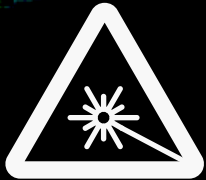


06 IP65 LASER LIGHT PRODUCT MANUAL



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Thank you very much for purchasing the full-color animated series laser performer. For your personal safety and better use of this product, please read this manual carefully before use and strictly abide by the warnings and operating instructions stated in this manual to avoid misunderstandings. It may cause personal safety and damage to the lamp .

Technical Specifications

Please check whether the following items are present when you open the packaging box of the laser presenter:

- A set of full- color animated laser show (with power cord)
-One instruction manual

Instructions for use:

After opening the packaging box, carefully check whether the laser performer is damaged due to transportation, such as whether the screws are loose, whether the reflective lens is broken, etc. If there is any damage caused by transportation, please do not use this lamp and contact the dealer or manufacturer as soon as possible.

Lamps cannot be installed while powered. After checking that everything is normal, choose a suitable location, hang the lamps and adjust the angle. After installation, you must repeatedly check that the installation lines and wiring methods are correct before powering on. And the entire circuit needs to be equipped with protection devices.

This equipment is a Class 1 protective equipment, so the yellow-green wire must be grounded, and this must be done by professionals. Before use, check whether the power supply voltage is normal. If you are in an area with large power supply voltage fluctuations, it is recommended to use a 110V/230V regulated voltage or voltage regulator for power supply. After powering on, the computer board will perform a 20-second self-test. After the self-test is completed, it can be used.





Safety warning :

1. Live operation can easily cause electric shock accidents, and sparks will be generated during connection, which will damage the lamp's fuse circuit and light source, causing the lamp to not work properly. Therefore , please make sure the power supply is cut off before performing any installation or maintenance work.
2. Please do not install the lamp directly on the surface of ordinary combustible materials.
3. The lamp should be installed in a well-ventilated place, and the distance from the wall should be kept more than 10 cm. Please also check whether the fan hole is unobstructed.
4. Do not project the lamp directly on combustible objects. Please keep the distance between the lamp and the illuminated object at least 12 meters.



Technical parameters:

1. Power supply: AC110V/220V, 50-60Hz±10%
2. Rated power: <300W
3. Laser type : all-solid-state semiconductor laser
4. Laser wavelength: R:638nm,, G:520nm, B:450nm
5. Laser modulation signal: analog modulation
6. Laser color: full color
7. Laser pattern: hundreds of built-in patterns and animations
8. Scanning system: 30KPPS high-speed galvanometer
9. Control channels: 22 and 44 DMX-512 signal channels
10. Control method: ILDA (RJ45 connector) control, DMX-512 signal control, Self-propelled mode, master-slave mode
11. Cooling system: forced cooling by the whole machine fan
12. Working environment: indoor and outdoor , use waterproof joints outdoors
13. Protection level: IP66
14. Product size: 335*340*170mm (including handle)
15. Product net weight: 8.05kg

l Menu display : (the buttons are waterproof touch buttons)



← **Menu / enter**

← **Up/down**

1. Select Menu/menu selection.

Select the required function menu by pressing the MODE/ENTER key and the up and down selection keys. The black shaded bar is in the selected state. Confirm/return to the selected function by pressing the MODE/ENTER key.





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I LCD Chinese/English menu functions are as follows:

A menu	Secondary menu	Third level menu
1、 FunctionMode functional mode	1. DMX-512 Mode/DMX-512 mode 2. AutoMode/self-propelled mode 3. MusicMode/voice control mode 4. ILDAMode/ILDA mode	
2、 Show Listing Programme list	Choose List /choose list AllTheList /All List 001	
3、 PlayShow play program	Choose Show/Select Show AllTheShow/All Shows 001	
4、 PlaySetup Playback settings	PlaySetup/playback settings 1. PlaySpeed /Playback speed /Voice control sensitivity 2. PlayMode/play mode 3. PlayList playlist	Self-propelled mode to adjust the playback speed; In voice control mode, this is the voice control sensitivity adjustment. 50%
		2. LoopPlay / loop playback RandomPlay /random play
		3. PlayList playlist 1 ON/OFF ... PlayList playlist 6 ON/OFF (The list that selects ON will only be played when all lists are played)
5、 AddressSetup Address code settings	AddressSetup/ address code 001	(You can switch the input of 001 three-digit number by pressing the button down)
6、 ChannelSetup Channel settings	Normal Mode Normal mode (22CH) Expert Mode (44CH)	
7.LaserSetup Laser light settings	LaserSetup laser light settings 1. Scanner scanning speed 25KPPS 2. Color color setting RGB 3. Laser laser Analog 4. Invert reverse phase setting Normal 5. Image Size size setting XY 6. Position position setting XY	15-40KPPS adjustable (Note: This speed cannot be adjusted at will. Increasing the speed of a low-speed galvanometer will burn the galvanometer !!!) Be sure to understand the specifications of the galvanometer of this lamp before making adjustments.
		Single/monochrome RGY RBP GBC RGB (this is selected by default for full color) WYPC
		1、 TTL /TTL modulation 2、 Analog/analog modulation (press this mode to confirm and enter): R brightness 0-255 G brightness 0-255 B brightness 0-255
		Normal /NormalXY invert _ invert Y /reverse Y invert XY/reverse XY
		Size Size Y/size Y
		position _ position Y/position Y



