

128 RGB500MW animation grating laser



use Instruction

Thank you very much for your purchase of full-color laser show, to your personal safety and better use of the product, please read this manual carefully before using, and according to the rules of operation, in order to avoid misuse and damage of personal safety and lamps and lanterns.

Low packing list:

When you open the laser show on packing, please check for the following items:

- RGB full-color laser show
- RGB full-color laser show is the power cord
- RGB full-color laser performance, specification a

Low product technical parameters:

Rated voltage: AC110-220 – v/50 ~ 60 hz

Rated power: 35 w

Laser power: RGB

Laser design: 128 laser animation design

Modulation signal: TTL

Scanning system: 15 KPPS galvanometer scanning

Scanning Angle: plus or minus 20 degrees

Control mode: DMX512, voice control, since go,

The control channel: 12 DMX512 channel

Cooling system: forced cooling fan

Packing size: inner carton: 28 x22x18 CM

Packing: 96 X29 X45CM 10pcs

Net weight: 2 KG Gross weight: 2.5 kg

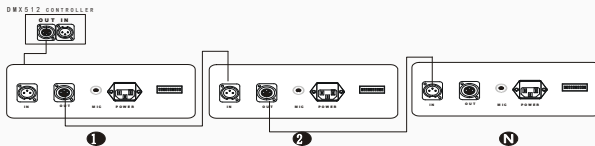
●Signal connection and address code dialing method:

Controller output signal DMX - 512 standard. Connection through the "input" and "output" 3

In view of the XLR finish. Output control signals to the lamps and lanterns must correspond to the lamps and lanterns on 3 needle XLR1 to 2 feet feet negative 3 feet is; Otherwise the switch 2 and 3 (general control switch don't have these two feet).

Line length should be within 100 m, prevent the signal wire is too long under the interference of other appliances.

This product USES three core XLR plugs (head), more than one connection method is as follows:



When the controller control signal input to the full color animation laser show, all full color animation laser performance will be

To set the address code first. So that the corresponding control signals. So, when using any of the controller, each lamps and lanterns must have its own address code. So, in the first set the address of lamps and lanterns is 1, the second stage

The address code of lamps and lanterns is set to 10 (first the address code of lamps and lanterns 1 plus 12 channels), the third stage

Lamps and lanterns is set in the position of the 25. So on (this setting still need according to the different way

Control table to decide, for now only according to the conventional).

Specific DMX - 512 address code signal control mode switch Settings below:

lights	DMX512 start address	Binary dial code (ON)
1	1	1
2	13	1, 3, 4
3	25	1, 4, 5
⋮	⋮	⋮

RGY, RGB, DMX - 512 channel function:

RGB, RG channels:

Channel	Channel value	DMX Control content
CH1	Laser lamp light	0~41 Laser lamp light does not demonstrate effect
	Effect of laser	42~83 Manual control (CH2-CH12 control)
		84~125 Self run built-in animation effects

	beam automatic operation performance pattern	126~167	Self run built-in geometric effect (CH2-CH12 channel control is invalid)
	Acoustic music trigger performance pattern beam effect	168~209	Voice trigger operation built-in geometric line beam effect (CH2-CH12 channel control is invalid)
		210~251	Voice trigger operation built-in animation effects (CH2-CH12 channel control is invalid)
		252~255	The built-in voice trigger operation pattern effect, manual control (can choose CH2-CH12 channel control pattern effect)
CH2	The pattern selection	0~255	The built-in pattern selection
CH3	Rotation pattern	0~127	The rotation angle selection
		128~191	Reverse rotation speed selection
		192~255	The positive phase rotation speed selection
CH4	Pattern Flip Horizontal	0~127	Flip horizontal position selection
		128~255	Flip horizontal speed selection
CH5	Pattern flip vertical	0~127	Flip vertical position selection
		128~255	Flip vertical velocity selection
CH6	Pattern of	0~127	Horizontal mobile location selection

	horizontal movement	128~255	The horizontal moving speed selection
CH7	The vertical movement pattern	0~127	Vertical mobile location selection
		128~255	Vertical movement velocity
CH8	Pattern size	0~63	Size of the pattern choice
	Pattern of China "	64~127	Choose from high to low speed
		128~191	From small to large speed selection
		192~255	Zoom speed
CH9	Pattern gradually drawing	0~255	Gradually drawing speed selection
CH10	Scanning speed	0~127	Scan speed
	Point effect	128~255	The pattern is selected
CH11	Color mode	0~24	Fixed color
		25~199	Color selection
		200~224	Color change effect
		225~255	Water color change effect
CH12	Color velocity	0~255	From slow to fast adjusting color changing speed (used in conjunction with the CH11 channel)

Low address code function mode:

RGB laser show device USES a switch type address code, it is used to control the laser effect

Fruit performance aspects, 1-9 is dial the code switch, DMX - 512 signal 0 is DMX - 512

Signal control and voice control switch. :

Model		Binary dial code (ON)
1	Single acoustic mode	10 to ON
2	Single machine since the pattern	A, 9, 10 to ON (all). B, 1, 9, 10 to ON (3 d geometry design effect)
3	Acoustic master-slave mode	A, 10 to ON the host, B, 1-10 are OFF from the machine
4	Since the master-slave mode	A, 9, 10 to ON host. B, 1-10 are OFF from the machine
5	DMX-512	10 to OFF