Aladdin Pixel Controller With Lumenradio User Manual

Aladdin PIXEL CONTROLLER
with Lumenradio, DMX & ArtNet

USER MANUAL

Contents

Pixel Controller With Lumenradio

THANK YOU FOR YOUR PURCHASE

User Manual
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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 (128×64)
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	**FL12BIBASIC2M**	**FL12BIEXCA5M**
Antenna for wireless Lumenradio transmissiion.	2 meters of extension cable for inbetween dimmer unit and panel.	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 & int ensity
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 soft ware.

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°C.
- When you have technical problems while using the product, stop using it immediately and contact your dealer / reseller.

Documents / Resources

Aladdin Pixel Controller With Lumenradio [pdf] User Manual
Pixel Controller With Lumenradio, Controller With Lumenradio, Lumenradio

References

- ☀ **Lights.com**
- **User Manual**