

Overview

PRIME RGB 15000 is a powerful full-color laser projector with Compact size. Its easy-handling and simple structure made it suitable for either mobile shows or permanent installations



Front Panel



Rear Panel

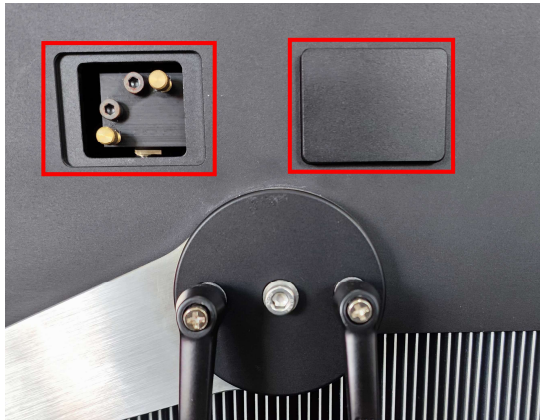


Front 45°



Rear 45°

- Stainless Yoke arm with soft-edged handle for comfortable handling



Dichro access hidden after magnetic cover on side panel for easy beam re-alignment

Specifications

Light Source		
Red :	4000 mW @ 637nm	Single Mode Laser diodes
Green :	5000 mW @ 520nm	Multi-Mode Laser diodes
Blue :	6000 mW @ 445nm	Multi-Mode Laser diodes
Total Output @ Projector Window	15000 ~ 15500 mW	

Beam Diameter (Projector Window): <6.0 mm

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

Modulation : Analog 50KHZ

Laser Class : Class IV

Scanner

Galvo : 35K (EMS 8000 40K upon request)

Scan Angle : 60° Max (54° when using EMS 8000)

Interfaces & Controls

Control :	ILDA in (Differential) , ILDA out
Safety :	Key Switch , FDA Scan-safe Switch
Remote Interlock :	5 pins XLR
Scan Image Control :	Invert – X , Invert – Y, Rotate Z 90°
Color adjustment :	Intensity R, G, B (0-100%)
Mains :	Neutrik PowerCon TRUE 1 TOP

Optional Components

Controller:	Pangolin FB4 (upon request)
Scanner :	EMS 8000 40K upon request

Thermal Control

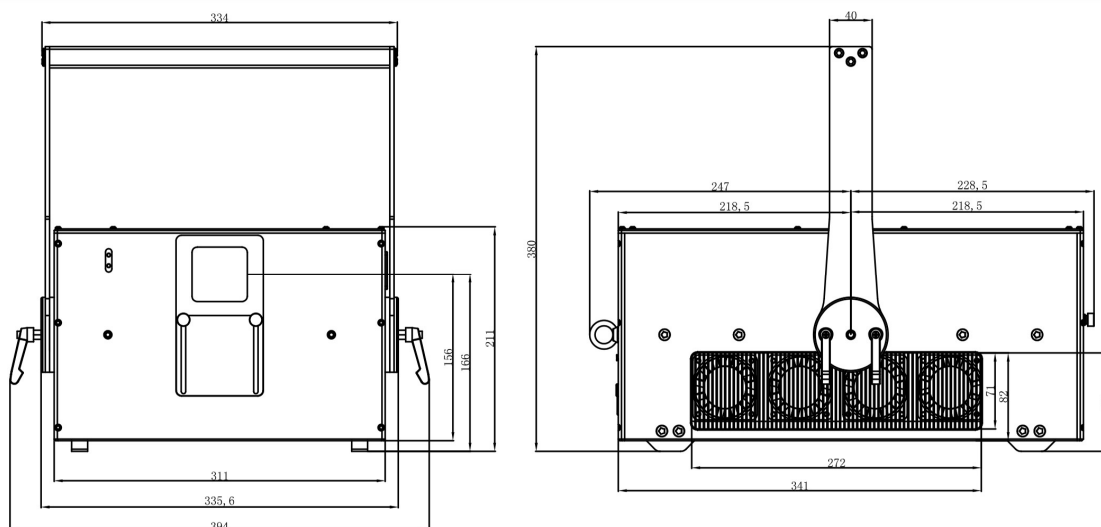
Cooling :	TEC Peltier Elements
Ventilation :	60mm Low noise fan * 4

Electric

Operating Voltage :	AC 110V-240V
Power Consumption:	560W Max

Physical

L * W * H :	476mm * 336mm * 211mm (Without Yoke, Without feet)
Weight :	25 kg
Housing Materials :	Black Anodized Aluminum
IP grade :	IP52
Packaging :	Flight case/ Heavy duty safety case



Compliance

Compliance FDA/CDRH, CE

Warranty

Warranty 24 months parts and labor

* The above specifications subject to change without prior notice