



miniSTAGE Lighting

- Homes, villas, hotels, bars, KTV, shopping center, resorts, multi-function hall...
- Birthday Party, friends gathering, personal enjoyment, gifts,
- atmosphere creation, advertising...

User's Manual

R G B W

<input type="checkbox"/> HSA001	LED MOVING HEAD SQUARE BEAM	<input type="checkbox"/> HSA052	LED FLOWER PATTERN
<input type="checkbox"/> HSA020	LED CRYSTAL BALL	<input type="checkbox"/> HSA080	LED ANGLE RANGE BEAM
<input type="checkbox"/> HSA021	LED DIAMOND BALL	<input type="checkbox"/> HSB001	RG STYLI SHPATTER LASER
<input type="checkbox"/> HSA030	LED COLORFUL MIMOSA	<input type="checkbox"/> HSB011	LASER FIREFLY
<input type="checkbox"/> HSA031	LED RGB MOSAIC ARRAY	<input type="checkbox"/> HSB020	RG LASER GRILLE
<input type="checkbox"/> HSA040	LED WATER RIPPLE	<input type="checkbox"/> HSB030	UNIVERSAL STAR

SECURITY INFORMATION

Thank you for using our products, the high quality products and perfect service will make you satisfied. For your safety and the better play of the lighting function, please read the User's Manual carefully before your operation.

In order to install, operate, maintain the lighting safely, it's recommended to install and operate the light by qualified professionals according to the guidance of this manual .

Warning: Disconnect the plug of power adapter when you do not use it.

NOTE

Packing content:

Please check if all the contents are completed after unpacking, then, check if the light is undamaged. Please you can keep the original package and return to the factory if it's damaged.

Check if the voltage is in accordance with the rated power.

All the safety should be taking into consideration before and during operation and installation:

1. Open the carton, take all the accessories from it, and open the Polystyrene packaging, take out the lighting and check whether it's damaged.
2. Only the professional person can repair and operate the lighting under the instruction of the manual.
3. This product for indoor use only. The protection rating is IP20. Please keep the light far away from the water or other liquid.
4. The light must keep dry and avoid to use under the moisture, overheat or dusty environment.
5. Make sure the normal and stable work environment temperature of this lighting not exceed 40°C , the lowest temperature not exceed -20°C .
6. Do not touch the light while it is working under steady heat dissipation working conditions.
7. There is not any replaceable spare parts inside the light, do not use the light when the housing cover is opened.

INTRODUCTION

S series product is one of the Mini stage series. It can be used both as hanging light and ceiling light by using the ceiling panel to replace the handling. There are 10 coding switches, cable socket of 1 output and 1 input, DC 12 v input socket behind the light. At present, S series have 16 kinds of product. All of them have features of easy to control and understanding, small and exquisite appearance, modern and practical, rich lighting and dynamic. Not only can a single use; you can use any combination according to your preferences. You can choose a single one to use, also can combine any of them according to your preference.

Application fields:

Homes, villas, hotels, bars, KTV, shopping center, resorts, multi-function hall...
Birthday Party, friends gathering, personal enjoyment, gifts,
atmosphere creation, advertising...

BASIC INFORMATION

Package:

Color box:Using B-type corrugated color printing, with high-strength plastic inside to fix the light.

Master box:K-type corrugated carton color printing, with 18pcs per carton.

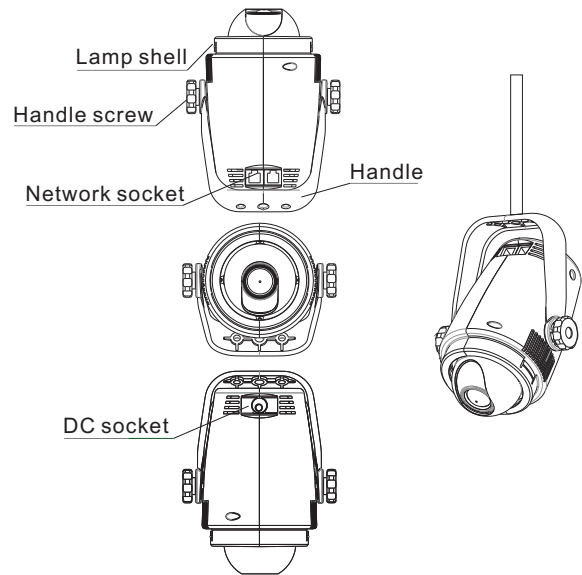
Packing Contents:

