



Aladdin

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Aladdin PIXEL CONTROLLER
with Lumenradio, DMX & ArtNet

USER MANUAL

THANK YOU FOR YOUR PURCHASE

User Manual

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Aladdin Lights
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TECHNICAL SPECIFICATIONS

| | |
|-------------------|--|
| Article Code | - |
| Compatibility | MOSAIC Series |
| Cooling | Passive cooling |
| Power Input | 4-pin Chogori Socket |
| Power Consumption | - |
| Dimensions | - |
| Weight | - |
| User Interface | Graphic OLED (128x64) |
| Temperature Range | - |
| DMX512 support | In (5-pin) and out (5-pin) / Lumenradio / ArtNet |
| Processor | ARM Cortex-M3 |
| Ethernet | 2 x Ethernet Sockets (10 Mbps) |
| DMX512 | 5 CH - RGBWW |
| Dimming Range | 0.5% - 100% |
| Temperature Range | 2'200 K - 12'000 K |
| IP-Rating | - |

WARRANTY

We provide a one year warranty period after the purchase. This warranty covers repairs or a replacement for faulty products within this period. After this warranty has been expired, you can still get repairs for your product which will be charged extra.

Aladdin Lights reserves the right to refuse warranty service on products under disputable conditions.

WARRANTY EXCLUSIONS

In case of any of the below listed causes, the warranty does not apply, even if it is within the free warranty period.

- Product failure due to consumer negligence.
- Product failure due to usage of not compatible power sources.
- Product failure due to disassembly by not official resellers/distributors.

SELECTED OPTIONAL ACCESSORIES



FB2035ANT

Antenna for wireless Lumenradio transmission.



FL12BIBASIC2M

2 meters of extension cable for inbetween dimmer unit and panel.



FL12BIEXCA5M

5 meters of extension cable for inbetween dimmer unit and panel.

START-UP GUIDE



-
- 1 Lock / Black-Out Switch
 - 2 Menu Page Buttons
 - 3 OLED Display
 - 4 Rotary Function Buttons - F1, F2, F3
 - 5 LED Panel Connector Socket
 - 6 RP-SMA Socket (Lumenradio Antenna)
 - 7 Ethernet Ports (RJ45)
 - 8 DMX-512A Input Socket (5-Pin XLR-M)
 - 9 DMX-512A Output Socket (5-Pin XLR-F)
 - 10 Micro SD Card Slot
 - 11 V-Lock Plate
-

STATES

The OLED display shows you different pages for primary light control.

| OLED | STATE |
|--|--|
| F1: DIMMING 100% F2: CCT 5500 K F3: GREEN +/- | WHITE page has been selected. Control with the rotary button. |
| F1: RED 100% F2: GREEN 0% F3: BLUE 50% | RGB page has been selected. Control with the rotary button. |
| F1: HUE 300° F2: SAT 45% F3: INT 100% | HSI page has been selected. Control with the rotary button. |
| F1: FILTER: SUNSET RED F2: SAVE: 1 F3: LOAD: 2 | FILTER page has been selected. Choose filters or save & load values into memory. |
| F1: EFFECT: FIRE F2: SPEED: 50% F3: INTENSITY: 10% | EFFECT page has been selected. Choose effects and control speed & intensity |
| F1: EFFECT: FIRE F2: SPEED: 50% F3: INTENSITY: 10% | DMX page has been selected. Choose effects and control speed & intensity |
| INPUT TYPE: LumenRadio | DMX/ARTNET page has been selected. Choose input: LumenRadio, DMX cable or ArtNet. |

DMX / ArtNet OPERATION

In DMX or LumenRadio mode, you always need to choose a start address and the profile for the device. However, as this is self-explanatory we will go more into the ArtNet mode which seems a bit more complicated.

| OLED | OPERATION |
|--|---|
| F1: INPUT TYPE F2: NETWORK F3: ARTNET UNIV | Select ArtNet as Input type for ArtNet control. Then press F2 for the next step. |
| [IP ADDRESS] not connected F2: DHCP RST | You get to the IP address submenu . press F2. |
| [IP ADDRESS] 192.168.1.53 | after you have pressed F2, the device retrieves the internal addresses (IP & MAC), which you need later for your controller software. |

IMPORTANT CAUTIONS AND WARNINGS

- You must set the sheet type (see OPERATION) before connecting to a panel.
- Do not use near flammables and heaters.
- Do not expose the unit to direct sunlight for a long period (applies also for storing in a car).
- Do not damage the product with improper force or cause any impact with heavy objects.
- Keep out of reach of children.
- Use the product only within temperature range of -10°C – $+40^{\circ}\text{C}$.
- When you have technical problems while using the product, stop using it immediately and contact your dealer / reseller.