



Rhapsodya / Sinfonya Profile HP

Multispectral Family



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Rhapsodya emerges as a groundbreaking, low-noise multi-spectral RGBAL LED fixture meticulously designed for various applications such as touring, live events, theatre, and TV production, and managed by a specially crafted, internally developed firmware algorithm. It is an evolution of Sinfonya, particularly regarding the focus on quality of optics and color management, and the whisper-quiet operation even at full output. Rhapsodya has a stunning new product design that is sleek and modern, with a double power output compared to Sinfonya. Besides the innovative features in common with Sinfonya, such as ACCUFRAMETM, a framing system employing dual focal planes, achieving an astounding 40-fold increase in precision when compared to conventional framing systems and TONEDOWNTM, which ensures whisper-quiet operation at just 27dB, Absolute Position control for advanced PAN & TILT capabilities, and LINEGUARD, a new frost system employing two pairs of blades, Rhapsodya gives a technological boost thanks to the new features: AccuTune a precise control over the multicolor LED engine thanks to a new algorithm for vibrant and rich colors optimized for both stage and TV. COLORSTRING, is an individual LED control for a high level of graphics and color effects, empowering you to create intricate and dynamic lighting displays. Furthermore, the fixture boasts a cutting-edge Proprietary Optical System, offering an impressive 6.2° to 63.3° Zoom range. Rhapsodya is more than just a fixture; it's your backstage partner, your on-air star, and your roadie's dream. Explore its exceptional features and witness the future of lighting innovation.

Specifications

- **Light Source**
1200W RGBAL LED Engine
- **Light Output**
24,000 lm (in integrating sphere)
- **Zoom range**
6.2°- 63.3°



- **Effects**
Digital color filters; Individual Led Stripe Control (ColorString); 2 wheels with 6 HD interchangeable rotating gobos each; Animation wheel with X/Y insertion and rotation; 4-facets prism with rotation in both directions at variable speed; Color wheel expansion (with additional deep red, deep green and deep blue options)

Light Source Type

Source type

LED RGBAL

Power

1200W

CRI

Up to 94

Colour Temperature

2500 to 10.000K

Lamp life expectancy

40.000 Hrs*

*It may vary depending on various factors, as type of use and environment

Photometric Data

Zoom range

6,2° to 63,3°

Lumen Output

24.000 Lumen Output (Integrating Sphere)

Front Lens



Ø 180mm

Optical system

14 high efficiency lenses

Noise Level

Controlled by

Able to control linearly fans speed

Fixed presets

27dBA/ 30dBA / 35dBA

Fanless mode

with reduced output

Control and Connections

Personalities

Three (3) modes with 63 / 55 / 48 control channels + separate control of the engine string (20 channels)

Control protocol

DMX, Art-Net, RDM, sACN, CRMX lumen Radio (Optional)

Connectors

- Locking 5 pin XLR IN/THRU
- 2 x RJ45 IN/OUT

Power connector

PowerCon True1 IN

Web Server

Built In



Dynamic Effects

CloudIO

- Fully compatible
- On-field calibration for color consistency

Colours

- RGBAL control
- Virtual CTO
- +/- Green correction
- Adjustable CRI
- Digital Color Filters

Gobos

2 rotating gobo wheels with 6 HD Indexable and replaceable gobos: Ext diam. 32.8 mm Image diam. 27 mm Thickness 1.1mm

Framing system

- 4 blades with +/- 60° rotation of the full system, 2 focal planes
- "Total Curtain" effect allowing the full blackout with each single blade

Frost

- Linear heavy frost 5° for wash effect (Fixed)
- Light frost 1° for soft diffusion (interchangeable)

Rotating Effects

- 1 Aluminum animation wheel with continuous rotation in both direction at variable speed – XY movement
- 1 Four-Facet prism with rotation in both directions at variable speed

Iris

16 blades motorized with variable pulse and random effects



Movement

- Tilt: 270° – 16bit
- Pan: 540° – 16bit
- Accuracy: Resolution $\pm 0.12^\circ$ ($\pm 0^\circ 7' 12''$)
Range 0.24° ($0^\circ 14' 24''$)
- Absolute position
- Automatic repositioning
- Mechanical Pan/Tilt lock for safe transportation and maintenance
- Tilt safety brake system

Beam

- Motorized Zoom and Focus
- Autofocus

Dimmer/Shutter

- High speed electronic shutter and Strobe
- High resolution dimmer 24 bit, 3 curves

Hardware and Software

- Long life self-charging battery
- Display Graphic LCD backlit b/w display
- Firmware upload from another fixture
- Firmware Upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM

Housing

- Aluminum and steel structure with plastic covers
- Two side handles for transportation
- IP20 protection rate
- Working in any position
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base
- Optional safety chain

Electrical

Operating Voltage

100-120 / 200-240V, 50/60 Hz

Power Supply

Electronic auto range with active PFC



	MAX power consumption	1600W
Thermal Specification	Max ambient temperature	40°C (104°F)
	Min ambient temperature	-20°C (-4°F)
	Max temperature of the external surface	40°C (104°F)
	Total heat dissipation	5294 BTU/hr ±10% / 5580 kJ/hr ±10%
Safety Specs	Minimum distance of illuminated objects	2 meters (6'7")
	Minimum distance from flammable materials	0.2 meters (8")
	Bipolar circuit breaker with thermal protected power supply (overheating and cooling failure)	
	Forced ventilation with axial fans	
Compliance	CE Marking (in conformity to the following)	<ul style="list-style-type: none">• 2014/53/EU – Radio Equipment Directive (RED)• 2011/65/EU – Restriction of the use of certain hazardous substances (RoHS)• 2009/125/EC – EcoDesign requirements for



Energy-related Products (ErP)

UKCA conforms to UK regulations

- S.I. 2017 N.1206
- S.I. 2012 N.3032
- S.I. 2021 N.745

cETLus LISTED

- UL 1573:2003
- CSA C22.2 N.166:2015

Packaging

Green/Total carton box

Flight case + Foam shell (1 position)

Weight - Size

Weight

48.1 Kg (106.04 lbs)

Base dimension

452 x 407 mm 17,79 x 16,02 in

Height with vertical head (h)

859 mm 33,82 in

Distance between two fixtures

850mm

Accessories

Omega clamps

2x183102-805 (included)

Flight case 1 position

CF1028 (Optional)



Safety Chain

105041-003 (optional)

Power cord

ETL Power cord Cord 1.5 mt. (bare end with IP65
PowerConTrue1 connector): CAB0TF-802 (included)

Clamp

C21070 (Optional)
