B-EYE K15R
User Manual

Guangzhou Mitek Light Co.,LTD

Email: info@miteklight.com

Website: www.miteklight.com

Add: No. 21 Dongfeng Avenue, Automobile Industry Base, Huadu District, Guangzhou

TECHNICAL PARAMETERS

Light source

Rated voltage: AC100V~240V 50 / 60Hz

Input power: 750W

LED:19*40W 4in1 RGBW LEDs+74*0.5W LED RING

Approved life: 50,000 hours

Optical

Color: red, green, blue, and white

Focus: 4° -60 ° DMX linear focus, with autofocus function

Color temperature regulation: built-in CTO DMX linear dimming

Controls

Control mode: 32 CH, 34 CH, 46 CH, 78 CH, 92 CH, 97 CH, 99 CH; 7 channel control modes, standard DMX512 protocol, RDM protocol

Control interface: DMX512 interface (3 core / optional 5 core), power cord hand-in-hand socket

Display function: 1.77-inch LCD screen, Chinese and English bilingual menu, sensor fault display, temperature display

Effect

Effect mode: (vortex, kaleidoscope)

The front mirror plate is variable to infinite rotation, seamless splicing mirror plate, unspherical lens structure, single point control light belt effect: strobe, horse racing effect, with built-in program

Electronic strobe, 0.3~25 times / second, can choose synchronous, asynchronous random strobe

Dimmming: electronic dimming 0~100% linear adjustment, with gamma curve dimming frequency 1.2K~25K adjustable, with macro instruction dimming linear stable smooth without flashing, using stable constant current drive and power supply, suitable for video shooting

Construction

Rotation Angle: XY axis is driven by high-speed silent 60 three-phase motor, with high-precision imported Hall positioning device, so that the operation positioning is more accurate, when the error can be automatically returned, horizontal and vertical speed adjustable; XY axis rotation function and reverse function,

Horizontal 540° (16 bit precision scan), vertical 270° (16 bit precision scan)

Dormant function: using advanced technology to achieve remote dormancy function, when the lamp disconnected signal automatically enter the dormant state, make the lamp more stable and safer

Heat dissipation system: the high guide light aluminum radiator is adopted, the fan intelligent monitoring technology automatically adjusts the number of fan revolutions according to the temperature of the lamp, and the built-in overheating protection intelligent system / intelligent temperature and noise balance module

Protection level: IP20, optional rain cover protection level up to IP44

Weight&Dimension

Net weight: 19 KG

Gross weight: 21 KG

Product size: 40.5 * 23.4 * 44CM

Package size: 49 * 47 * 39CM (one pack and one)

characteristic

1. Screen automatic rotation function, the system can automatically rotate the screen according to the direction of gravity, without manual rotation! You can also turn off the automatic rotation function

2. Integrated motherboard design, solve the problems of smoke oil, colored paper and so on, can separate section control control lamp beads, horse racing effect, built-in and other rich effects, the product built-in RDM remote console dial code upgrade function

