

# AURORA

Powered by Limbic Media



**Meet Aurora** — the easiest to use and most sophisticated sound reactive lighting product in the market — just plug it in and it works. No computer needed. No complicated software required.

Aurora uses patented audio analysis algorithms to unravel sound in ways that no human being or lighting designer can. Audio information is analyzed in real-time to extract features as input into an AI based lighting engine.

We combine 10 years of lighting design experience with cutting edge Artificial Intelligence techniques and advanced signal processing to provide a deeply emotive visual experience.

*“See the music like never before”*

## **Standalone and plug and play**

- Aurora works right out of the box – no need for expensive custom programming or professional lighting personnel
- Sophisticated lighting design without expertise
- No PC required

## **Easy customization**

- A smartphone app gives you wireless control of the Aurora system to easily change the appearance and behavior of the system between events, holidays, and seasons to open new markets for year-round lighting.
- For lighting professionals, DMX integration is coming in Fall 2017.

## **Large-scale lighting control**

- Individually control up to 4000 lights (with power top-ups); unlimited if using repeaters.
- A variety of light fixtures available including bistro style lights, large globes, 360 lights, tubes, and C7 and C9 fixtures
- A library of highly customizable patterns

## **Powerful sound responsive lighting design**

- Lighting design AI uses patented algorithms to create lighting designs on the fly based on audio input

## **Organic and fluid lighting design**

- A powerful embedded processor and patented lighting algorithms create organic and fluid designs unlike anything currently in the market.

## **Mapping (Coming Fall 2017)**

- 2D and 3D geometric mapping engine to create spatial effects for volumetric LED installations

## **Multiple I/O options**

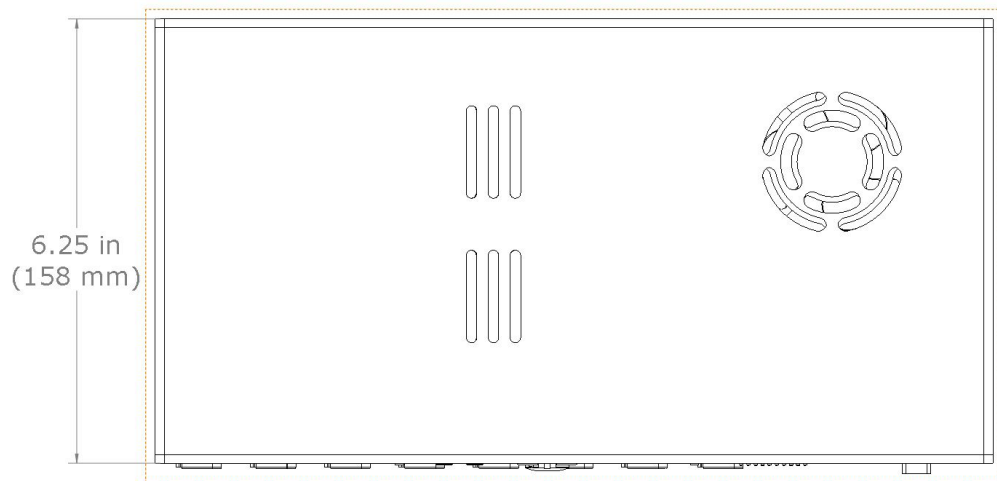
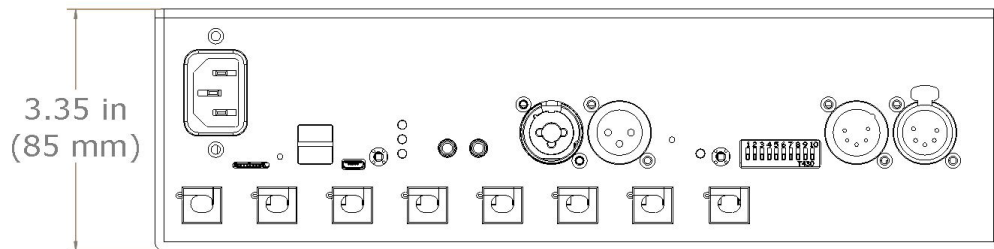
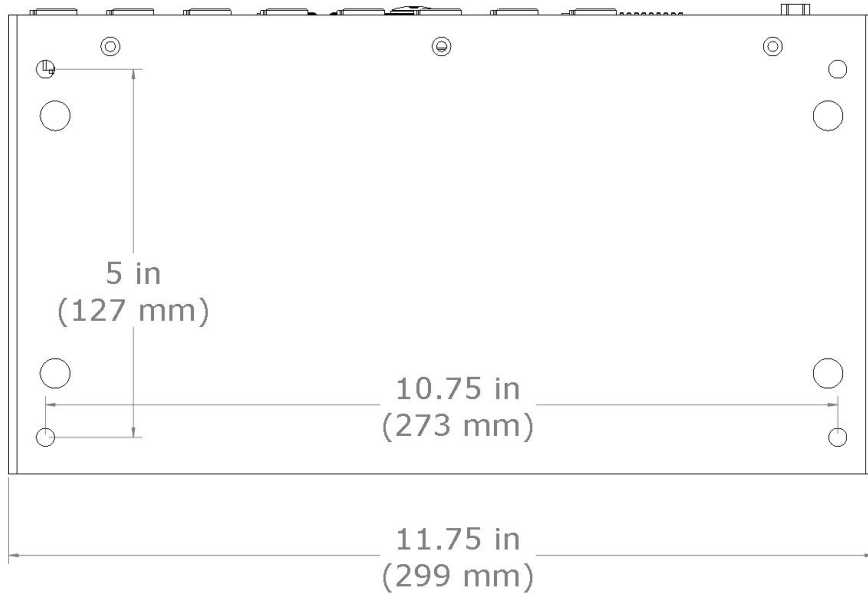
- USB mic
- 1/8 inch audio in/out
- Balanced XLR/ 1/4 inch combo audio in/out
- DMX in/thru/out (coming Fall 2017)
- Wi-Fi
- Android and iOS app