S light 1pc,
12V 2A adapter 1pc,
User's Manual 1pc

FEATURES

1. Small size, light weight, attractive appearance with modern stream line style which consistent with the public aesthetic ideas.
2. Low power consumption; Energy saving; High quality lighting source with excellent brightness (lighting source: laser/LED), durable.
3. With many different effects, Multiple forms of mechanical motion, move or stop, fast or slow.
4. Air isolation, great heat dissipation, reasonable construction design, low noise fan to assist air convection.
5. Durable, made of high quality ABS plastic, good abrasion resistance, chemical stability, electrical and mechanical strength.
6. Surface color and pattern can be customized. Can form rich color gorgeous appearance, and make it match with different external environment.
7. Unique assembly structure design, simple installation, can be installed by hanging or ceiling.
8. It can be used 5.0 DC socket, external connect the 12V power adapter, easy to use and safe.
9. The cable as the DMX signal transmission line, this light have cable socket of 1 output and 1 input, easy to realize signal mix.
10. Multiple styles and choice. Operation by unit or multiples matching various combination, with different control system such as DMX control, Tablet PC, and smart phone. It's possible to be a DIY lighting master.
11. A wide range of applications for different occasions.
12. Elegant package both as electronic consumption product and as a GIFT.

STRUCTURE INTRODUCTION



INSTALLATION INSTRUCTION

The installation of handling :



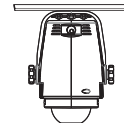
Hanging



Upright



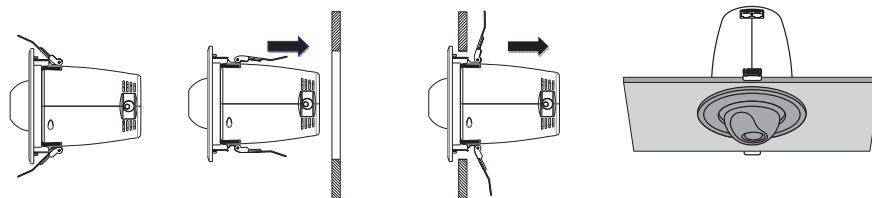
Side-hanging



Ceiling type

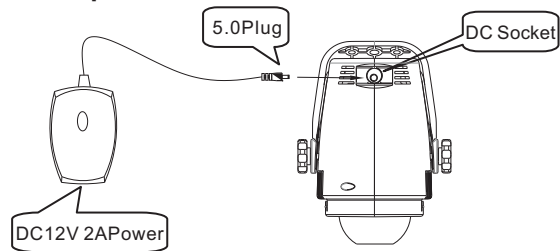
Ceiling installation :

Ceiling opening diameter
135mm



CONNECTION OF POWER SUPPLY AND CONTROL NETWORK CABLE

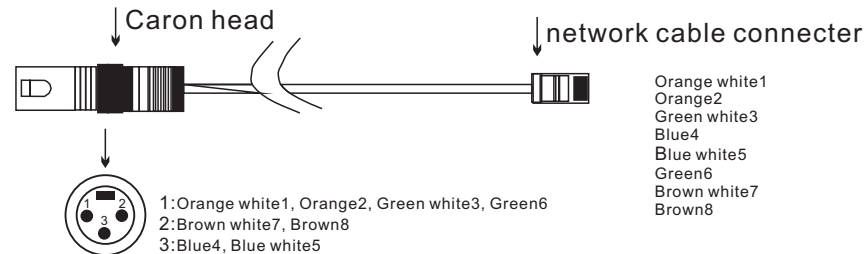
Connect to the adapter :



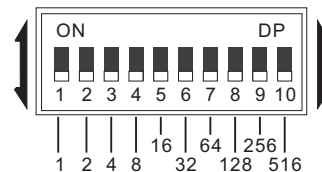
The usage of network cable, the change between network cable and Caron seat :

The light use network cable as a control method of DMX signal. The connect method of network connector is the same as other comment cable.


