
ELEGANT

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With passion for music and light

The history of Elegant is related to the creation of dedicated devices and solutions that facilitate the operation of light and sound. Our stage productions are used in music clubs and recording studios.

Digital LED controllers

Since 2015 we have created a series of drivers and controllers for digital LED strips (digital lighting). These products are used both in homes, e.g. home theaters, ceiling lighting, and in service facilities, e.g. banquet and conference rooms.

Proprietary software

The products created by Elegant allow you to take full advantage of the possibilities of available technological solutions and are a response to the needs of our customers. All products are developed in Poland and are based on proprietary software, ensuring unique effects.

ABOUT US

Innovative solutions

We take up challenges and create new products based on customer needs. We can extend the software for our products with new functionalities.
Sample extensions to our controllers:

- SMS gateway enabling the display of animations with content downloaded in real time from a text message
- SIM card support enabling connection to the controller, remote setting changes, control over effects, automatic failure notifications, real-time preview
- additional audio inputs, SD card support and more

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Network Controllers

Network Controllers enable the operation of digital LED strips or modules via a computer network. Any device equipped with a web browser (computer, phone, tablet) can be used to control the created effects

Art-Net SPI Nodes

Art-Net SPI Nodes control digital LED strips/pixels directly. Clear OLED display enables easy configuration in the device menu.

Sequential Controllers

Our controllers enable sequential light filling effects for connected digital LED tapes. They support up to 8 tapes of all types (RGB, RGBW, MONO, CCT, RGB+CCT).

DMX and Dali Controllers

Our products allow you to control digital LED strips (pixels) using DMX signal or in accordance with the international DALI specification using over 90 built-in effects.

Wi-FI Bridge

LED lighting can be controlled using our application displayed on a phone or tablet or personal computer.

Radio Controllers

Radio Controllers allow driving digital LED strips (or pixels) by using comfortable radio remote controller with touch buttons. They can control zones and react to sound using built-in microphone or mini-jack input.

Analog Controllers

Our controllers allow you to control digital LED strips (pixels) using a convenient, wireless remote control with touch-sensitive buttons.

Proximity and Light Sensors and Switches

Proximity Sensors and Switches are designed to detect a person climbing the stairs or passing through the corridor. Sharp reflective sensor makes its operation reliable. Front panels (plastic/metal) are mounted to a flush-mounted box.

Stair and Corridor Controllers

They allow you to achieve the effect of animating the illumination of stairs or a corridor, support all tapes and work with proximity sensors and switches.

NETWORK CONTROLLERS



The K130 and K130M Network Controllers enable the operation of digital LED strips or modules via a computer network.

Any device equipped with a web browser (computer, phone, tablet) can be used to control the created effects. They support all types of strips.

By accessing the controller's web page, you have the ability to select and control desired effects (brightness, color, speed, etc.). K130M version reacts to sound (mini-jack connector).

K130 / K130M



▲ Menu is accessible via buttons on the device and visible at OLED display. Controller's web page is available at http:// controller IP address

Check the features and configuration at YouTube channel ▼

Main features:

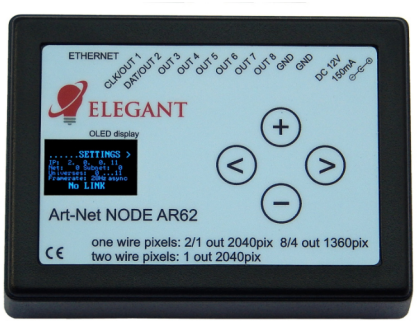
- Number of pixels:

  RGB: 1000 (2 x 500 per output)
  RGBW: 700 (2 x 350 per output)
  CCT WS2811: 1000 (2 x 500 per output)
  CCT TM1814: 700 (2 x 350 per output)
  MONO: 1000 (2 x 500 per output)
  RGB+CCT WS2805: 600 (2 x 300 per output)
  RGB+CCT WS2811: 500 (2 x 250 per output)

- White color temperature adjustment
- Available version with DIN rail mounting
- Local keypad, OLED display
- Network interface: Ethernet connector 8P8C (twisted pair)
- K130M version reacts to sound
- Dimensions: 109 x 79 x 31mm

The device can update software by connecting to internet router

ART-NET SPI NODES



This device controls digital LED strips/pixels directly using the Art-Net DMX network protocol. Clear OLED display enables easy configuration in the device menu.

