Master Controller, DMX512, Programmable USB and Ethernet, 8 Universes

BL controls MADRIX AURA



The BL controls MADRIX AURA is an advanced stand-alone controller for simple recording and large-scale pixel mapping for beautiful light shows and interactive installations. Control via built-in web server or use Artnet and Streaming ACN to send control data over Ethernet network, and features inbuilt master/slave synchronization across up to 32 DMX Universes for seamless lighting effects when using multiple devices. Fully compatible with BL neonVIEW PIXEL, and designed for complex chasing and dynamic lighting systems.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 32 universes

Product Details















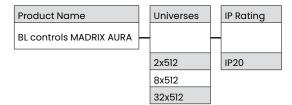


Power	DC 5 V – 24 V; over A) 2-pin, pluggable screw terminal or B) 5 V USB	
Power Consumption	< 1.5 W (300 mA) during normal operation (500 mA max. fused)	
Network Protocols	Art-Net (I, II, 3, 4, incl. ArtSync), Streaming ACN (sACN / ANSI E1.31)	
RDM Role	Acts on commands and replies to requests with its own status and sensor data via ArtRdm	
Output	2x / 8x / 32x 512 DMX channels output over Ethernet network	
Recording Input	2x / 8x / 32x 512 DMX channels input over Ethernet network	
Remote-Control Input	8x 512 DMX channels received over Ethernet network	
SD-Card Slot	Supports SD, SDHC, and SDXC cards (Tested up to 64 GB)	
Ethernet	2x RJ45, Auto MDI-X, daisy-chain support, 10/100/1000 MBit/s	
Ethernet Switch	Lookup Table (ALU) for 4096 unicast MAC addresses	
USB	1x port, USB 2.0, type-B female socket	
Handling	8 control buttons, 6 status LEDs (+ 4 network status LEDs)	
Case	Non-conductive, V-0 flammability rating, designed for 35 mm DIN-rails or wall mounting	
Weight	148 g 154 g incl. screw terminal, SD card, and wall mounts	
Temperature Range	-10 °C to 70 °C (Operating) -20 °C to 85 °C (Storage)	
Relative Humidity	5 % to 80 %, non-condensing (Operating / Storage)	
IP Rating	IP20	
Certificates	CE, FCC, RoHS Compliant	

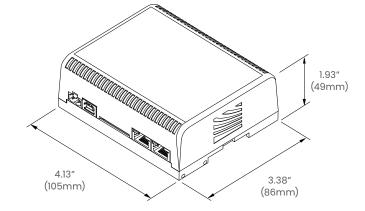
Features & Benefits

• DMX512	• 8 On Board Control Buttons, 6 Status LEDs and 4 Network Status LEDs	
• Scalable From 2 to 8 to 32 Universes	 Trigger and Control Remotely via Built-in Web Server or Art-Net/sACN 	
USB and Ethernet Programming and Control	• 2 x RJ45 Ethernet Ports, 1x USB 2.0 Port, 1x SD-Card Slot	
Built-in Master/Slave Synchronization Across All DMX Universes	• 1x Network Cable and 1x SDHC Card Included	
Clock / Calendar Triggering	• Wall Mount with 2x Mounting Brackets (included) or on 35mm DIN Rail	

Ordering



Dimensions



BL LIGHTING

ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC. Canada. V6P 3S8 P: 1-604-874-4405 E: info@bllighting.com Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved. Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information, BL LIGHTING catalog

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