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8. GeneralSet up General settings	GeneralSetup/General Settings 1. Reset Default/ restore default 2. SafetyProtected/ safety protection and closed light 3. Master Setup /Host Settings 4. Back Light /Backlight settings 5. Language /Language settings 6. Display Setup/ display settings 7. About System/About the system	1. Reset Default/restore default Yes/Yes No/No
		2. SafetyProtected/safety protection and closed light Turn ON/open (If you select ON, the light will be turned off when the graphics is adjusted to a very small size or a single point pattern is printed, or the galvanometer head fails) Turn OFF/close
		3. Master Setup/Host Settings Turn ON/open Turn OFF/close
		4. Back Light/Backlight settings Normally ON/always on Delay 15S OFF/Delay 15 seconds to turn off the light
		5. Language/language settings Chinese/中文 English/English
		6. Display Setup/display settings Rotate 180deg/rotate 180 degrees NormalDisplay/Normal
		7. LaserSystem2.9/Laser System 2.9 Software/software version Version 1.0/Ver1.0 YM:2020030601

I DMX-512 channel description:

1. STD/normal mode : 22CH

Channel	Function	Value	Description	Notes
CH1	Switch Light	0	Turn off the lights	
		1-255	Turn on the light; analog modulation brightness from 1% to 100%	
CH2	Pattern Size	0-255	Pattern size selection, from largest to smallest; displacement occurs after reduction	
CH3	Pattern Library / Effect Library Selection	0-7	Built-in fixed geometric patterns, static patterns	
		8-15	Pattern Library 1: line animation	
		16-23	Pattern Library 2: animal animation	
		24-31	Pattern Library 3: character, car and other animations	
		32-39	Pattern Library 4: static patterns and text	



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CH3	Pattern Library / Effect Library Selection	40–127	Pattern Library 5: static geometric patterns	
		128–135	Effect Library 1: dynamic geometric effect; corresponds to Auto Mode Playlist 1	When CH3 is set between 128–255, CH9 and CH11–CH19 are invalid.
		136–143	Effect Library 2: dynamic space-time tunnel effect; corresponds to Auto Mode Playlist 2	
		144–151	Effect Library 3: dynamic wave effect; corresponds to Auto Mode Playlist 3	
		152–159	Effect Library 4: dynamic animation continuous playback effect; corresponds to Auto Mode Playlist 4	
		160–255	Effect Library 5: dynamic landmark effect; corresponds to Auto Mode Playlist 5	
CH4	Pattern File	0–255	Select a pattern or effect from the CH3 pattern library or effect library; one option for every 2 values	When CH3 is 128–255, CH4 value 0–1 automatically loops the whole effect library; 2–255 selects one effect for every 2 values.
CH5	Animation / Effect Speed & Mode	0–26	Default animation and effect speed	
		27–127	Dynamic speed selection for animations and effects, from slow to fast	
		128–255	Enter sound control mode; sound sensitivity increases from low to high	
CH6	Color Selection	0–3	Original pattern color	
		4–51	Select the color of the whole image; one color for every 4 values	
		52–75	Two-color selection for the whole image; one option for every 4 values	Includes 6 color combinations such as white + red, white + blue, etc.
		76–99	Three-color selection for the whole image; one option for every 4 values	Includes 6 color combinations such as white + cyan + pink, green + yellow + white, etc.