Using the free Jinx! software you can create your own animations on your computer. The node works also with MADRIX and other Art-Net compatible programs.

The node has a special synchronous mode in which refresh rate synchronizes with Art-Net frame rate. This ensures high smoothness of the animation.

AR62 / AR440



◂ Menu is accessible via buttons on the device and visible at OLED display. Controller's web page is available at http:// controller IP address

Main features:

- Connects to a computer network using the Art-Net DMX network protocol
- Ready to use with standalone lighting consoles
- Possible direct connection to a computer with a cable (without a router or switch)
- AR440: 4 outputs - 4080 or 3072 pixels: 4 x 1020 pixels (RGB) or 4 x 768 pixels (RGBW)
- 8 outputs - 2040 or 1360 pixels. 12 x DMX512 universe or 8 x DMX512 universe
- Dimensions: 109 x 79 x 31mm

Supports up to 24 DMX universes instead of 4 provided by the

SEQUENTIAL CONTROLLERS



The controller allows for a sequential light-filling effect with connected digital LED strips. Up to 8 strips can be connected.

There are over 40 different animation modes available for lighting up or turning off the lights. The controller is compatible with both monostable (momentary) buttons and bistable (standard switches).

Additionally, the device can be operated using a remote control or the Wi-Fi bridge R240. Another distinguishing feature of the device is the ability to activate dynamic effects on an already extended line of light.

Main features:

F146

- Supports all types of tapes: RGB, RGBW, MONO, CCT, RGB+CCT
- Supports up to 8 LED tapes
- 40 different animation modes
- Compatible with monostable and bistable buttons
- Can be operated using a remote control or the Wi-Fi bridge R240
- Works with Proximity and Twilight Sensors and Switches (FS124, FS24, MS124, MS24).
- Dimensions: 109 x 79 x 31mm

Check the effects at YouTube channel ▼



Our products can be operated using standard remote controllers

DMX AND DALI CONTROLLERS



You can control digital LED strips (pixels) using DMX standard. It is commonly used in clubs, theaters and on stages to control a variety of lighting devices (moving heads, spotlights, lasers, scanners, dimmers, etc.).

In our offer you can also find controllers working in accordance with the international DALI specification. They appear as two devices in the system, where the first allows for color setting and operates according to the DALI specification, second one selects the effect and its speed extending the standard and uses RGB values to select effects and animation speed.

AR62 / AR440

Main features:

- Complies with DMX standard / DALI specification
- Over 90 built-in effects
- Music versions (S51TA/S53S/S53TA) automatically detect the song tempo and adjusts its sensitivity to the volume
- Dimensions: 60 x 84 x 30mm

ACCESSORIES







Solve everyday problems:

- W104 LED Splitter is used to amplify and separate digital signals of LED strips or modules.
- W91 Isolator-Amplifier provides electrical isolation of the digital strip circuit from the cable to the controller, significantly increasing interference immunity.
- Use W93 Differential Receiver when the controller is located too far from the LED strip, resulting in signal interference.

WI-FI BRIDGE



The R240 Wi-Fi Bridge allows to control LED lighting using an application displayed on a phone, tablet or personal computer. The application is available on Google Play Store under the name Elegant LED.

You don't have to use a dedicated application - it can be displayed (without installing) on any device that supports web browsers (PC, TV, tablet, game consoles using Chrome, Opera, etc.).

R240 Wi-Fi Bridge allows to control zones, change color, brightness, speed and effects using sliders and buttons. Ease of setup and operation is the main advantage of this product.

R240

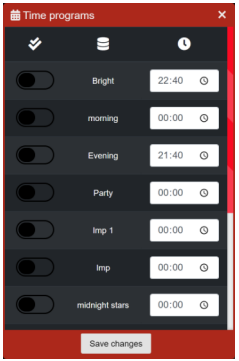
Download application from Google Store ▼

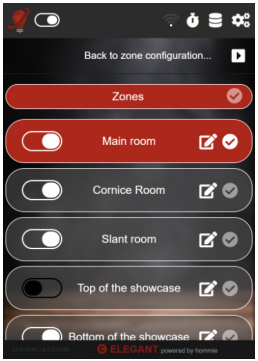
Main features:

- Uses Elegant Led app availabale on the Google Play Store
- Can be run on any device with a web browser using Elegant network or any WiFi network
- The memory screen allows us to prepare our favorite lighting arrangements and recall them later with one touch.

