

USER'S MANUAL

3000mW RGB Laser



-Maintenance

- 1.Please keep the light in dryness and avoiding use in wet place.**
- 2.Using intermittently can be extended the life.**
- 3.Attention to clean the fan and lens usually in order to get the ventilating effects and lighting effects better.**
- 4.Please do not wipe the crust using organic menstruum for avoid to damaged the product.**

-Statement

The product has well capability and intact packing when leave factory,All of the user should comply with above warning item and manual ,any misuse cause of the damages are not included in our guarantee,and also can't be responsible for any malfunction & problem owing to ignore the manual. Please forgive that we will not be notice for technical change

-Attention Item

- 1.For guarantee the life of product,please do not put it on the wet place and not use it the place over 40 degree.**

2. Please don't lay the product on the un-fixable or shakable place.

3. Ask for the professional to maintain the product in order to avoid the danger of get an electric shock.

4. Power supply should not be changed over +&-10% while the light is using, it will be decreased the life of lamp if the power is too high, but it will be influenced the luminosity if the power is too low.

5. After power off, if it is need used again, please cool down over 20 minuter.

6. Please look round the manual for ensure the product can be used normally.

-Technical parameters:

*** Control signal: international standard DMX-512 signal channel**

*** Control mode: DMX512 control, self-propelled, Sound control, master slave.**

*** DMX Control channels: 12/25 DMX Channels**

*** Laser color: red, green, blue**

*** Scanning system: stepper motor**

*** Scan angle: + 25 degrees.**

*** Scanning vibroscope speed: 30 Kpps reflection.**

-LCD display panel:



The menu operation is simple and easy to use with the function of touch key and LCD menu display,

Power on and load lasersystem2.8 software automatically,

After the software is loaded, the software version (soft-v2.8) is displayed.

Select the required functions through the up and down buttons.

Determine the selected function by pressing enter.

Use the return key to return to the previous menu.

LCD function menu settings:

First class menu	Two level menu	Three level menu
DMX512	A001-A512	DMX Address code
Auto	Effect 1/2/3	Auto mode
Music	Effect 1/2/3	Sound Active
Testing	Test 1/2/3	Test pattern
Setting	Address	DMX Address code set
	Light	Screen light On/Off After 5S
	One Beam	Beam saver On/Off
	Master	Master&Slave Mode On/Off
	Channel	12/25 CH
	Default	Default setting
Laser	Size	128
	Color	Single
		RGY
		RBP
		GBA
		RGB
		WYAP
	Inverse X	Reverse X axis
Inverse Y	Reverse Y axis	

12 DMX512 channel :

Channel	Function	DMX-512	Control content
CH1	Laser Off	0-41	Laser Beam Off
	Auto	42-83	manual control
		84-125	Auto run Built in animation
		126-167	Auto run Built in Beam
	Sound	168-209	Sound active Built in Beam
		210-251	Sound active Built in animation
		252-255	manual control
CH2	Pattern	0-255	Every 32 values are a group
CH3	Pattern	0-255	Every 16 values are a group
CH4	Rotation	1-127	Rotate angle
		128-191	Inverse rotation
		192-255	Positive phase rotation
CH5	Horizontal Flip	0-127	Horizontal flip position
		128-255	Horizontal flip Rotation speed
CH6	Vertical Flip	0-127	Vertical flip position
		128-255	Vertical flip Rotation speed
CH7	Horizontal	0-127	Horizontal move position

	Move	128-255	Horizontal move speed
CH8	Vertical Move	0-127	Vertical move position
		128-255	Vertical move speed
CH9	Pattern scale	0-63	Scale adjustment
		64-127	Marrow speed
		128-191	Enlarge speed
		192-255	Scale speed
CH10	Pattern Painting	0-127	Painting speed
		128-255	
CH11	Scan	0-127	Scan speed
		128-255	Pattern Lattice
CH12	Color	0-63	Color select
		64-127	Color auto change speed
		128-191	Line Rainbow color speed
		192-255	Painting speed

25 DMX512 channel :

Channel	Function	DMX-512	Control content
CH1	Laser On/Off	0-41	Laser off
	Auto mode	42-83	Manual Control
		84-125	Auto run animation effect
		126-167	Auto run beam effect
	Sound active	168-209	Sound active beam effect
		210-251	Sound active animation effect
252-255		Manual Control	
CH2	Pattern A	0-255	Every 32 values are a group
CH3	Pattern A	0-255	Every 16 values are a group
CH4	Pattern A Rotation	1-127	Rotate angle
		128-191	Inverse rotation
		192-255	Positive phase rotation
CH5	Pattern A Horizontal Flip	1-127	Horizontal flip position
		128-255	Horizontal flip Rotation speed
CH6	Pattern A Vertical Flip	1-127	Vertical flip position
		128-255	Vertical flip Rotation speed
CH7	Horizontal Move	1-127	Horizontal move position
		128-255	Horizontal move speed
CH8	Vertical Move	1-127	Vertical move position
		128-255	Vertical move speed
CH9	Pattern A scale	0-63	Scale adjustment
		64-127	Marrow speed
		128-191	Enlarge speed
		192-255	Scale speed

CH10	Pattern A Painting	0-127	Painting speed
		128-255	
CH11	Pattern A Scan	0-127	Scan speed
		128-255	Pattern Lattice
CH12	Pattern A Color	0-63	Color select
		64-127	Color auto change speed
		128-191	Line Rainbow color speed
		192-255	Painting speed
CH13	Pattern A maximize	0 ~ 255	Set the largest pattern when zooming from large to small
CH14	Pattern B	0-255	Every 32 values are a group
CH15	Pattern B	0-255	Every 16 values are a group
CH16	Pattern B Rotate	1-127	Rotate angle
		128-191	Inverse rotation
		192-255	Positive phase rotation
CH17	Pattern B Horizontal	1-127	Horizontal flip position
		128-255	Horizontal flip Rotation speed
CH18	Pattern B Vertical	1-127	Vertical flip position
		128-255	Vertical flip Rotation speed
CH19	Pattern B Horizontal move	1-127	Horizontal move position
		128-255	Horizontal move speed
CH20	Pattern B Horizontal move	1-127	Vertical move position
		128-255	Vertical move speed
CH21	Pattern B Scale	0-63	Scale adjustment
		64-127	Marrow speed
		128-191	Enlarge speed
		192-255	Scale speed
CH22	Pattern B Painting	1-127	Painting speed
		128-255	Scan speed
CH23	Painting Scan	0-127	Pattern Lattice
		128-255	Color select
CH24	Pattern B Color	0-63	Color auto change speed
		64-127	Line Rainbow color speed
		128-191	Painting speed
		192-255	Horizontal flip position
CH25	Pattern B maximize	0-255	Horizontal flip Rotation speed