SILVER STAR

YX-318
STAR-MOON LIGHT

USER MANUAL

Please read over this manual before operation the light   C E

Open The Box For Checking

Once received this products please open the box to check whether the parts of the light has been damaged or not during transportation. If there's some parts have been damaged, please inform the shipping company in advance and keep the damaged packing box as a proof for shipping company to confirm. And please check the following thing was enclosed:

1 User Manual

Installation

1. Please check the voltage whether is the same with the one showed on the light set or not.
2. When install must ask for the technical person to set the light safety, and let the light beam at the suitable angle.
3. When install this equipments please make sure there's no flammable surfaces (decorated things, etc) within at least 1.5M and maintain minimum distance of 0.5M from light to walls.
4. Products should be install immobility.
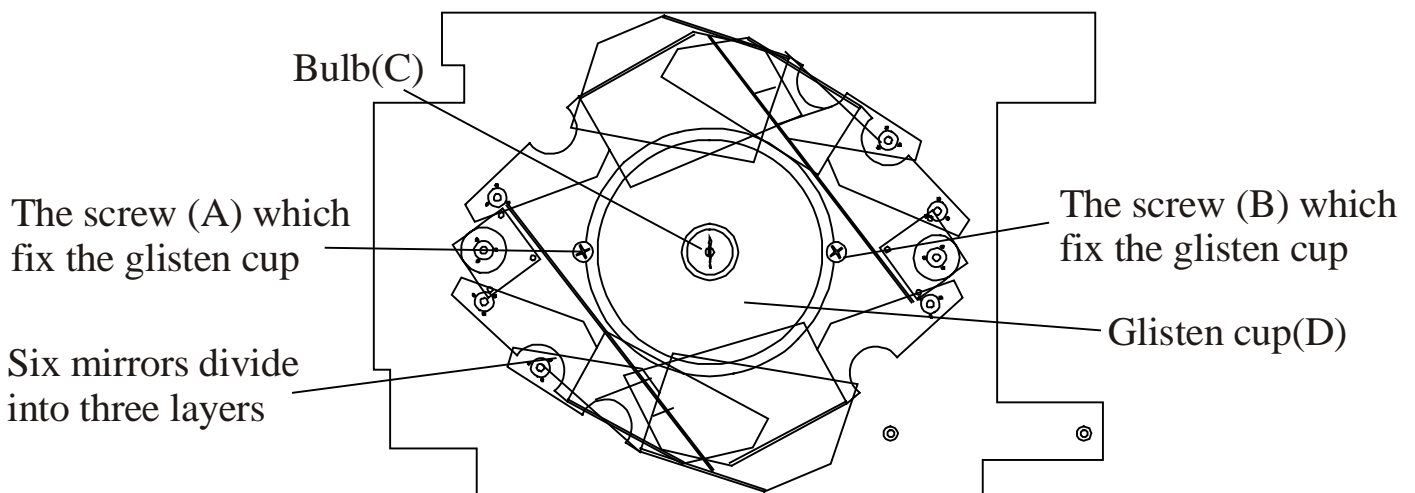5. In case of safety, it's very important that to connect the earth with line.

Attention

➢ Must operate according to the user manual. Don't separate the light personally. Call the technician when the machine breaks down.
➢ Set the light immobility and try to avoid strong shake or hit.
➢ Prevent dust into the equipment.
➢ Before connect power, check the plug is immobility or not, power line should be connect well.
➢ Don't look at the light source directly for avoid damage.
➢ Don't touch the light or draw the power line when your hand was wet.
➢ Maintain the distance morn than 2M from the light to the lighted things.
➢ Don't touch the metal parts when the light was working because of the high temperature.
➢ Don't connect power or operate the light before install the lamp.
➢ The lamp must be replaced if the beam dim, light has been damaged or thermally deformed.
➢ To use the original package when transport again to avoid shake.

