

## F2022 Two Eyes Stepper Motor Laser User Manual



Thank you for purchasing F2022 Animation Motor Laser Light, for your personal safety and better use of the product, read this manual carefully before use and right operation, which in order to avoid those unnecessary damage to the safety of the light.

● **Package list :**

When you unpack the case, please take time to examine the items as follow:

- Projector 1
- Power cord 1
- User manual 1

● **Instructions for use:**

After opened the box, carefully check whether the laser show device damage due to transportation, such as the screw is loosen, reflective lens is broken and so on. Please check before applying power. Check the lighting placement is correct and secure, check the power supply electrical pressure is the same with this product, or damage to the lamp is not an example of warranty. Examination was normal after the use of electricity.

The device is a protection device, it must be yellow-green wire ground, and by a professional to complete. Check before using power supply voltage is normal, if the power supply voltage fluctuation of the region, it is recommended to use 110V/230V voltage regulator or regulator power supply. After a few seconds, self-powered, self-test is completed you can use.

As the solid semiconductor laser generator itself uses properties, please use the lamps suspended after 30 minutes, about 10 minutes before the next use, so you can ensure the normal life of the laser light source.

● **Technical Parameters:**

Rated Voltage: AC230V ±10%,50HZ~60HZ

Laser Consumption: 60W

Laser Power: 500mw

Laser Color: Green Red Blue

Control Mode: DMX512, automatic, music control.

Control channel: 10ch

Cool system: fan

Operating Environment: indoor.

● **Mode settings:**

	Mode	Binary dial the code (ON)
1	Stand-alone music control mode	1~10 is OFF
2	Stand-alone automatic mode	1 is ON, the rest is OFF
3	DMX-512control mode	10 is ON
4	A square test design	9 is on ,the rest is off
5	Spot test design	8,9 on ,the rest is off

● **DMX-512 Control channel menu**

Channel		DMX No.	Control content
CH1	Mode selection	0-63	Off light
		67-127	Switch DMX mode

		128-191	Automatic mode
		192-255	Sound control mode
CH2	Pattern Selection	0-255	25pcs laser Patterns
CH3	Pattern rotation	0-127	The adjustment of the pattern rotation
		125-255	Pattern rotation
CH4	Pattern horizontal rotation	0-127	Horizontal angle adjustment of pattern
		128-255	Pattern horizontal rotation
CH5	Pattern vertical rotation	0-127	Vertical angle adjustment of pattern
		128-255	Pattern vertical rotation
CH6	Pattern horizontal movement	0-127	The angle selection of horizontal movement
		128-255	Pattern horizontal rotation
CH7	Pattern vertical movement	0-127	The angle selection of vertical movement
		128-255	Pattern vertical rotation
CH8	Zoom of the pattern	0-127	Pattern size
		128-255	Pattern zooming
CH9	Color mode	0-255	Color selection
CH10	Grating effect	0-255	Grating effect switch

● **Safety marks:**



- ! Please make sure to switch off the power before installation or maintenance.
- ! Please keep the fan expedite and environment ventilated.
- ! This laser projector is designed for the indoor, so while using, please avoid any dripping. If you want to use for outdoor, please do enough waterproof measure.
- ! Before maintenances, please refer to eligible personnel
- ! Do not use any power voltage and light type of different specifications
- ! Please do not see the laser light directly, in case it might damage the eyes.
- ! Avoid electric shock! Bulb overheating.
- ! Do not use it frequently under the humid atmosphere.

● **Maintenance:**

It is very important to keep the single color motor animation light clean, therefore please clean reflector lens monthly to keep the lights away from dust, dirt or fog juice. We suggest that clean the light with professional glass cleaning lotion and downy cloth. Keep the light clear regularly will not only maintain the maximum laser output brightness but also will extend the life span of the laser.