Overview

The ARCHER RGB 12000 laser is highly versatile, capable of creating both impactful aerial beam effects as well as text graphics, logos, and mapping effects. These lasers are part of a line known as the ARCHER series, which is specifically designed for emerging professionals who need high-quality, full color RGB lasers that can be easily integrated into a variety of shows and events, including clubs, corporate functions, festivals, and theaters.





Front Panel



Rear Panel

ABLE LASER TECHNOLOGY
3 Floor, Tower C, Huaming Industrial Park, Huanjiao Village, Shijing Town, Baiyun District, Guangzhou, China
TEL: +86 20 36397412
www.able-laser.com

Specifications

Light source

Red :	3300 mw@638nm
Green :	3500 mW@529nm
Blue :	5500 mW@462nm

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, FDA Scan-safe Switch
Remote Interlock :	5 pins XLR
Scan Image Invert :	Invert-X, Invert-Y, Rotate 90°
Color adjustment :	Intensity R, G, B (0-100%)
Mains :	Neutrik PowerCon®

Optional Components

Embedded Controller :	Pangolin FB4 (upon request)

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Product Information
ARCHER RGB 12000

Thermal Control

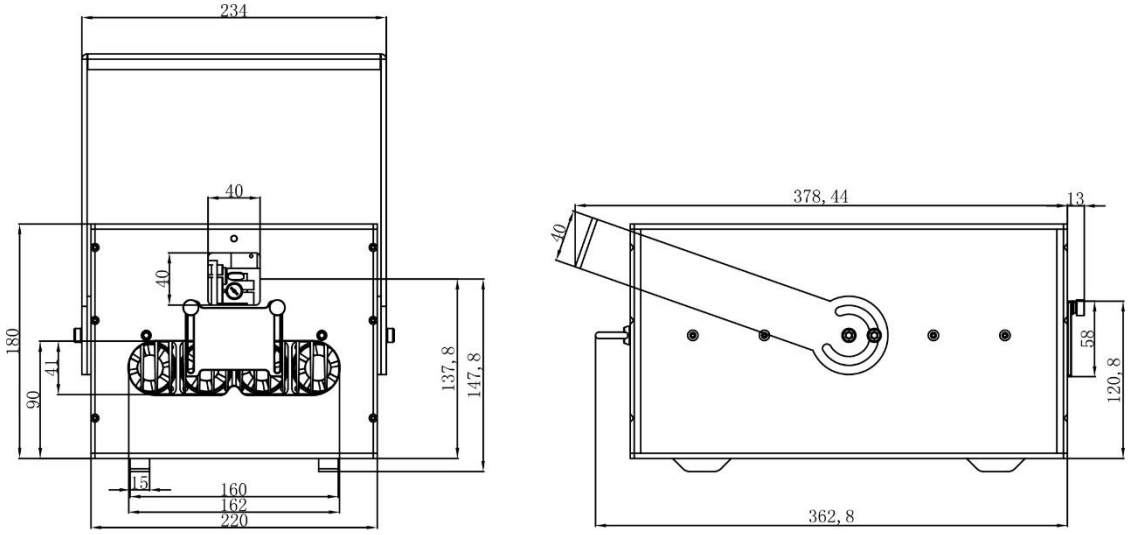
Cooling :	Active Cooling/heating by TEC Peltier Elements
Ventilation :	40mm Low noise thermal-controlled fan * 4

Electric

Operating Voltage :	AC 110V-240V
Power Consumption :	350W Max

Physical

L* W * H :	376mm* 246mm* 190mm (Without Yoke)
Weight :	15kg (Without Yoke)
Housing Materials :	Black Anodized Aluminum
IP grade :	IP52
Packaging :	Flight case



Compliance

Compliance	FDA/CDRH, CE

Warranty

Warranty	24 months parts and labor

* The above specifications subject to change without prior notice

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