ARLIC
Architectural Lighting Management System

Designed & Manufactured
by ELECTRON SA

ARLIC architectural lighting system capable of managing the lighting needs of medium and multi purpose venues, but also flexible enough to cover the needs of a smaller space where the cost of installation is crucial, yet providing the features of a large system.

ARLIC system consists of:

- ***Control panels of 6 or 18 scenarios.***
- ***8 analogue input interface.***
- ***4 mains voltage (230VAC) input interface.***
- ***Infrared remote control.***
- ***Lighting programmer.***

ARLIC system can control up to 32 scenarios each. Each scenario can be a scene with programmable fade in-out, or a chaser with programmable rate and fade.

By using the 8 analogue input interface it is possible to connect to the system other control panels such as 0-10V, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts. By using the 4 mains voltage (230VAC) input interface it is possible to connect to the system common motion detectors, wall mounted switches (230VAC), as well as to have mains voltage monitoring for emergency functions.

The scenario selection buttons of all the system control panels are programmable. Any scenario can be activated from the desired button. Also, the buttons of each control panel can be grouped and function in different ways of scenario selection. The control panels can, optionally, have an IR receiver so as to accept commands from the system's IR remote control. With the remote control there is the possibility of controlling up to 18 scenarios.

The architectural lighting controller manages all the commands that are sent by the control panels and interfaces, it activates the lighting scenarios and scheduled events and it transfers them to the 512 channels of the DMX-512 output. By this way, any DMX device can be connected to the ARLIC system. The architectural lighting controller is also equipped with a DMX-512 input with an incorporated merger. From the DMX-512 input and by using a DMX control desk it is possible to control the illumination of spaces with capability of de-activating (Blocking) selected control panels.

An Emergency Scenario for each zone can be automatically activated when the ARLIC system detects power failure and activation of the electric generator, avoiding this way network overload. Also, a Panic Scenario for each zone can be activated from an external emergency heavy duty push button for lighting all areas in special cases.

The ARLIC system network (ARLICnet) is based on the Controller Area Network (CAN) protocol which is a real-time, serial, broadcast protocol with a very high level of security.

In ARLICnet there can be up to 96 Nodes of control panels and interfaces, while it is divided in 6 Segments which are connected by the repeaters.
The topology of ARLICnet can be Linear, Star, Tree, Ring or a combination of those.

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Ideal in small installations or in applications where cost is a crucial factor, control panels of 6 or 18 scenarios with incorporated DMX output can be used.

The ARLIC lighting control system can manage up to 60 DMX channels, while it is also possible that the control panels have an IR receiver for the IR remote control ARS.004.

The ARLIC can control up to 32 senarios and can support up to 48 nodes (16 control panels ARS.009/010/011/012, 16 analogue interfaces ARS.002 and 16 high voltage interfaces ARS.001). Also emergency lighting conditions are supported by the system.

ARLIC Controllers


ARS.013 WHITE


ARS.013 BLACK


ARS.023 WHITE

ARS.013
Control panel and controller with **6** scenarios and DMX output.

ARS.014
Control panel and controller with **6** scenarios, infrared receiver and DMX output.

ARS.023
Wall mounted control panel and controller with **6** scenarios and DMX output.

ARS.024
Wall mounted control panel and controller with **6** scenarios, infrared receiver and DMX output.


ARS.015 WHITE


ARS.015 BLACK

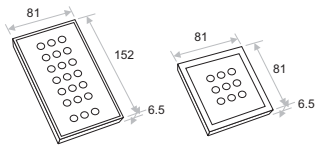

ARS.025 WHITE

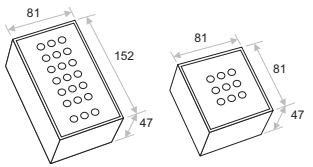
ARS.015
Control panel and controller with **18** scenarios and DMX output.

ARS.016
Control panel and controller with **18** scenarios, infrared receiver and DMX output.

ARS.025
Wall mounted control panel and controller with **18** scenarios and DMX output.

ARS.026
Wall mounted control panel and controller with **18** scenarios, infrared receiver and DMX output.





ARLIC system:

•Advanced lighting control system.

•Perfect lighting solutions.

•User friendly.

CONTROL PANELS
of 6 & 18 Scenarios for ARLIC

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- Control panels of 6 and 18 scenarios.
- IR receiver (optional).
- Programmable buttons.
- Button grouping.
- Multiple button operation modes.
- Up and down dimming buttons.
- Monitor LEDs for active scenarios.
- Status backup on power failure.
- DMX-512 output for stand alone operation.
- ARLICnet port.
- Variety of colours.


ARS.009 WHITE


ARS.009 BLACK


ARS.027 WHITE

ARS.009
Control panel with **6** scenarios.

ARS.010
Control panel with **6** scenarios and infrared receiver.

ARS.027
Wall mounted control panel with **6** scenarios.

ARS.028
Wall mounted control panel with **6** scenarios and infrared receiver.


ARS.011 WHITE


ARS.011 BLACK


ARS.029 WHITE

ARS.011
Control panel with **18** scenarios.

ARS.012
Control panel with **18** scenarios and infrared receiver.

ARS.029
Wall mounted control panel with **18** scenarios.

ARS.030
Wall mounted control panel with **18** scenarios and infrared receiver.

- Standard colours for frames and panels are BLACK or WHITE.
- Other colours of frame and panels: GREY, IVORY, STAINLESS STEEL, ANTHRACITE or ALUMINIUM are available at extra cost.

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ARLIC
Accessories

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Analogue interface

ARS.002 for ARLIC

- 8 programmable analogue inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The analogue inputs can be used to connect 0-10V control panels, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts.

High voltage interface

ARS.001 for ARLIC

- 4 programmable H.V. (230VAC) inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The inputs can be used to connect common motion detectors, wall mounted switches or buttons (230VAC), while it is possible to have mains voltage monitoring for emergency functions.

IR remote control

ARS.004 for ARLIC

- Remote control of 18 scenarios.
- Selection of active zone.*
- Up and down dimming buttons.
- Long effective range.
- No command conflict between zones.*
- Each zone can have its own remote control.*
- OFF button.

*Not available functions in the MINI ARLIC system.

Programmer

ARS.008 for ARLIC

- ARLIC system configuration.
- System devices setup.
- Scenario programming.
- Events programming.
- Emergency and panic programming.
- USB port for backup on memory stick.
- ARLICnet port.

Accessories for ARLIC

ARS.017
1-10V electronic rheostat

ARS.018
Wall motion detector

ARS.019
Ceiling motion detector

ARS.020
Presence detector

ARS.021
RJ45 ARLIC net socket

ARS.022
Wall mounted
RJ45 ARLIC net socket

ARS.003
ARLIC net repeater

ARC.004
Recessed wall box for
1 gang control panels.
Supplied for the control
panels if needed.

ARC.005
Recessed wall box for
2 gang control panels.
Supplied for the control
panels if needed.

ARC.006
Plasterboard box for
1 gang control panels.
Supplied for the control
panels if needed.

ARC.007
Plasterboard box for
2 gang control panels.
Supplied for the control
panels if needed.