Supports up to 24 DMX lines instead of 4 provided by the standard







RADIO CONTROLLERS



Elegant LED Controllers allows driving digital LED strips (or pixels) by using comfortable radio remote controllers with touch buttons.

These product series has many versions with specific features. The software is constantly being developed, expanding the capabilities of the device.

Check practical applications of our products and browse the list of all effects ▶

Product series: S50 / S52 / S54 / S60 / S62 / S70 / S72

Main features:

- Over 100 built-in effects
- Supports zone control (independent control of multiple receivers with one remote)
- S50A, S52S, S52TA, S54T Controllers react to sound using built-in microphone
- S70A, S72S, S72TA Controllers react to sound using mini-jack audio input
- S62TA reads animations from micro SD memory cards (new animations can be prepared using a free program called "Jinx!") and supports pixel matrix
- Supported remotes: Mi-Light / MIBOXER FUT089, FUT092, FUT096, B3, B4, T3, T4
- Music Controllers automatically detect the tempo of the song and adjust its sensitivity to the volume, separates music into mid, low and high tones and creates effects on this basis

LED lighting control in 24 zones / No limit of controllers per zone

ANALOG CONTROLLERS



These controllers can control analog LED strips (pixels) using a convenient, wireless remote control with touch-sensitive buttons.

Main features:

Series: S30 / S32 / S35 / S36

- Allows for zone control (independent control of multiple receivers with a single remote control)
- Multiple controllers installed in one zone synchronize with each other automatically making effects, speed, flash timing the same
- S30M, S32M Controllers react to sound using built-in microphone
- RGB, RGBW, MONO, CCT versions
- Supported remotes: Mi-Light / MIBOXER FUT089, FUT092, FUT096, B3, B4, T3, T4

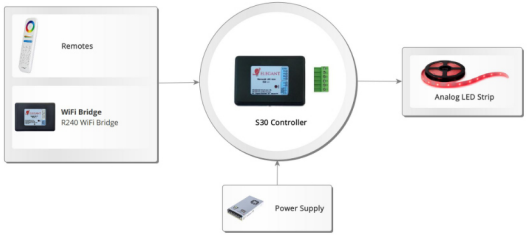
PROXIMITY AND LIGHT SENSORS AND SWITCHES



Proximity Sensors are designed to detect a person climbing the stairs or passing through the corridor.

Proximity Switches automatically turn on the lighting for a specified time.

Proximity and Light Sensors have adjustable light intensity level at which the sensor begins to detect movement.



Graphs with related products and manuals for each product are available on-line ▶

Series: MS1 / MS11 / MS24 / MS124 / FS1 / FS3 / FS11 / FS24 / FS124

Main features:

- These products use Sharp reflection sensors, which makes them very reliable.
- Adjustable activation sensitivity (the distance at which it should react) and the time for which the lighting will be turned on (from 5 to 90 seconds)
- Designed to be installed in a flush-mounted box
- M series with powder-coated metal front and easy lock system
- F series with durable plastic front mounted with screws
- maximum distance of detected objects: 140cm
- minimum distance of detected objects: 35cm

STAIR AND CORRIDOR CONTROLLERS



Our Controllers allow for an animated (unfolding) lighting effect for corridors (F220) or stair steps (F46). F40 and F420 models have dual use. All devices work with proximity and light sensors and switches.

F40 / F46 / F220 / F420

Main features:

- F420 iNetwor Controller is operated via computer network and supports RGB and RGBW tapes
- F40, F46 Controllers support all types of RGB, RGBW, MONO, CCT, RGB+CCT tapes
- Maximum number of pixels: 500 to 1000 depending on the strip
- Supported remotes: Mi-Light / MIBOXER FUT089, FUT092, FUT096, B3, B4, T3, T4


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