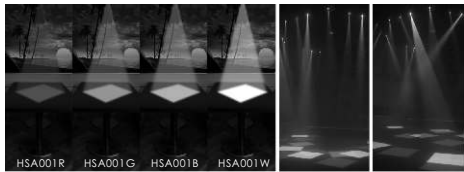

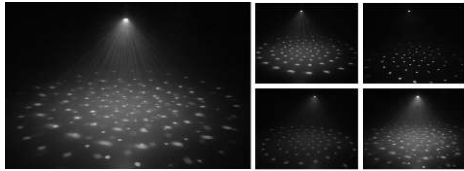

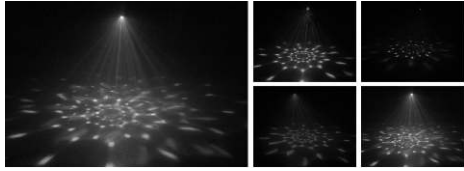
You can purchase the network convert box from us the transfer the network cable, Caron seat and Caron head, or you can also connect the Caron plug according to the below figure.




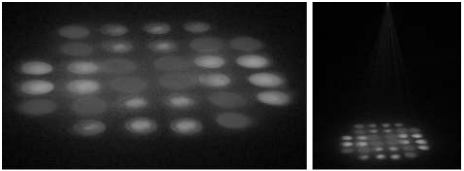

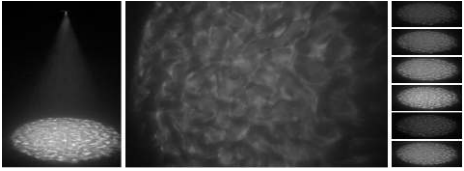


Settings of DMX address :


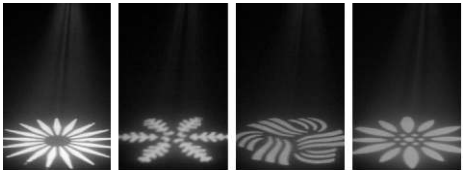

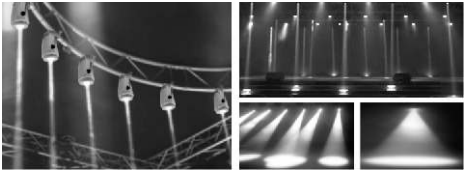

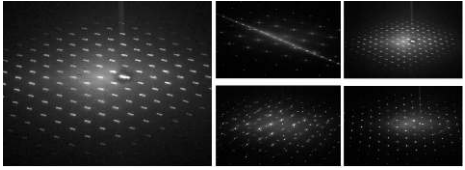



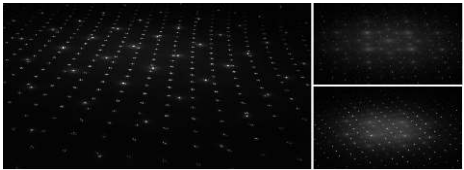

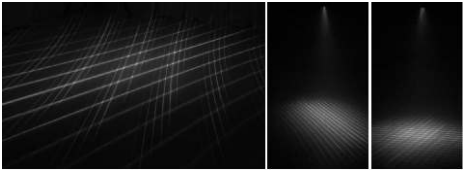

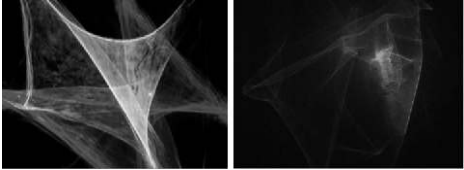
LIGHTING PARAMETERS AND EFFECTS DISPLAY 1