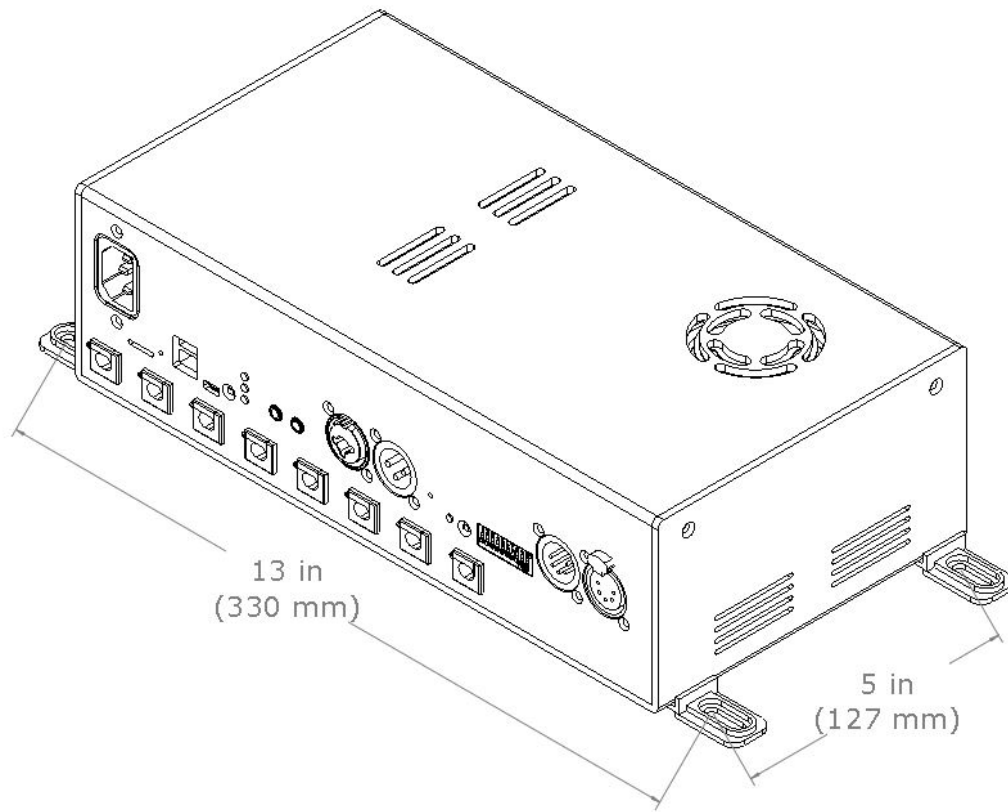
## **Included in the box**

- Aurora audio reactive lighting controller
- (4) mounting brackets
- (4) m5x1.0 mounting screws
- IEC power connector

## DIMENSIONS

Wireframes





## SPECIFICATIONS

Control, Electrical, Physical, Certification, Safety

### Control

Input	512 DMX, 3.5mm stereo Auxiliary Jack, ¼ inch combo jack, USB Mic, USB 2.0, Panel mount buttons
Output	USB 2.0, 1/8inch stereo out/thru, XLR, ¼ inch combo jack thru, DMX, 8 LED ports
Internal Storage	SD Card

### Electrical

Input Voltage (NA)	90-132 VAC 60 Hz
Input Voltage (EU)	180-264 VAC 50Hz
Power Consumption	348 W max

## Physical

Dimensions	299 x 158 mm x 85 mm (11.75 x 6.25 x 3.35 in)
Weight	2.6 kg (5.7 lb)
Housing	Acrylic/PVC blend
Operating Temperature	-25° - 40°C (13° - 104°F)
Humidity	20~90% RH, non-condensing

## Certification

Certification	UL/cUL, CSA, FCC, CE
Environment	Indoor/Dry location (outdoor case available for outdoor deployment)

## Lighting

Many lighting fixtures are available to use with Aurora. These reflect general specifications.

Power	12V @ 35mA - 250mA (depending on fixture)
Protocol	TLS3001, 12 bit per channel addressing
Housing	Polycarbonate
Operating Temperature	-20° - 50°C (-4° - 122°F)
Environmental	IP 65
Certification	UL/cUL, CSA, FCC, CE

## ACCESSORIES & ADD-ONS

### Item

- 2U Server Rack Shelf
- Outdoor Enclosure
- Custom Mounting Brackets
- Outdoor IP Rated Microphone

## WARRANTY

1 year standard warranty on manufacturer's defects.

