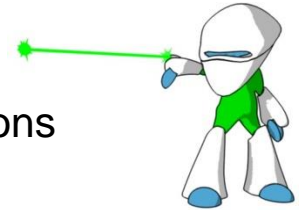


LASERENCORE

Professional laser light shows, displays and installations



STINGER RGB 11,000 GT + Grating Effects

Overview

STINGER RGB 11,000 GT is a high-end full-color professional laser projector designed for small to large-scale indoor and outdoor applications. Its compact size and powerful output with optional high-speed scanners make it a perfect choice for top quality laser graphics and aerial beam effects. The built-in laser grating module gives you 3 extra stunning laser effects that can be controlled using DMX.



Specifications

Light Source

Red: 3060mW @ 637nm Single Mode Direct-Inject diodes

Green: 4000mW @ 520nm Multi-Mode Direct-Inject diodes

Blue: 4000mW @ 445nm Multi-Mode Direct-Inject diodes

462nm on-request

Total Output @ Projector window: 9000mW ~ 10500mW

Beam Diameter (Projector Window): < 5 mm

Divergence (Full angle): < 0.9mrad (Full angle)

Modulation: Analog 50KHZ

Laser Class: Class IV

Scanner

Galvos: 40K (EMS 8000 60K upon request)

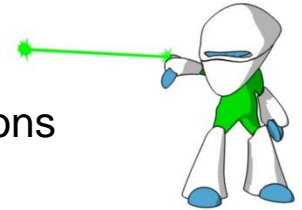
Scan Angle: 60° Max

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Grating Module

Built-in Effects 3 effects > Line grating / Burst grating / Lumia 1

User – Interchangeable Effects 2 effects > Lumia 2 / Lumia 3 (included)

DMX Channels 2 channels

GOBO Rotation Speed 0.08 RPM (min) – 12 RPM (max)

Interfaces & Controls

Control: ILDA in (Differential), ILDA out

Built-in Controller Pangolin FB4 (upon request)

DMX in / Out 5 pin XLR

Ethernet RJ45 in/Out (When FB4 is embedded)

Safety: Key Switch, Scan-Fail-Safe Switch

Remote Interlock: 5 pins XLR

Scan Image Invert: Invert – X, Invert – Y

Color adjustment: Intensity R, G, B (0-100%)

Mains: Neutrik PowerCon®

Thermal Control

Cooling: TEC Peltier Elements

Ventilation: 70mm Low noise fan * 3

Electric

Operating Voltage: AC 110V-240V

Power Consumption: 450W Max

Physical

L * W * H: 367mm * 291mm * 177mm (Without Yoke, Without feet)

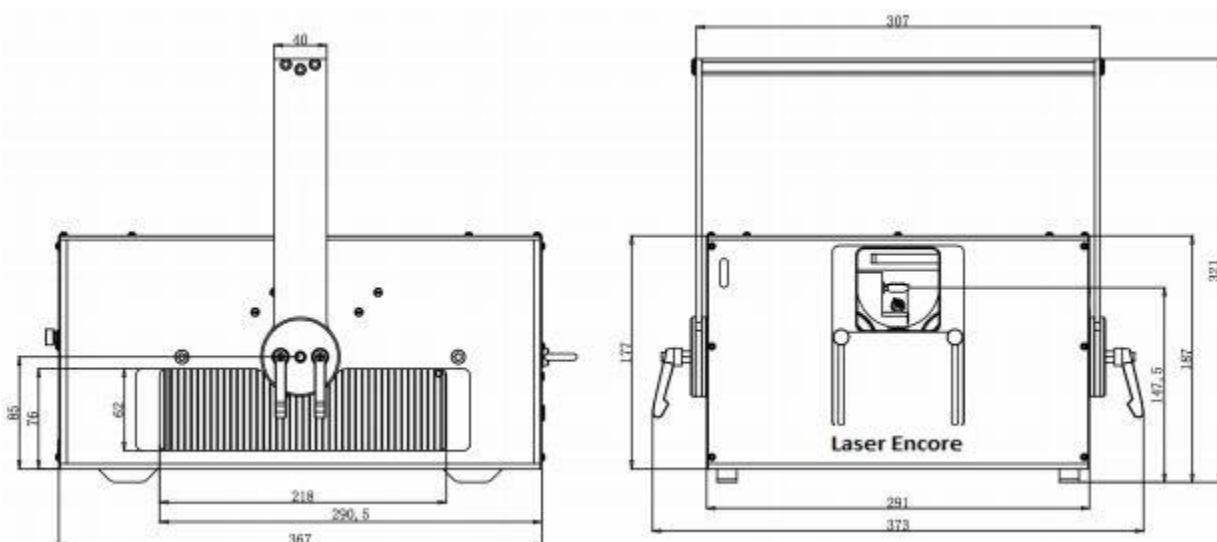
Weight: 18 kg

Housing Materials: Black Anodized Aluminum

IP grade: IP54

Packaging: Flight case

CDRH, FDA, CE and RoHS certified

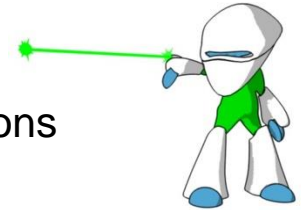


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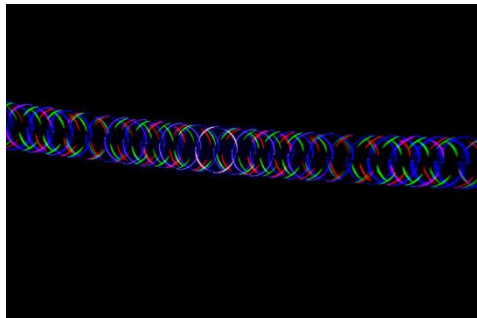
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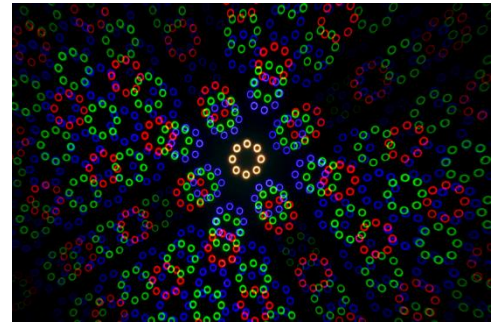
Grating effects

Line Grating

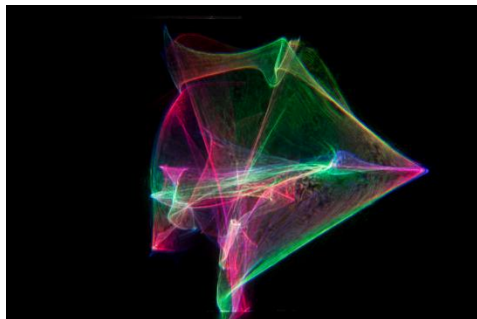


Lumia – 1

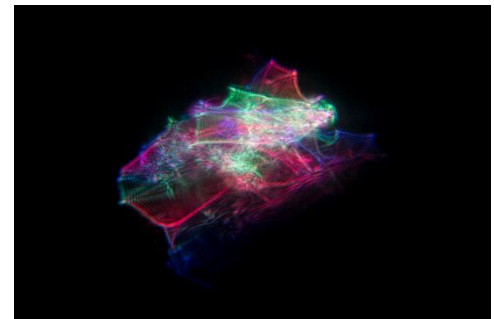
Burst Grating



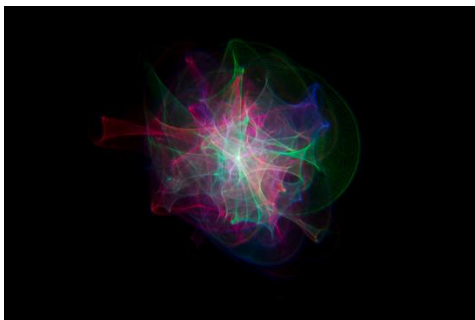
Lumia - 2



Lumia – 3



DMX Channel Assignment



DMX Channel Assignment				
Channel - 1	Gobo Selection			
	0 - 64	65 - 128	129 - 189	190 - 255
	No Effect	Effect 1	Effect 2	Effect 3
Channel - 2	Gobo Rotation Control			
	0 - 122	123 - 132	133 - 255	
	Clockwise Speed max - min	Static	Counterclockwise Speed min - max	

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