Method Of Replaceing Lamp

1. Use six angle screwdriver to takes off the screw which around the casting aluminum carapace of the lamp hole.

Take off the 4 peces six angle screws which fix on the crast.
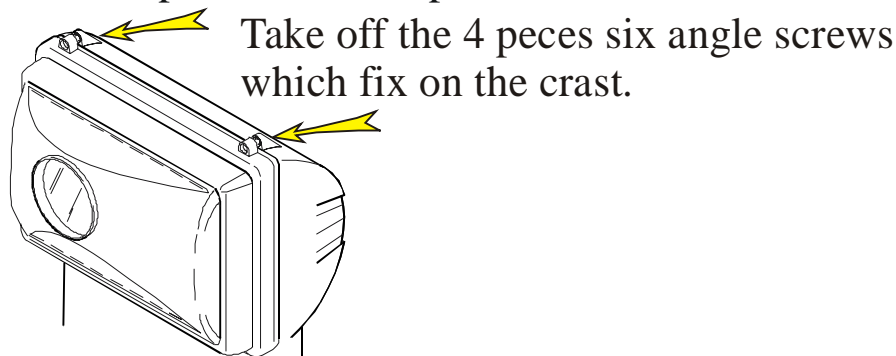
2. After took off the casting aluminum carapace it can be see the ordering mirrors.

Bulb(C)

The screw (A) which fix the glisten cup

Six mirrors divide into three layers

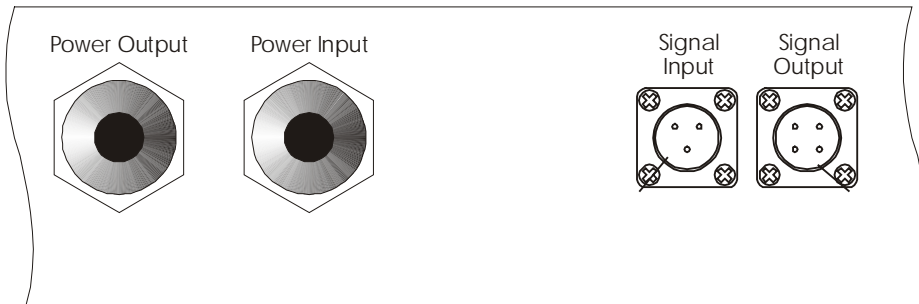The screw (B) which fix the glisten cup

Glisten cup(D)

3. Draw the mirrors (totally six pieces in three layers) to the two sides carefully, and then you can see the lamp, use '+' screwdriver to tweak the two screws which fixed in the glisten cup and take out it vertically.
4. The lamp is feet inserted, so when take out the lamp must vertically.
5. And then put in the lamp according to the contradictorily order, put in the glisten cup, tweak and fix the screw, close the outside carapace and finished.
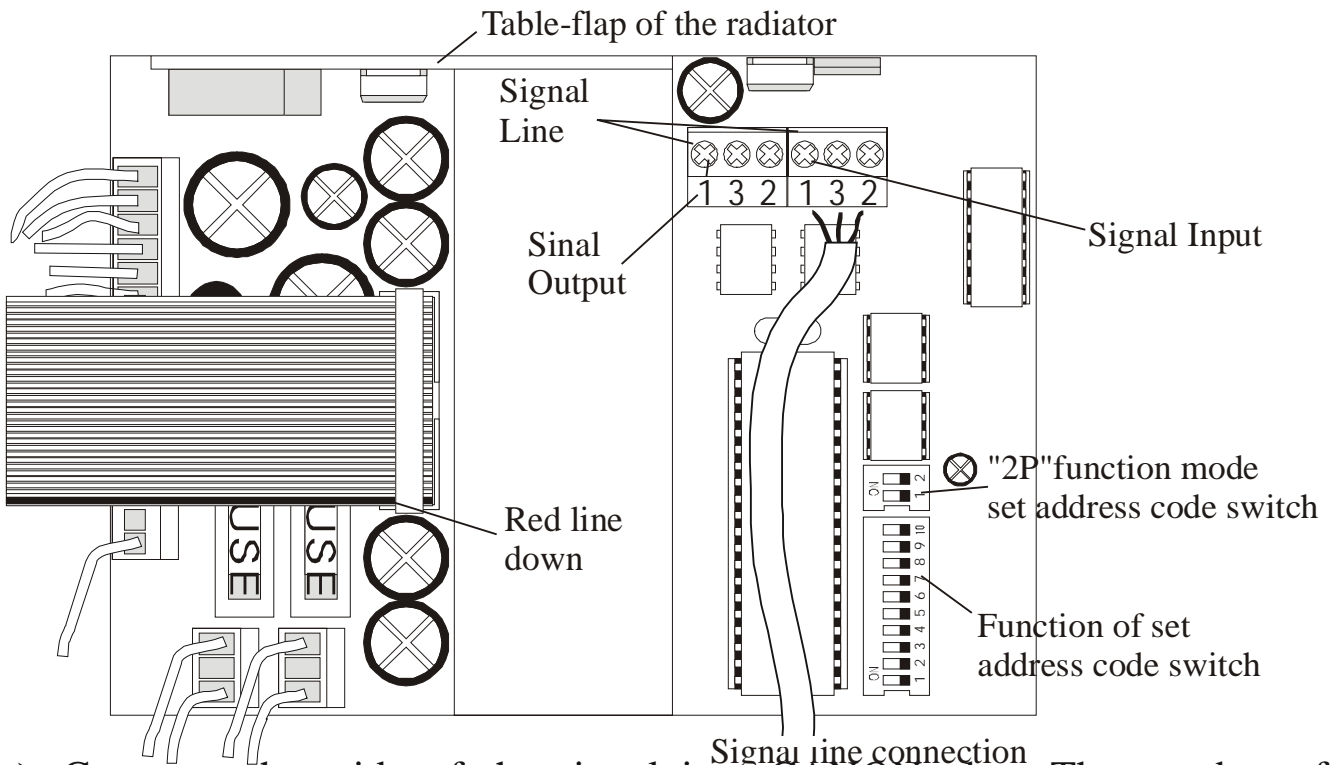
Connect Method Of The Lamp

