

Overview

The ARCHER **RGB** 5000 is a professional laser system designed specifically for beginners, DJs, clubs, and home or hobby use, while also catering to emerging professionals, corporate events, and lighting experts working on festivals, arenas, tours, and rental productions. It is capable of creating atmospherics, text, graphics, logos, and mapping, offering extensive functionality through its native ILDA connectivity, which allows users to program laser shows easily.



Front Panel



Rear Panel



Front 45°



Rear 45°

Specifications

Light source

ARCHER RGB 5000

Red :	1200 mW@638nm	Multi-Mode Direct-Inject diodes
Green :	1200 mW@525nm	Multi-Mode Direct-Inject diodes
Blue :	3000 mW@450nm	Multi-Mode Direct-Inject diodes

Beam Profile

Beam Diameter (Projector Window) :	< 5mm
Divergence (Full angle) :	< 1.2mrad
Modulation :	Analog 50KHZ
Laser Class :	Class IV

Scanner

Galvo :	40kpps @ 8° ILDA test pattern
Scan Angle :	60° Max

Interfaces & Controls

Control :	ILDA in (Differential), ILDA out
Safety :	Key Switch
Remote Interlock :	5 pins XLR

Optional Components

Embedded Controller :	Moncha.lite 2 or Pangolin FB4 (upon request)
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Thermal Control

Cooling :	Active Cooling/heating by TEC Peltier Elements
Ventilation :	50mm thermal-controlled fan * 2

ABLE LASER TECHNOLOGY

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Product Information

ARCHER RGB 5000

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Electric

Operating Voltage : AC 110V-240V

Power Consumption : 350W Max

Physical

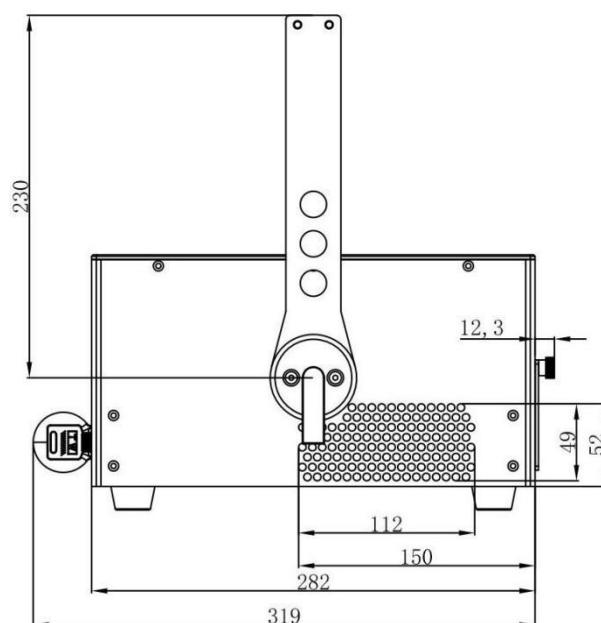
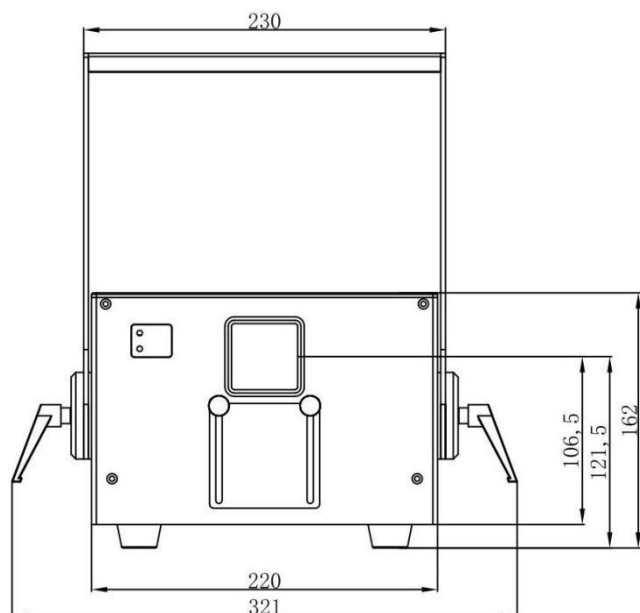
L* W * H : 282mm* 220mm* 162mm (Without Yoke)

Weight : 8.3kg (Without Yoke)

Housing Materials : Black Anodized Aluminum

IP grade : IP52

Packaging : Carton package



Compliance

Compliance FDA/CDRH, CE

Warranty

Warranty 24 months parts and labor

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