Model Name	Product picture	Effect picture	Light source	Voltage	Power
HSA001 R/G/B/W LED MOVING HEAD SQUARE BEAM			LED R 2W G 2W B 2W W 2W	Adapter: AC100- 240V 50/60Hz	13W Light:12W
HSA020 LED CRYSTAL BALL			RGB 3*3W	Adapter: AC100- 240V 50/60Hz	13W Light:12W
HSA021 LED DIAMOND BALL			RGB 3*3W	Adapter: AC100- 240V 50/60Hz	13W Light:12W

Model Name	Product picture	Effect picture	Light source	Voltage	Power
HSA030 LED COLORFUL MIMOSA			∅5 RGBW each 2pcs	Adapter: AC100- 240V 50/60Hz	6W Light:12W
HSA031 LED RGB MOSAIC ARRAY			∅5 R12 G10 B10	Adapter: AC100- 240V 50/60Hz	6W Light:12W
HSA040 LED WATER RIPPLE			RGB 3*3W 3in1	Adapter: AC100- 240V 50/60Hz	13W Light:12W

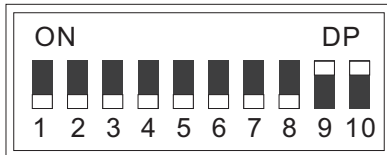
LIGHTING PARAMETERS AND EFFECTS DISPLAY 2

Model Name	Product picture	Effect picture	Light source	Voltage	Power
HSA052 LED FLOWER PATTERN			8W Lumi Engin -SC3	Adapter: AC100- 240V 50/60Hz Light:12V	13.5 W
HSA080 LED ANGLE RANGE BEAM			8W Lumi Engin -SC3	Adapter: AC100- 240V 50/60Hz Light:12V	12W
HSB001 RG STYLI SHPATTER LASER			Green laser 30mW Red laser 80mW	Adapter: AC100- 240V 50/60Hz Light:12V	6W

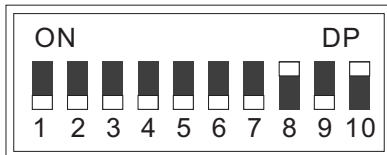
Model Name	Product picture	Effect picture	Light source	Voltage	Power
HSB011 LASER FIREFLY			Green laser 30mW Red laser 80mW	Adapter: AC100- 240V 50/60Hz Light:12V	6W
HSB020 RG LASER GRILLE			Green laser 30mW Red laser 80mW	Adapter: AC100- 240V 50/60Hz Light:12V	6W
HSB030 UNIVERSAL STAR			Green laser 30mW Red laser 80mW	Adapter: AC100- 240V 50/60Hz Light:12V	6W

DESCRIPTION OF LIGHTING FUNCTION

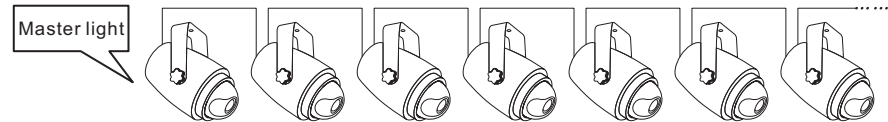
Address code's setting of AUTO mode :



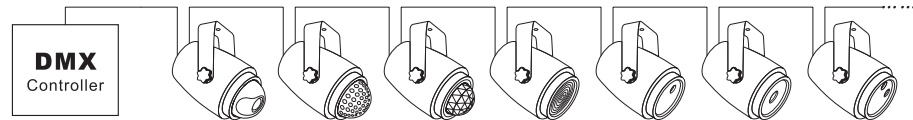
Address code's setting of Sound Activated mode :