➢ Connect XIR-XLR line from output signal hole of the control box to input hole of each light. And connect according to this way until all the

in   out

in   out   in   out   in   120 ohm resistance

in   out

Console   Light 1   Light 2   Light N
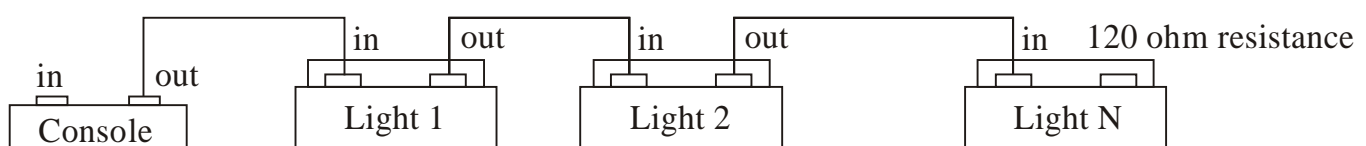
➢ Attention: Please remember to connect one circle circuit plug on the output signal of the last light, this circle circuit plug was connected a 120ohm resistance between two feet and three feet of the CANON plug, connect this circle circuit plug can avoid the signal flash phenomena of signal DMX512 during the transmission.

➢ Connect signal line through input signal to the light line board. And put signal line lead into the body. It must tweak the glue nut to avoid the water. See the following picture:

Power Output   Power Input   Signal   Signal
                                        Input   Output

➢ Connect signal line into line board:

Table-flap of the radiator

Signal
Line

Sinal
Output   1 3 2 1 3 2   Signal Input

                                                    "2P"function mode
                                                    set address code switch

Red line
down   Function of set
                                                    address code switch

Signal line connection

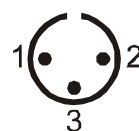➢ Connect other side of the signal into CANON plug. The number of signal line must be the same with CANON plug, the connect method between them:

The Connection Line of the 3 pins Canon plug

OUTPUT   INPUT

2 1   Pin 1: GND   1   2
            Pin 2: Signal -
3   Pin 3: Signal +   3
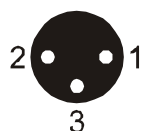
Using Method Of Auto control Mode Of The Lamp

➢ When use auto control mode, must set the address code "2P" to be the switch of 10 ⬚ .

➢ It can be get the perfect light effect through set the address code to set the switch, the address code can use binary system, when reach two add one. This light has 29 kinds of changing modes. See the following

Code	Add. No.	Binary No.	Methods of Add code of Binary
0	0	0000000000	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
1	1	0000000001	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
2	2	0000000010	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
3	3	0000000011	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
4	4	0000000100	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
5	5	0000000101	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
6	6	0000000110	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
7	7	0000000111	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
8	8	0000001000	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
9	9	0000001001	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
10	10	0000001010	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
11	11	0000001011	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
12	12	0000001100	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
13	13	0000001101	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
14	14	0000001110	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
15	15	0000001111	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
16	16	0000010000	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
17	17	0000010001	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
18	18	0000010010	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
19	19	0000010011	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
20	20	0000010100	ON / 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)

LOOP	ADDR	BINARY	USAGE OF DIP SWITCH
21	21	0000010101	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
22	22	0000010110	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
23	23	0000010111	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
24	24	0000011000	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
25	25	0000011001	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
26	26	0000011010	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
27	27	0000011011	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)
28	28	0000011100	ON 1 2 3 4 5 6 7 8 9 10 OFF(ON↑)

➢ The functions of the 29 kinds of changing modes, please see the functions of the following address codes:

Set Address codes	Function
Code 0	White
Code 1	Blue
Code 2	Light Blue
Code 3	RoseRed
Code 4	Yellow
Code 5	DeepOrchid
Code 6	StrawYellow
Code 7	Green
Code 8	Red
Code 9	lightYellow
Code 10	Aubergine
Code 11	Aubergine DeepBlue Blue Green White Yellow Red(approx30second/time)
Code 12	Aubergine DeepBlue Blue Green White Yellow Red(approx20second/time)
Code 13	Aubergine DeepBlue Blue Green White Yellow Red(approx10second/time)

Set Address codes	Function
Code14	Aubergine DeepBlue Blue Green Yellow Red (approx30second/time)
Code15	Aubergine DeepBlue Blue Green Yellow Red (approx20second/time)
Code16	Aubergine DeepBlue Blue Green Yellow Red (approx10second/time)
Code17	Aubergine Blue Yellow(approx30second/time)
Code18	Aubergine Blue Yellow(approx20second/time)
Code19	Aubergine Blue Yellow(approx10second/time)
Code20	Aubergine Blue White Yellow(approx30second/time)
Code21	Aubergine Blue White Yellow(approx20second/time)
Code22	Aubergine Blue White Yellow(approx10second/time)
Code23	Aubergine Yellow Red(approx30second/time)
Code24	Aubergine White Yellow Red(approx30second/time)
Code25	Green Blue Yellow(approx30second/time)
Code26	Green Blue White Yellow(approx30second/time)
Code27	Aubergine DeepBlue Blue(approx30second/time)
Code28	Aubergine→DeepBlue→Blue→White(approx30second/time)

➤ All the function modes have inheritance when changing. Example: When last mode was yellow, the next color will change according to the color order from Yellow.

Using Method Of Master-Slave

➤ When using Master-Slave mode, the Master should set the address code "2P" to be the switch of 10 , and the Slave set 01 . It can only have one set of Master in Master-Slave mode, and all the Slaves should follow the Master operate.

➤ The Master setting of Master-Slave mode is the same as Auto mode. About the address code setting and the function please see the function

The Using Method Of DMX512 Signal Control Mode

➢ The connection of DMX512 signal please see　Using Method of Lamp Connection　. Set 00 [switch image] as switch of "2P" function mode.

➢ When the light use DMX512, it should set the address code on the light, this light has six channels, the setting methods as follows:

1. The calculation of address code: Address code numbers of each light can according to this expressions:

ADDR=6× N-5, Example:

No.1: ADDR=1;	No.2: ADDR=7;
No.3: ADDR=13;	No. 4: ADDR=19;

2. The typing of address code: in binary system, each unit has two numbers 0 and 1, it just corresponding to OFF and ON of address code of the switch. To calculate as per two add one. See the picture:

LOOP	ADDR	BINARY	USAGE OF DIP SWITCH
1	1	0000000000	
2	7	0000000111	
3	13	0000001101	
4	19	0000010011	

➢ Put on power, it can be operate the light with console.

Channel	Value of DMX512	Function
1 Speed	0~255	From slow to fast to control the changing speed of the three color of the channel 2(Yellow), 3(Aubergine), 4(Blue)
2 Yellow	0~255	Yellow are changing, from low to deep
3 Aubergine	0~255	Aubergine are changing, from low to deep.
4 Blue	0~255	Blue are changing, from light to deep

Channel	Value of DMX512	Function
5 Fettle Switch	0~25	White(set the color piece by hand)
	26~50	Yellow
	51~76	Aubergine
	77~102	Blue
	103~128	Red
	129~154	Green
	155~180	Deep Blue
	181~206	Aubergine→Deep Blue→Blue→Green→White→Yellow→Red(approx 30 second/time)
	207~232	Aubergine→Deep Blue→Blue→Green→White→Yellow→Red(approx 20 second/time)
	233~255	Aubergine→Deep Blue→Blue→Green→White→Yellow→Red(approx 10 second/time)
6 Keeping	0~255	Keeping

➢ The channel 1, 2, 3, 4 can be use when 512 value of the channel 5 fettle switch between 0　25.

➢ The color order of each light will different when 512 value of the channel 5 fettle switch between 181　255.

The Usage Of DMX512-KT Controller

➢ When you use our DMX512, should set the address code　2P　to be the switch of 00 [image]．

➢ Connect power and open the lamp, set the number of the channel: the original channel is　1 , the controller totally has 14 channels. So for the second lamp, the channel value is 15, according to this way, it can be totally control 12 circuit computer lights. The calculation method is: $14 \times N-13$. The

Projector No. & chanees.	1	2	4	8	16	32	64	128	256	512
Projector 1 - chanees.1-14	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Projector 2 - chanees.15-28	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Projector 3 - chanees.29-42	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Projector 4 - chanees.43-56	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Projector 5 - chanees.57-70	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Projector 6 - chanees.71-84	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Projector 7 - chanees.85-98	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Projector 8 - chanees.99-112	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Projector 9 - chanees.113-126	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Projector 10 - chanees.127-140	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
Projector 11 - chanees.141-154	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Projector 12 - chanees.155-168	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF

➢ Connect power and open DMX512 controller, it's about two mun. later the controller will get into the original fettle.

➢ Press "FNC" press "1ABC" press "◄ " or "+►" to choose the factory, for this unit please choose "17 MARTIN", and then press "ENTER" to confirm.

➢ Press "◄ " or "+►" to find the type of the lamp. For this unit please choose "R.S. PRO 518 M2" and then press "ENTER" to confirm.

➢ To choose circuit which confirmed by the controller, and then it can be operate the lamp by use the controller.

Maintain

➢ Should be clean all optics lens and reflector at regular to increase the output effect. Cleaning times according to the operate frequency and usage situation. Clean the outside systems per 20 days a time and inside optics lens per 60 days.

➢ Please do not use the organic liquor like alcohol to brush the crust of the light to avoid any damage.

Attention: the lamp before maintain or servicing, must switch off the power first.

When the lamp is working, do not look directory to the light to avoid any damage to the eyes.

The Main Technic Parameter And Characteristic

➢ Voltage: AC220   240V, 50/60Hz

➢ Power: 350W

➢ Specification of Lamp: MSD 250W/2 gas bulb, lamp which against
ultraviolet radiation

➢ Life span of bulb: approx 2000 hours

➢ Color Temperature: 8500K

➢ Luminous flux: 18000 Lumen

➢ Protection Grade: IP65

➢ Signal: International Standard DMX512 signal

➢ Control Mode: DMX512-KT/Stand alone/Master-slave

➢ Color effect: three colors (red, yellow and blue) + white, CYM color
changing step, can limitless change.

➢ Size: 41× 37× 54cm

➢ N. W.: 17.5kg

Announcement

➢ The function and package of goods are well when leaving factory. All
users should be abidance the above warning and operating illustration
strictly. Any of the damage caused upon misusage are not within
warranty; any failure and problems caused upon ignore the user manual
also no in the dealer's duty area.

➢ We won't inform if there's any change in this manual.