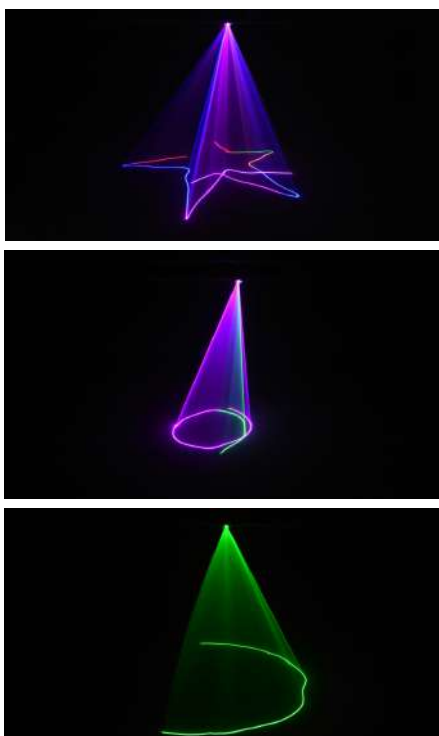


F1011 Step Motor Laser Party Light User Manual



Thank you for purchasing F1101 RGB laser light, for your personal safety and better use of the product, please read this manual carefully before use, lest incur any personal injury or damage to the projector

• Package list :

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

- Projector 1
- Power cord 1
- User manual 1

•Technical Parameters:

Rated Voltage:AC100~240V
 Rated frequency:50Hz~60Hz
 Power consumption: 30W
 Laser power: R200mw/650nm G80mw/532nm B300nw/450nm
 Color: RGB full color
 Patterns: 128pcs latest laser patterns
 Scanning: 15kpps vibratory mirror system
 Scanning angle: ±20 degrees
 Channel: 12 DMX-512signal control channels
 Control mode: DMX-512signal control, music control, automatic
 Cool system: Fan

•Instructions:

After opened the box, check whether the laser show device has been damaged by the rough transportation or not, such as the screw is loosen, reflective lens is broken. Please check before connecting power. Check the lighting placement is correct and secure, check the power voltage is the same with this product, or damage to the lamp is not an example of warranty.

The device is A-grade protection device. While using this laser lighting, green and yellow wire has to connect the ground properly by professionals. Please examine the electrics and voltage before connecting the power. We suggest customer apply 110V/230V or a transformer. 20 seconds after powered on the projector, it will self-check for several minutes and then can be used.
 Because the solid semiconductor laser generator got its own characteristic, please terminate it for 10 minutes after have displayed it for 30 minutes. This kind of protection can make sure the laser diodes work properly in the future operation. Please to avoid being interfered by other signals (such as wireless interphone & high radiated source) while the lighting is performed by DMX512 mode.

Control mode set up detail as bellow:

MODE		Control switch (ON)
1	Single projector controlled by sound	1-9:OFF, 10:ON
2	Single projector automatic control mode	1-8:OFF, 9,10:ON
3	DMX-512 control mode	10:OFF

•Channel functions:

Channel		DMX-512 value	Control content
CH1	Pattern controlling	0~41	Laser light off
		42~83	Manual control mode

		84~125	Animation effect automatic control mode
		126~167	Line effect automatic control mode
		168~209	Animation effect sound control mode
		210~252	Line effect sound control mode
		253~255	Manual control sound mode
CH2	Pattern selection	0~255	Pattern group A
CH3	Pattern selection	0~255	Pattern group B
CH4	Pattern rotation	0~128	Pattern rotation angle adjustment
		129~255	Pattern rotation speed adjustment
CH5	Pattern left/right reverse	0~128	Pattern left/right reverse
		129~255	Pattern left/right reverse speed adjustment
CH6	Pattern up/down reverse	0~128	Pattern up/down reverse
		129~255	Pattern up/down reverse speed adjustment
CH7	Pattern left/right moving	0~128	Pattern left/right moving
		129~255	Pattern left/right moving speed adjustment
CH8	Pattern up/down moving	0~128	Pattern up/down moving
		129~255	Pattern up/down moving speed adjustment
CH9	Pattern size	0~63	Pattern size adjustment
		64~128	Pattern size from big to small
		129~192	Pattern size from small to big
		193~255	Pattern size zoom
CH10	Pattern gradual drawing	0~255	Running gradual drawing effect
CH11	Patterns dot controlling	0~255	Running dot effect
CH12	Color changing	0~255	Color changing

•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 and laser source overheating!
- ! Do not use it frequently under the humid atmosphere.

• Maintenance:

It is very important to keep this 500MW RGB animation laser 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 clean regularly will not only maintain the maximum laser output brightness but also will extend the life span of the laser.