Master/slave mode—Connection indication of by using network cable and DMX signal cable.(Note:the address code is the same) :



Connection indication of DMX512 control mode :



DMX CHANNEL VALUE TABLE 1

Model and Name	Channel	function	Value	Description
HSA001 R / G / B / W LED MOVING HEAD SQUARE BEAM	CH1	Strobe	0—7	Off
			8—220	Strobe(slow—fast)
			221—255	On
	CH2	Dimmer	0—255	From dark to bright
	CH3	X axis	0—255	0—360°
	CH4	Y axis	0—255	0—45°
	CH5	Motor speed	0—255	Motor speed adjustment
	CH6	Auto/ Sound Activation	0—30	It doesn't work
			31—180	Auto
			181—255	Sound Activation
8—255			Strobe (slow—fast)	
HSA020 LED CRYSTAL BALL	CH1	Strobe	0—7	off
			8—255	Strobe (slow—fast)
	CH2	Color	0—22	Off
			23—45	Red
			46—68	Green
			69—91	Blue
			92—114	Red+ Green
			115—137	Green+ Blue
			138—160	Red+ Blue
			161—183	Red+ Green+ Blue
			184—206	Effect I
			207—229	Effect II

Model and Name	Channel	function	Value	Description
	CH3	Speed	230—255	Effect III
			0—255	Effect speed adjustment
	CH4	Motor	0—79	Place
			80—159	Jitter
			160—207	Forward
			208—255	Reversal
	CH5	Auto / Sound Activation	0—30	It doesn't work
			31—180	Auto
			181—255	Sound Activation
	HSA021 LED DIAMOND BALL	CH1	Strobe	0—7
8—255				Strobe (slow—fast)
CH2		Color	0—22	Off
			23—45	Red
			46—68	Green
			69—91	Blue
			92—114	Red+ Green
			115—137	Green+ Blue
			138—160	Red+ Blue
			161—183	Red+ Green+ Blue
			184—206	Effect I
			207—229	Effect II
			230—255	Effect III
			CH3	Speed

DMX CHANNEL VALUE TABLE 2

Model and Name	Channel	function	Value	Description	
	CH4	Motor	0—79	Place	
			80—159	Jitter	
			160—207	Forward	
			208—255	Reversal	
	CH5	Auto / Sound Activation	0—30	It doesn't work	
			31—180	Auto	
			181—255	Sound Activation	
	HSA030 LED COLORFUL MIMOSA	CH1	Strobe	0—7	Off
				8—255	Strobe (slow—fast)
		CH2	Color	0—60	Off
61—90				Red	
91—120				Green	
121—150				Blue	
151—180				White	
181—210				Effect I	
211—240				Effect II	
241—255				Full bright	
CH3	Motor	0—79	Place		
		80—159	Jitte		
		160—207	Forward		
		208—255	Reversal		
		0—30	It doesn't work		

Model and Name	Channel	function	Value	Description		
HSA031 LED RGB MOSAIC	CH4	Auto / Sound Activation	31—180	Auto		
			181—255	Sound Activation		
	CH1	Strobe	0—7	Off		
			8—255	Strobe (slow—fast)		
			CH2	Macro Function	0—15	Off
					16—35	RGB
					36—55	R
					56—75	G
					76—95	B
					96—115	Effect1
					116—135	Effect2
					136—155	Effect3
					156—175	Effect4
					176—195	Effect5
	196—215	Effect6				
	216—235	Effect7				
	236—255	Effect8				
	CH3	Effect speed	0—255	Slow—Fast		
CH4	Auto / Sound Activation	0—30	It doesn't work			
		31—180	Auto			
		181—255	Sound Activation			
			0—7	Off		