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CH6	Color Selection	100-115	The whole image is divided into 4 sections for color selection; one option for every 4 values	Includes 4 color combinations.
		116-139	The whole image is divided into 8 sections for color selection; one option for every 4 values	Includes 6 color combinations.
		140-191	The whole image is divided into 18 sections for color selection; one option for every 4 values	Includes 13 color combinations such as white + red, cyan + blue, colorful, etc.
		192-215	The whole image is divided into 56 sections for color selection; one option for every 4 values	Includes 6 color combinations such as white + red + green + blue.
		216-239	18-section color separation + black selection; one option for every 4 values	After black is added, part of the graphic will be hidden to create gaps.
		240-243	Color writing mode 1: seven colors are written from the starting point to the ending point	Writing speed is controlled by CH7.
		244-247	Color writing mode 2: seven colors are written from the starting point toward both ends	
		248-252	Color writing mode 3: seven colors are written outward in 2 sections from the starting point	
		253-255	Color writing mode 4: seven colors are written outward in 3 sections from the starting point	
CH7	Color Flow / Writing Control	0	Color does not flow	
		1-127	Color running/writing counterclockwise, from slow to fast	
		128-255	Color running/writing clockwise, from slow to fast	
CH8	Strobe	0	No strobe	
		1-255	Strobe speed selection, from slow to fast	



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CH9	Zoom	1-127	Select the overall center size of the graphic, from large to small	
		128-159	Select maximum reduction speed, from slow to fast	
		160-191	Select small magnification speed, from slow to fast	
		192-223	Select the speed of shrinking from maximum to minimum and then enlarging again, from slow to fast	
		224-255	The graphic can zoom from maximum size to 10% and then enlarge again; speed from slow to fast	
CH10	Galvanometer Scanning Speed	0-127	Line scan speed selection, from fast to slow	The slower the scan speed, the better the graphic quality, but flicker may increase.
		128-255	Point scan speed selection, from fast to slow	
CH11	Gradient Painting	0-127	Gradient painting mode 1, speed from slow to fast	
		128-255	Gradient painting mode 2, speed from slow to fast	
CH12	Horizontal Position	0-255	Horizontal position selection; value 128 is the center position	The part of the graphic beyond the boundary will be hidden and not displayed.
CH13	Vertical Position	0-255	Vertical position selection; value 128 is the center position	
CH14	Rotate Z	1-127	Z-axis rotation angle selection	
		128-191	Z-axis clockwise rotation speed selection, from slow to fast	
		192-255	Z-axis counterclockwise rotation speed selection, from slow to fast	
CH15	Rotate X	1-127	X-axis rotation angle selection	
		128-191	X-axis forward rotation speed selection, from slow to fast	
		192-255	X-axis reverse rotation speed selection, from slow to fast	



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CH16	Rotate Y	1-127	Y-axis rotation angle selection	
CH16	Rotate Y	128-191	Y-axis forward rotation speed selection, from slow to fast	
CH16	Rotate Y	192-255	Y-axis reverse rotation speed selection, from slow to fast	
CH17	Horizontal Movement	1-127	Horizontal movement position selection	
		128-159	Horizontal out-of-bound movement mode, from right to left; speed from slow to fast	
		160-223	Horizontal out-of-bound movement mode, from left to right; speed from slow to fast	
		224-255	Move horizontally to the boundary and return; speed from slow to fast	
CH18	Vertical Movement	1-127	Vertical movement position selection	
		128-159	Vertical out-of-bound movement mode, from top to bottom; speed from slow to fast	
		160-223	Vertical out-of-bound movement mode, from bottom to top; speed from slow to fast	
		224-255	Move vertically to the boundary and return; speed from slow to fast	
CH19	X / Y Wave	1-127	X-direction wave effect speed selection, from slow to fast	
		128-255	Y-direction wave effect speed selection, from slow to fast	
CH20	Red Brightness	0-255	Red brightness adjustment; 0 is the brightest, from bright to dark	In TTL modulation mode, values 0-254 are on, and 255 is off.
CH21	Green Brightness	0-255	Green brightness adjustment; 0 is the brightest, from bright to dark	
CH22	Blue Brightness	0-255	Blue brightness adjustment; 0 is the brightest, from bright to dark	

