

160MW RGY Twinkling Laser

Laser output: Green 532nm40mW

Red 650nm120mW

Yellow is generated by mixing Green and Red in Fog only.

Control System:DMX512/Auto/Sound Activated

Size:136*285*99.5mm

N.W:3.2kg

More than 200 beams, 70 degree angle. Rotate and Flash

DMX Chart:

1	Control Mode	0-69	Laser Off
		70-139	Audio mode
		140-209	Auto mode
		210-255	Manual mode
2	Pattern	0-33	Motionless pattern
		34-255	Development geometrical pattern
3	Frequency flash	0-255	8 Level Speed
4	Demonstration pattern	0-69	Show regularly
		70-255	Bright-point show
5	Left & Right Move	1-160	Manual
		161-190	Auto Right Move
		191-220	Auto Left Move
		221-255	Auto Left & Right Move
6	Up & Down Move	1-160	Manual
		161-190	Auto Up Move
		191-220	Auto Down Move
		221-255	Auto Up & Down Move
7	Zoom in & Zoom out	0-2	No turn
		3-92	Manual
		93-146	Auto from Zoom out to Zoom in
		147-200	Auto from Zoom in to Zoom out
		201-255	Auto Zoom in & Zoom ou
8	Reset	200-255	Reset

4) Plug in the power source,the equipment will self test about 10 seconds.

then you can change the patterns and speed through the controller.

Installation

1. Carefully inspect your Laser Show equipment you unpack it. If any damage is evident, such as dents or scratches on the covers or broken knobs, etc., immediately notify your local sales distributor.
2. Hang up the equipment in a safe place. Ensure that there are no barriers before the laser aperture.
3. Choose the operation mode.

Let us look at the use of the DIP switch:

When the 10th bit is turned to on

1st-9th bit is the DMX address (from 1-255).

When the 10th bit is turned to on, the 1st bit:

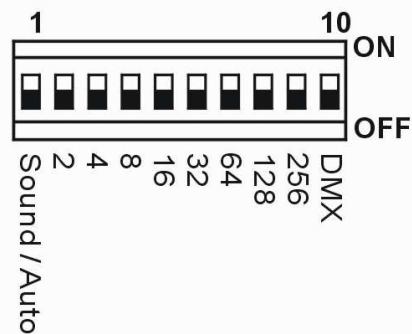
OFF: Sound Activation mode

ON: Auto run mode

The 10th bit :

ON: Sound Activation or auto run mode

OFF: DMX512 mode



Sound activation Mode

When the equipment works on this mode, laser patterns will be changed automatically by music. Please follow steps as below:

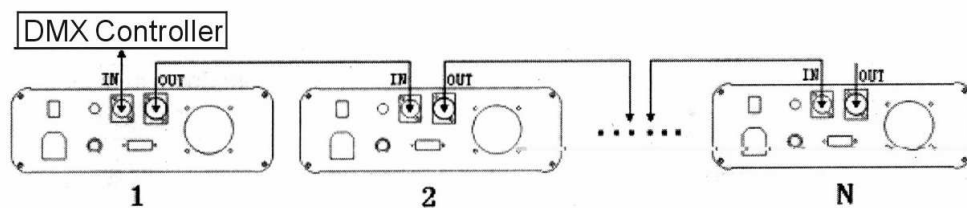
- 1) Push the 10th bit of DIP Switch on the rear panel down to the “ON”

- 2) Push the 1st bit of DIP Switch on the rear panel down to the “OFF” position.
- 3) Plug in the power source, the equipment will self test about 10 seconds.
- 4) Turn the 『Speed』 knob (left: min., Right: max.) to adjust the changing speed of the pattern. Enjoy it!

DMX 512 Mode

When the equipment works on this mode, we can use the standard DMX512 controller to turn laser on/off, change laser color, patterns, and moving speed, and so on. Please follow steps as below:

- 1) Push the 10th bit of DIP Switch on the rear panel up to the “OFF” position.
- 2) Connect all Laser Show equipments to the DMX512 controller. They are connected in a daisy-chain fashion: from the controller to light #1, to light #2, to light #3 and so forth.



The final device in the daisy-chain must be terminated. Terminating plugs contain a 120 ohm resistor soldered across pins 2 and 3. The terminator functions by absorbing signal power which would otherwise be reflected back into the cable and degrade the data.

- 3) There are 13/8 channels used on the equipment. Here are specifics: