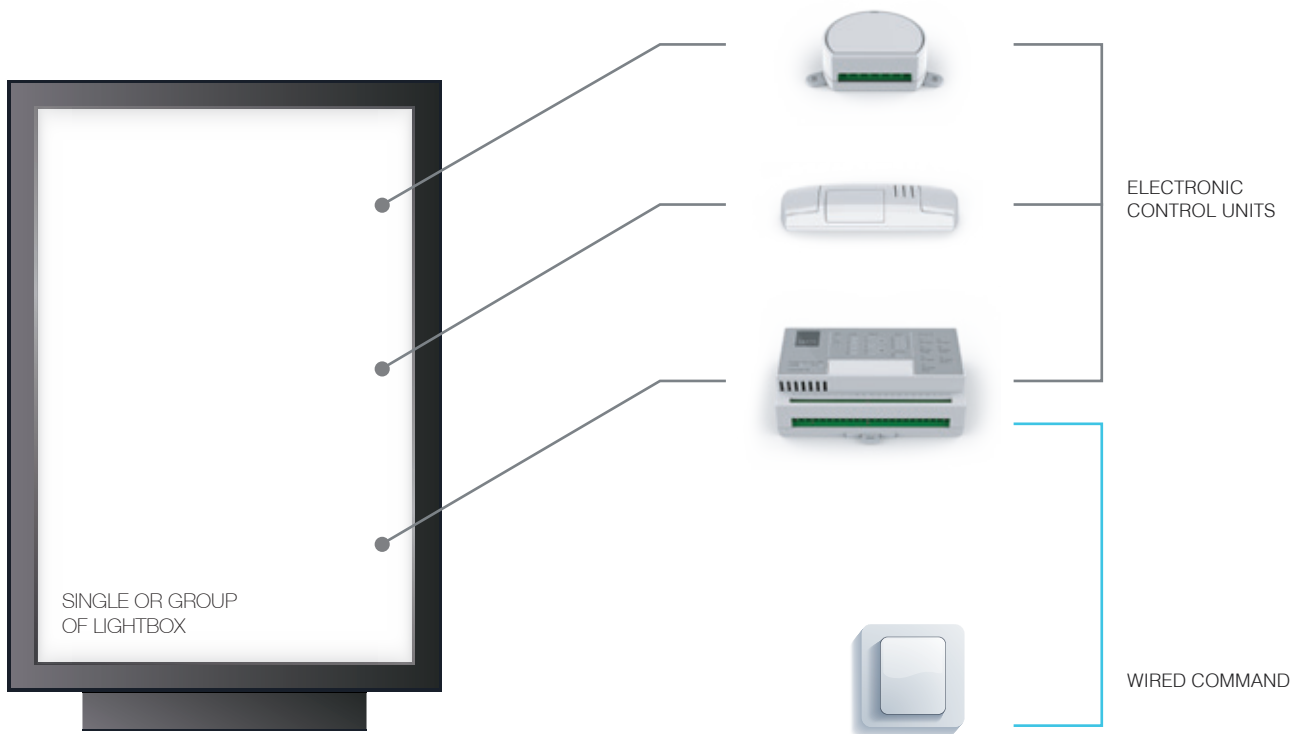


Controller TOP



WIRELESS CONTROL SMART INTERFACES

With rapid installation and great flexibility when planning new and existing systems, a Nexta Tech wireless system dramatically reduces long cable lengths and ensures reliability of control thanks to the powerful signal filtered with ISM (industrial, scientific, medical) technology that gives increased wall penetration. Nexta Tech controllers enable wired control to be retained along with radio control, interfacing with buttons and switches on the wall. Enormous opportunities for control with portable radio controls, web interface for smartphone and pc, and recessed micromodules to transform wired buttons on the wall into radio controls. Easy integration of Nexta Tech modules with the existing system means fast stand-alone solutions can be created as well as more complex installations with dozens of devices.



RADIO CONTROLS, PORTABLE RADIO CONTROLS, RECESSED RADIO CONTROLS, TO TRANSFORM WIRED BUTTONS INTO RADIO CONTROLS



MOTION AND LIGHT SENSORS



CONTROL VIA SMARTPHONE TABLET PC

WI-FI COMMUNICATION

LIGHTING CONTROL

MANUAL DIMMING

With the Nexta tech dimmers the light intensity adjustment is very precise. It is possible to memorize the wished value of brightness and to select the soft-on and soft-off timing.