DMX CHANNEL VALUE TABLE 3

Model and Name	Channel	function	Value	Description
HSA040 LED WATER RIPPLE	CH1	Strobe	8—255	Strobe (slow—fast)
	CH2	Color	0—22	Off
			23—45	Red
			46—68	Green
			69—91	Blue
			92—114	Red+ Green
			115—137	Green +Blue
			138—160	Red+ Blue
			161—183	Red+ Green + Blue
			184—206	Effect I
			207—229	Effect II
			230—255	Effect III
			CH3	WATER RIPPLE Mirro
	160—207	Rorward		
	208—255	Reversal		
	CH4	Auto / Sound Activation	0—30	It doesn't work
			31—180	Auto
			181—255	Sound Activation
	CH1	Strobe	0—7	Off
			8—255	Strobe (slow—fast)
0—79			Place	
80—159			Jitter	

Model and Name	Channel	function	Value	Description
HSA052 LED FLOWER PATTERN	CH2	Gobo Wheel	160—207	Forward
			208—255	Reversal
	CH3	Color Plate	0—159	Color Selection
			160—215	Forward
	CH4	Auto / Sound Activation	216—255	Reversal
			0—30	It doesn't work
31—180			Auto	
HSA080 LEDANGLE RANGE BEAM	CH1	Strobe	181—255	Sound Activation
			0—7	Off
	CH2	Motor	8—255	Strobe (slow—fast)
			0—255	Place
	CH3	Motor speed	0—255	Fast—Slow
			0—30	It doesn't work
	CH4	Auto / Sound Activation	31—180	Auto
			181—255	Sound Activation
			0—7	Off
	HSB001 RG STYLI SHPATTER LASER	CH1	Motor	8—255
0—30				Off
CH2		Laser Color	31—140	Jumping Change
			141—180	Red
			181—220	Green
			221—255	Red+ Green

DMX CHANNEL VALUE TABLE 4

Model and Name	Channel	function	Value	Description
HSB011 LASER FIREFLY	CH3	Motor Mode	0—89	10 designs
			90—169	Jitter
			170—255	Turn Around
	CH4	Auto / Sound Activation	0—30	It doesn't work
			31—180	Auto
			181—255	Sound Activation
	CH1	Strobe	0—7	Off
			8—255	Strobe (slow—fast)
	CH2	Laser Color	0—31	Off
			32—63	Jumping Change
			64—127	Red
			128—191	Green
192—255			Red +Green	
CH3	Motor Mode	0—79	Place	
		80—159	Jitter	
		160—207	Forward	
		208—255	Reversal	
CH4	Auto / Sound Activation	0—30	It doesn't work	
		31—180	Auto	
		181—255	Sound Activation	
CH1	Strobe	0—7	Off	
		8—255	Strobe (slow—fast)	

Model and Name	Channel	function	Value	Description
HSB020 RG LASER GRILLE	CH2	Laser Color	0—31	Off
			32—63	Jumping Change
			64—127	Red
			128—191	Green
			192—255	Red + Green
	CH3	Motor Mode	0—79	Place
			80—159	Jitter
			160—207	Forward
			208—255	Reversal
	CH4	Auto / Sound Activation	0—30	It doesn't work
			31—180	Auto
			181—255	Sound Activation
HSB030 UNIVERSAL STAR	CH1	Strobe	0—7	Off
			8—255	Strobe (slow—fast)
	CH2	Laser Color	0—31/32—63	Off/Jumping Change
			64—127/128—191	Red/Green
			192—255	Red + Green
	CH3	Motor Mode	0—79/80—159	Place/Jitter
			160—207/208—255	Forward/Reversal
	CH4	Auto / Sound Activation	0—30	It doesn't work
31—180			Auto	
181—255			Sound Activation	

MAINTENANCE AND REPAIR FOR THE PRODUCT

Clearing and maintenance:

Please disconnect the power before disassemble and maintain the light. It's important to keep the light clean which can maintain the maximum brightness output and prolong its working life. It's recommended to clean the light with lint-free cloth and high-quality glass cleaner. Do not clean with alcohol or chemical solvents

When the light doesn't work, please contact professional person to repair it. Do not disassemble it by yourself.