PRO/professional mode (dual picture mode) : 44CH

Channel	Channel Value	Control Content	Additional Information
CH1	Pattern 1 switch light	0	Turn off the lights
		1-255	Turn on the light. Analog modulation state, brightness from 1% to 100%.
CH2	Pattern 1 size	0-255	Pattern size selection, from largest to smallest, with displacement after reduction.
CH3	Pattern library and effect library selection	0-7	Motherboard fixed built-in geometric pattern, static pattern.
		8-15	Pattern library 1, line animation.
		16-23	Pattern library 2, animal animation.
		24-31	Pattern library 3, animations of characters, cars, etc.
		32-39	Pattern library 4, static patterns and text.
		40-127	Pattern library 5, static geometric patterns.
		128-135	Effect library 1, dynamic geometric effect. Corresponds to playlist 1 of self-propelled mode.
		136-143	Effect library 2, dynamic space-time tunnel effect. Corresponds to playlist 2 of self-propelled mode.
		144-151	Effect library 3, dynamic wave effect. Corresponds to playlist 3 of self-propelled mode.
		152-159	Effect library 4, dynamic animation continuous playback effect. Corresponds to playlist 4 of self-propelled mode.
160-255	Effect library 5, dynamic landmark effect. Corresponds to playlist 5 of self-propelled mode.		
CH4	Pattern 1 pattern file	0-255	Select a pattern or effect from the CH3 pattern library and effects library. Choose 1 for every 2 values.
CH5	Speed/mode selection for Pattern 1 animations and effects	0-26	Default animation and effect speed.
		27-127	Select the dynamic speed of animations and effects, from slow to fast.
		128-255	Enter voice control mode, and the sensitivity of voice control increases from low to high.



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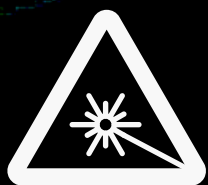
CH6	Pattern 1 selection of color	0-3	Original color of pattern.
		4-51	Select the color of the entire image, choose 1 for every 4 values.
		52-75	Two-color selection for the whole picture, one for every 4 values.
		76-99	Three-color selection for the whole picture, one for every 4 values.
		100-115	The whole picture is divided into 4 sections for color selection, with 1 color selected for every 4 values.
		116-139	The whole picture is divided into 8 segments for color selection, with 1 color selected for every 4 values.
		140-191	The whole picture is divided into 18 segments for color selection, with 1 color selected for every 4 values.
		192-215	The whole picture is divided into 56 segments for color selection, with 1 color selected for every 4 values.
		216-239	The whole picture is divided into 18 segments of color separation + black selection. Choose 1 for every 4 values.
		240-243	Color writing mode 1, seven colors are written from the starting point to the ending point.
		244-247	Color writing mode 2, seven colors are written from the starting point to both ends.
		248-252	Color writing mode 3, seven colors are written in 2 segments from the starting point outwards.
		253-255	Color writing mode 4, seven colors are written in 3 segments from the starting point outwards.
		CH7	Pattern 1 color flow and writing control
1-127	Color running/writing in counterclockwise direction, speed from slow to fast.		
128-255	Colors run/write clockwise, from slow to fast.		
CH8	Pattern 1 strobe	0	No flicker.
		1-255	Strobe speed selection, from slow to fast.
CH9	Pattern 1 zoom	1-127	Select the overall center size of the graphic, from large to small.
		128-159	Graphics are selected by maximum reduction speed, from slow to fast.
		160-191	Graphics are selected by small magnification speed, from slow to fast.
		192-223	Select the speed of shrinking the graphics from maximum to minimum and then enlarging again, from slow to fast.
		224-255	The graphics can be zoomed from the maximum to 10% and then enlarged at a speed selected from slow to fast.



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CH10	Pattern 1 galvanometer scanning speed selection	0-127	Line scan speed selection, from fast to slow.
		128-255	Click to select scan speed, from fast to slow.
CH11	Pattern 1 gradient painting	0-127	Gradient painting mode 1, speed from slow to fast.
		128-255	Gradient painting mode 2, speed from slow to fast.
CH12	Pattern 1 horizontal position	0-255	Horizontal position selection, the value 128 is the middle position.
CH13	Pattern 1 vertical position	0-255	Vertical position selection, the value 128 is the middle position.
CH14	Pattern 1 Rotate Z	1-127	Rotation Z-axis angle selection.
		128-191	Z-axis clockwise rotation speed selection, from slow to fast.
		192-255	Z-axis counterclockwise rotation speed selection, from slow to fast.
CH15	Pattern 1 Rotate X	1-127	Rotation X-axis angle selection.
		128-191	X-axis forward rotation speed selection, from slow to fast.
		192-255	X-axis reverse rotation speed selection, from slow to fast.
CH16	Pattern 1 rotate Y	1-127	Rotation Y-axis angle selection.
		128-191	Y-axis forward rotation speed selection, from slow to fast.
		192-255	Y-axis reverse rotation speed selection, from slow to fast.
CH17	Pattern 1 moves horizontally	1-127	Horizontal movement position selection.
		128-159	Horizontal movement out-of-bounds mode, speed selection from right to left, slow to fast.
		160-223	Horizontal movement out-of-bounds mode, speed selection from left to right, slow to fast.
		224-255	Move horizontally to the boundary and return mode speed selection, from slow to fast.
CH18	Pattern 1 moves vertically	1-127	Vertical shift position selection.
		128-159	Vertical movement out-of-bounds mode, speed selection from top to bottom, from slow to fast.
		160-223	Vertical movement out-of-bounds mode, speed selection from bottom to top, from slow to fast.
		224-255	Move vertically to the boundary and return mode speed selection, from slow to fast.



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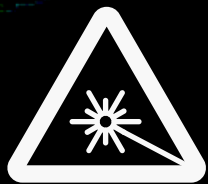
CH19	Pattern 1 X Wave	1-127	X-direction wave special effect speed selection, from slow to fast.
		128-255	Y-direction wave special effect speed selection, from slow to fast.
CH20	Pattern 1 R brightness	0-255	Red brightness adjustment, 0 is the brightest, from bright to dark.
CH21	Pattern 1 G brightness	0-255	Green brightness adjustment, 0 is the brightest, from bright to dark.
CH22	Pattern 1 B brightness	0-255	Blue brightness adjustment, 0 is the brightest, from bright to dark.
CH23	Pattern 2 switch light	0	Turn off the lights.
		1-255	Turn on the light. Analog modulation state, brightness from 1% to 100%.
CH24	Pattern 2 size	0-255	Pattern size selection, from largest to smallest, with displacement after reduction.
CH25	Pattern 2 pattern library	0-255	Select the motherboard's fixed built-in geometric patterns, static patterns, and the contents of the pattern library.
CH26	Pattern 2 pattern file	0-255	Select a pattern from the CH3 pattern library. Choose 1 for every 2 values.
CH27	Speed/mode selection for Pattern 2 animations and effects	0-26	Default animation and effect speed.
		27-127	Select the dynamic speed of animations and effects, from slow to fast.
		128-255	Enter voice control mode, and the sensitivity of voice control increases from low to high.
CH28	Pattern 2 selection of color	0-3	Original color of pattern.
		4-51	Select the color of the entire image, choose 1 for every 4 values.
		52-75	Two-color selection for the whole picture, one for every 4 values.
		76-99	Three-color selection for the whole picture, one for every 4 values.
		100-115	The whole image is divided into 4 sections for color selection, with 1 color selected for every 4 values.
		116-139	The whole picture is divided into 8 segments for color selection, with 1 color selected for every 4 values.
		140-191	The whole picture is divided into 18 segments for color selection, with 1 color selected for every 4 values.



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CH28	Pattern 2 selection of color	192-215	The whole picture is divided into 56 segments for color selection, with 1 color selected for every 4 values.
		216-239	The whole picture is divided into 18 segments of color separation + black selection. Choose 1 for every 4 values.
		240-243	Color writing mode 1, seven colors are written from the starting point to the ending point.
		244-247	Color writing mode 2, seven colors are written from the starting point to both ends.
		248-252	Color writing mode 3, seven colors are written in 2 segments from the starting point outwards.
		253-255	Color writing mode 4, seven colors are written in 3 segments from the starting point outwards.
CH29	Pattern 2 color flow and writing control	0	Color does not flow.
		1-127	Color running/writing in counterclockwise direction, speed from slow to fast.
		128-255	Colors run/write clockwise, from slow to fast.
CH30	Pattern 2 strobe	0	No flicker.
		1-255	Strobe speed selection, from slow to fast.
CH31	Pattern 2 zoom	1-127	Select the overall center size of the graphic, from large to small.
		128-159	Graphics are selected by maximum reduction speed, from slow to fast.
		160-191	Graphics are selected by small magnification speed, from slow to fast.
		192-223	Select the speed of shrinking the graphics from maximum to minimum and then enlarging again, from slow to fast.
		224-255	The graphics can be zoomed from the maximum to 10% and then enlarged at a speed selected from slow to fast.
CH32	Pattern 2 galvanometer scanning speed selection	0-127	Line scan speed selection, from fast to slow.
		128-255	Click to select scan speed, from fast to slow.
CH33	Pattern 2 gradient painting	0-127	Gradient painting mode 1, speed from slow to fast.
		128-255	Gradient painting mode 2, speed from slow to fast.
CH34	Pattern 2 horizontal position	0-255	Horizontal position selection, the value 128 is the middle position.
CH35	Pattern 2 vertical position	0-255	Vertical position selection, the value 128 is the middle position.
CH36	Pattern 2 Rotate Z	1-127	Rotation Z-axis angle selection.
		128-191	Z-axis clockwise rotation speed selection, from slow to fast.
		192-255	Z-axis counterclockwise rotation speed selection, from slow to fast.