AUTOMATIC DIMMING

The smart motion and light sensors of Nexta tech can be integrated in the lightbox or be fixed externally. They allow the automatic control of the light intensity of one or more lightboxes, they can activate a light or increase its intensity only when it is necessary and to maintain a level of desired brightness.

COLOR CONTROL

The RGB and RGBW controllers allow a precise regulation of the color and the memorization of the favourite tonality. The portable radiotransmitters and the iOS and Android App are smart and friendly interfaces for the installer and the users.

TUNABLE WHITE

The colour temperature indicates the appearance of the colour emitted by a light source. The CCT (correlated colour temperature) value is measured in Kelvins (K°) and, in the case of lighting devices, the radiation emitted within the band between 2650 K (hot white) and 8000 K (cold white) is considered. Nexta Tech controllers for LEDs with voltage and current allow the two components (hot and cold) to be mixed so as to achieve the most appropriate CCT value to light the graphics.

DYNAMIC EFFECTS

It is possible to activate dynamic color cycles with different tonalities and speeds, change the white light temperature based on the ambient brightness or to create personal effects for giving evidence to a specific area into the lightbox

WHY DIMMING LIGHTBOX IS USEFUL?



VISUAL COMFORT

Lightbox producers don't know often the final lightbox application, if it is collocated in a large area or not, so the high light intensity can create visual disturbance.

This is the reason that providing dimmable lightbox is the winning way to avoid this problem and allow maximum visual comfort.



ENERGY SAVING

With dimmable LED light intensity the electricity consumption is reduced. Activating a light source at 100% when is necessary (ex. customer presence) is one of the dimming possibilities allowed by Nexta Tech wireless sensors.



VISUAL ATTRACTION

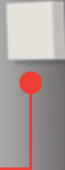
With dimming technologies is possible to realize fade in on/off switchings, light pulses and light effects to create visual attraction into customers.





**WITHOUT PRESENCE
LIGHT INTENSITY 30%**

Motion sensor Frame-Sp



**WITH PRESENCE
LIGHT INTENSITY 100%**

SHOP WINDOWS SOLUTIONS

VISUAL ATTRACTION

DIMMING

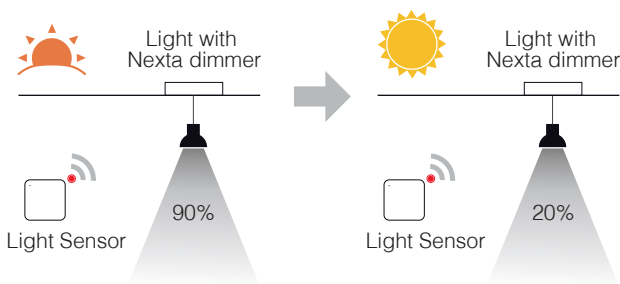
WIRELESS CONTROLS



ANOTHER WAY OF ENERGY SAVING

DYNAMIC LIGHTING

Nexta Tech light sensors, communicating via wireless radio transmission to dimmers, increase and decrease the light intensity of lamps exploiting the solar light; this make energy saving and constant dynamic lighting in shops windows.



