

## Overview

ARCHER RGB 6000 / 8000 is a high-performance, low-cost full color laser projector, its light weight & high cost-performance ratio make it a perfect solution for small mobile shows and venues like clubs & bars.



Front Panel



Rear Panel

## Specifications

### Light source

|         | ARCHER RGB 6000 | ARCHER RGB 8000 |
|---------|-----------------|-----------------|
| Red :   | 1200 mW@638nm   | 1800 mW@638nm   |
| Green : | 2000 mW@520nm   | 3000 mW@520nm   |
| Blue :  | 3500 mW@450nm   | 3500 mW@450nm   |

### 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) |
|-----------------------|--|

### Thermal Control

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

### Electric

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

## Physical

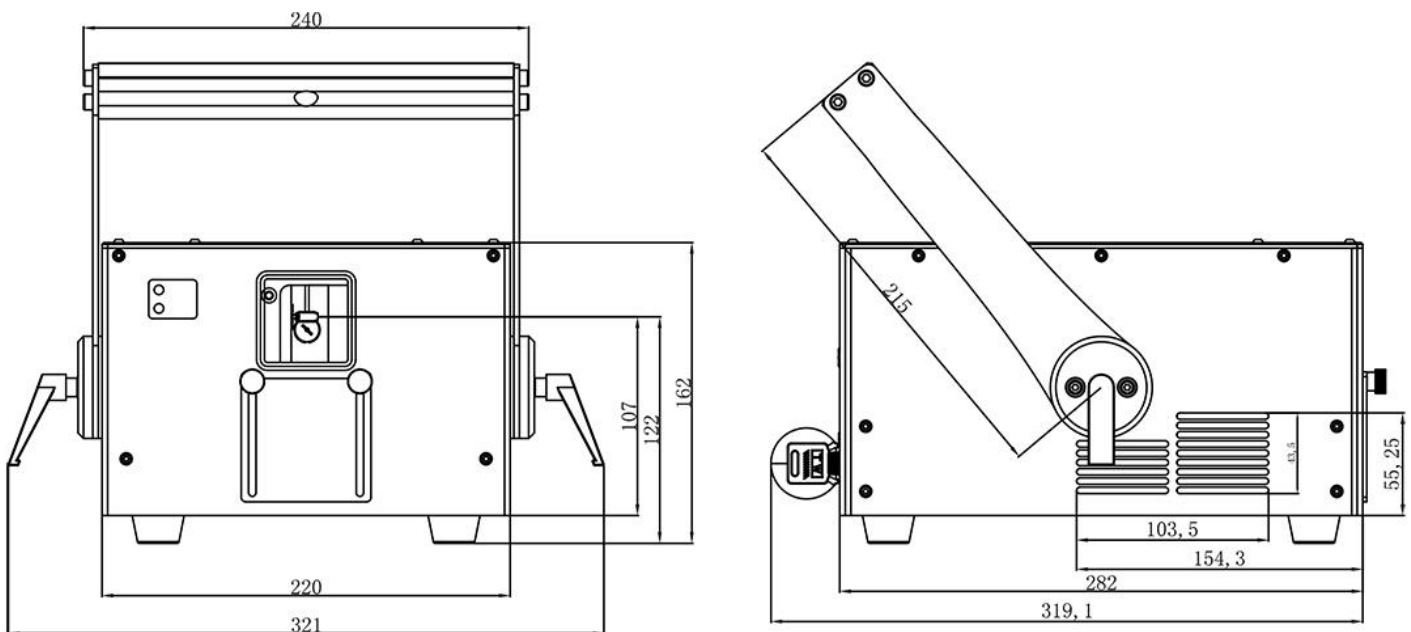
L\* W \* H : 319mm\* 240mm\* 162mm (Without Yoke)

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

\* The above specifications subject to change without prior notice