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CH37	Pattern 2 Rotate X	1-127	Rotation X-axis angle selection.
		128-191	X-axis forward rotation speed selection, from slow to fast.
		192-255	X-axis reverse rotation speed selection, from slow to fast.
CH38	Pattern 2 rotate Y	1-127	Rotation Y-axis angle selection.
		128-191	Y-axis forward rotation speed selection, from slow to fast.
		192-255	Y-axis reverse rotation speed selection, from slow to fast.
CH39	Pattern 2 moves horizontally	1-127	Horizontal movement position selection.
		128-159	Horizontal movement out-of-bounds mode, speed selection from right to left, slow to fast.
		160-223	Horizontal movement out-of-bounds mode, speed selection from left to right, slow to fast.
		224-255	Move horizontally to the boundary and return mode speed selection, from slow to fast.
CH40	Pattern 2 moves vertically	1-127	Vertical shift position selection.
		128-159	Vertical movement out-of-bounds mode, speed selection from top to bottom, from slow to fast.
		160-223	Vertical movement out-of-bounds mode, speed selection from bottom to top, from slow to fast.
		224-255	Move vertically to the boundary and return mode speed selection, from slow to fast.
CH41	Pattern 2 X Waves	1-127	X-direction wave special effect speed selection, from slow to fast.
		128-255	Y-direction wave special effect speed selection, from slow to fast.
CH42	Pattern 2 R brightness	0-255	Red brightness adjustment, 0 is the brightest, from bright to dark.
CH43	Pattern 2 G brightness	0-255	Green brightness adjustment, 0 is the brightest, from bright to dark.
CH44	Pattern 2 B brightness	0-255	Blue brightness adjustment, 0 is the brightest, from bright to dark.



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Maintenance:

Try to prevent dust, dirt and smoke oil from being artificially laid or even flowing into the lamp body, and try to keep the laser performer as clean as possible in the use environment;

2. Please use professional glass cleaner and clean the reflective lens with velvet cloth regularly every month to ensure maximum brightness output of the laser and extend the service life of the light source. Be careful not to wipe the lens with wet cloth or other chemical solvents. The number of cleaning times depends on the lamp. The frequency of operation depends on the surrounding usage environment; it is recommended to clean it every 15 days.

Warranty period: This product is guaranteed for one year from the date of purchase.

Warranty regulations:

1. If a malfunction occurs during the warranty period due to use of this product under normal conditions, you can enjoy free repair services at the designated service center or the factory where the product occurred by presenting this warranty card and ticket purchase sample (copy) in accordance with the content of this warranty regulation.

2. During the warranty period, paid maintenance services will be implemented in the following situations.

(1) Unable to issue a valid warranty card;

(2) There are omissions, alterations and no sales name on the warranty card;

(3) Failure and damage caused by force majeure;

(4) Failure and damage caused during transportation and handling;

(5) Failure or damage caused by failure to follow the instructions for use;

(6) Failure or damage caused by disassembly, repair, or modification of the product without authorization from the manufacturer or by non-professionals.

(7) Faults caused by the use of control systems not approved by our factory or not supported by our factory.

(8) Consumables (light source)

3. Please keep this warranty card properly and will not replace it if lost.

Statement :

1、 When this product leaves the factory, its performance is intact and its packaging is complete. All users should strictly abide by the warnings and operating instructions stated above. Any damage caused by misuse is not covered by the company's warranty, and the manufacturer is not responsible for faults and problems caused by ignoring the operation manual.

2、 The right to interpret the relevant matters stated in this manual belongs to our company.

Note: The above blanks must be filled in and stamped truthfully by the end user and seller, otherwise the warranty will be void.