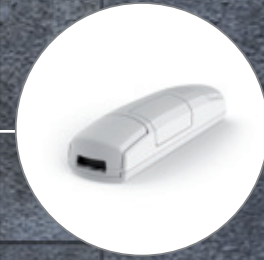
SCENARIOS

LIGHTING ANIMATIONS

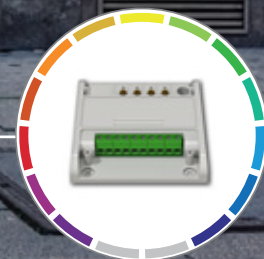
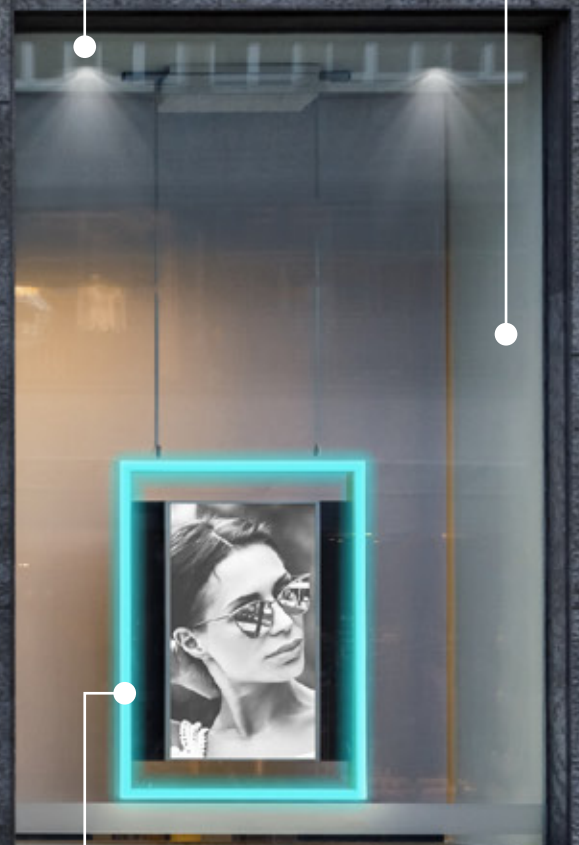
Thanks to Nexta Tech controllers is possible to change the lights colour and to manage dynamic cycles of RGB/RGBW led light sources. The control and activation of automatic effects can be done simply by Nexta radiotransmitters, wired push-buttons, smartphone/tablet application and through PC webserver interface.



Light brightness sensor
Frame-LT



Control Interface
DALI or 0/1-10V TOP



Controller
RGBW Plano



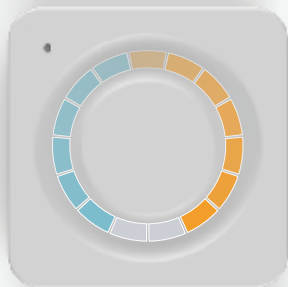
**RETAIL LIGHTING
SOLUTIONS**
LIGHT OF FURNISHINGS
AND EXPOSITORS



Wireless built-in
Motion Sensor

INTEGRATED CONTROL

Motion sensors and optimized size radiotransmitters can be joined-up into furnishings. The wireless technology permit clean and invisible integration of the system.



Touch Radiotransmitter

MANAGE THE WHITE LIGHT

Nexta Tech controllers for constant current/voltage LEDs are able to mix the cold and hot light value obtaining the desired CCT colour, which create the perfect lighting space or dedicated lighted expositor.

LIGHTING CEILINGS

Control and dimming of lighting ceilings made by back-lighted stretched cloth. Usually this type of lighting application leads high electric power and dimensions - make it easier with Nexta Tech series TOP controls.





AUDIO SOLUTIONS

SOUND THROUGH SURFACES

GHOST SYSTEM

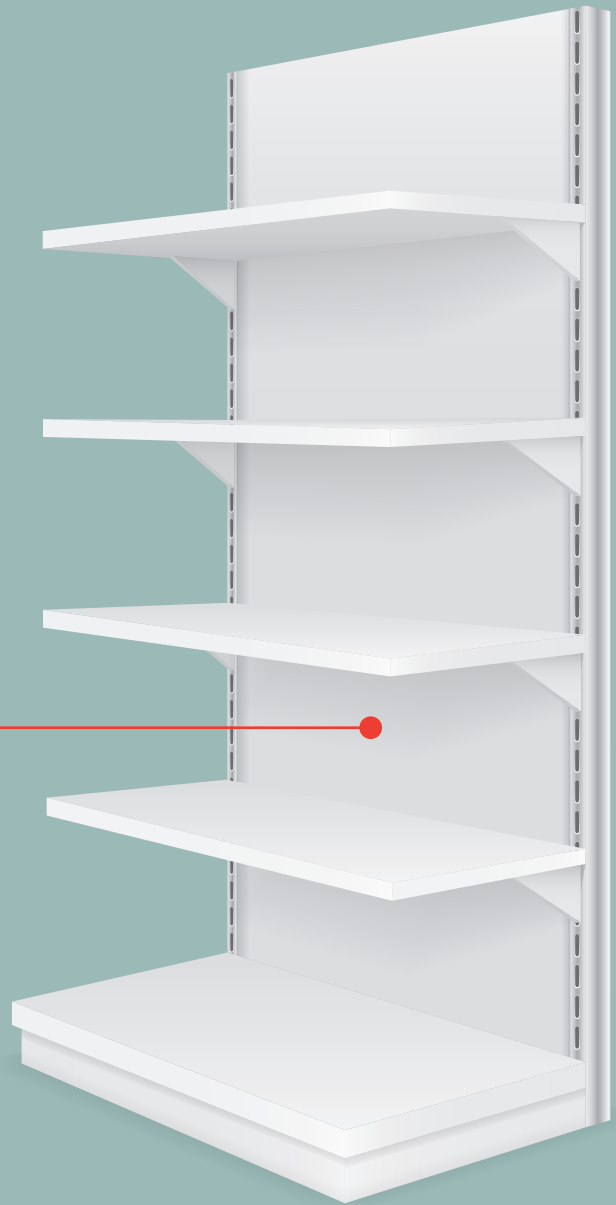
Extrasonic system transforms objects in acoustic speakers through the vibration of surfaces. Composed by bluetooth amplifier and speaker to be fixed on surfaces, it allows to realize completely invisible audio systems.

LIGHTBOX AND EXPOSITORS

Extrasonic system transforms lightboxes and expositors into speakers to communicating promotional messages, product informations or to create an attractive music sound.

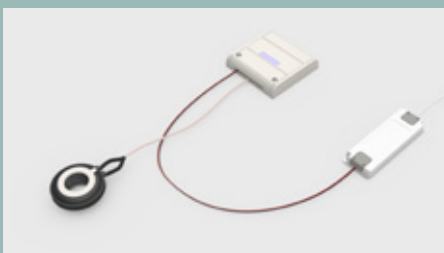


Amplifier and surface speaker



Discover Extrasonic system on the Youtube channel Nexta tech

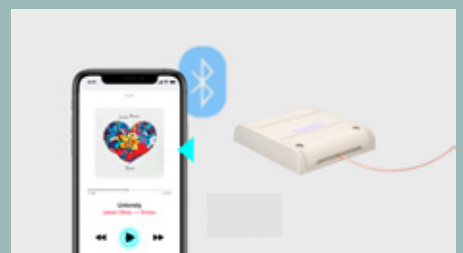
- 1 Connection speaker - amplifier and control unit - 12V/20W power supply



- 2 Speaker fixation on surface with adhesive tape or with metal bracket



- 3 Bluetooth connection and sound transmission to the amplifier



- 4 Sound transmission through the surface



SUPERMARKET CHECKOUT LINE

OPEN-CLOSE
CHECKOUT SIGNS CONTROL

CONTROL KIT

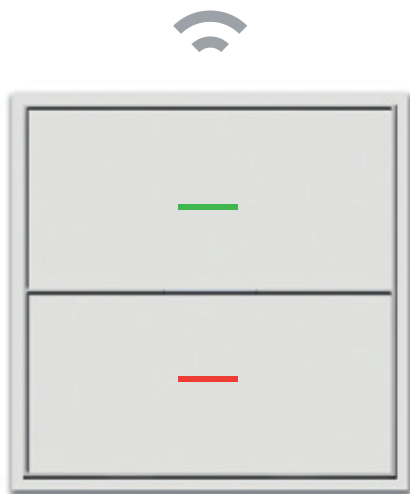
SINGLE AND MULTIPLE COMMANDS

TURN ON/OFF WITH ONE SINGLE CLICK

The system is composed of one control unit for RGB led including radio-receiver, and one radio-transmitter with 2 push-buttons that allow the red/green colour switching. Without any cabling to transmit the signal is not necessary introduce electrical fairlead columns.



Led 12-24Vdc Controller



Radiotransmitter
2 push-buttons



WIRELESS CONTROL

The comfortable radiotransmitter can be easily integrated on the cash-out station, while the webservice interface allow to manage all the cash-out system from smartphone, tablet or PC, controlling at the same time 1, 2 or any amount of switchings.

NEXTA TECH

COMPANY BRAND OF TEAM SRL

VIA G.OBERDAN 90, 33074

FONTANAFREDDA (PN) - ITALY

PH. +39 0434 998682

EMAIL: INFO@NEXTA-TECH.COM

WEB: WWW.NEXTA-TECH.COM

INSTAGRAM: NEXTA_TECH



PASSION
DRIVES
INNOVATION