SIZE DRAWING
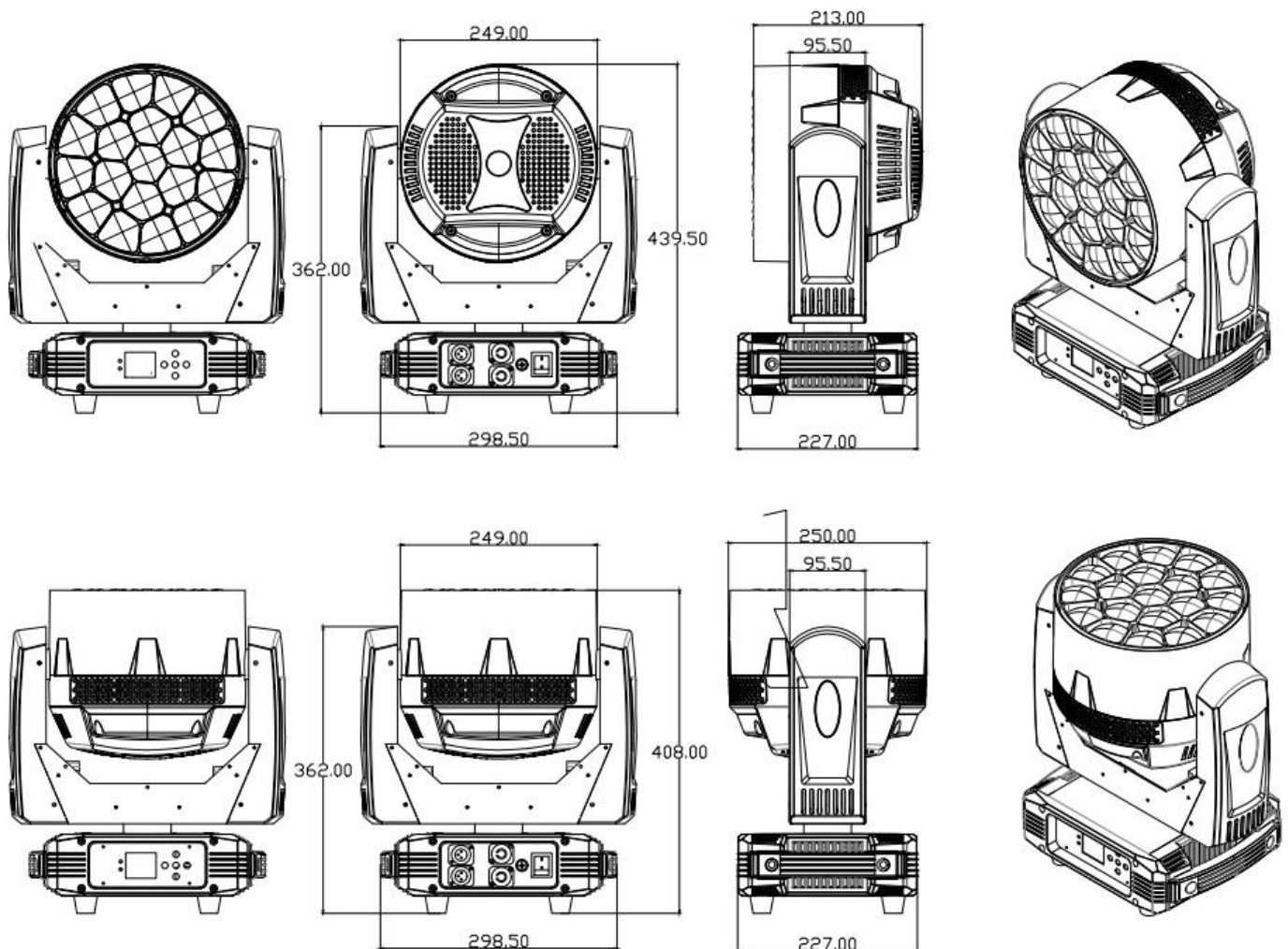
1. Remove the packaging

Thanks for choosing to use our 1940W head-stained beam lamps. For proper and safe use, please read the instructions carefully before installing and using this product. This specification contains important installation and application information. Please strictly follow the operation procedures when installing and operating the product. At the same time, please keep this instruction manual properly.

  Our 1940W bee eye shaking head dyeing beam lamp uses a new beautiful high temperature resistant engineering plastic shell and high hardness metal body. This product strictly follows the CE standard for design and production, in line with the international standard DMX512 signal protocol, can be used separately for control, can also be used online, with fast rotation, low noise, powerful features, suitable for large and medium-sized concerts, theaters, studios, nightclubs and bars and other places,

This product uses 1940W 4 in 1 lamp beads. Please remove the package carefully, check whether the product is damaged during transportation, and check whether the following contents are complete.

- - - - - - - - - - -1 signal line- - - -1

Quick lock- - - - - - - - - - - - - -2 instructions- - - -1 book

2. Safety instructions

Notice!
Please be careful before operating this product. This product is a high-voltage product and you may be shocked if it touches the wires!

This product is a good product before delivery. In order to keep the product in good condition and ensure safe operation, users should follow the safety matters and the instructions.

☞ Important: Damage caused by not following this instruction is not covered by the warranty. The supplier is not responsible for the product problems arising from this.

  If the product has been exposed to extreme unstable temperature conditions (e. g., after transportation), do not supply the product immediately because water drops due to temperature changes may damage the product. Please use the product has returned to normal temperature.

  This product can be used in the 90-240V voltage range and is intended for indoor use. Please ensure that the ground voltage is not higher than the tolerable range of the product!! The power plug must be plugged into a protective class I socket. Green or tea-cyan conductors must be grounded.

  Please check the product-level power cord frequently. Ensure that the power cord is not folded or damaged and not connected to other wires! Special attention is required when connecting the power cord or the related wiring. Unplug the power supply without using the product or before cleaning.

  Before using the product, please be familiar with the operation function of the product. Please do not expose children or no professionals to the product.

3. Operating instructions

- -This product is a head dyeing beam lamp used to create dyeing performance.
- -If the product after a large temperature difference (for example, after transportation), do not immediately start the product, because the heat account cold shrinkage will damage the product. Please wait until the device reaches the normal room temperature before starting the product.
- -Pay attention to the shock shock. Avoid strong collisions during product installation.
- -Please do not raise the whole product through the lamp head, because the mechanical nature of the equipment may be damaged.
- -Make sure the product is not exposed to overheated, wet, or dusty places. Please do not place any wires on the ground or you may be in danger of suffering an electric shock.
- -Before installing the product, please ensure the installation point of safety
- -Please attach the product to the safety rope and check that all the screws are correct during installation
- -Please make sure that the lens is in good condition. Replace the lens when the lens is damaged or scratched.
- -It is recommended that the technicians familiar with the product operate the product. Non-technical personnel are prohibited from operating this equipment because many losses are the result of non-professional operations.
- -Please keep the packing materials properly for secondary transportation as required.
- -Do not change the product without the guidance from the manufacturer or distributor.
- -Any equipment failure caused by failing to use the equipment is not covered by the warranty. And any accident caused by short circuit, injury, electric shock, ultraviolet light caused by injury, bulb explosion accidents are not within the scope of warranty.

Please ensure that this product should be installed at least 0.5 meters away from the flammable materials.
  Please remember to use the safety rope as a safety guarantee, in case the accident is dropped quickly.
  Hanging point: the top hanging requires that the installation personnel must be experienced, including calculating the load-bearing requirements, the installation materials used, and the periodic inspection of the safety status of the installation materials and products. If you lack this knowledge, please do not try to install it yourself. If not incorrectly, it may lead to serious consequences such as personal injury.
  Make sure that all the required hanging and installation steps are completed before the product is powered on.
  Quick lock hanging: there are specially designed professional pendants at the bottom of this product, including quick lock pendant and safety rope hanging points (please refer to the figure below).
  When hanging this product to the truss, please remember to use a suitable quick lock, fix it to the quick lock pendant position of the product, and hang it with the screws of M10. To further ensure the safety, please install the safety rope to the safety rope hanging point at the bottom of the product, and fix it to the truss.

① Omega Bracket
② Safety Clamp
③ Safety Cable
④ 1/4 Turn Quick-Lock Fasteners
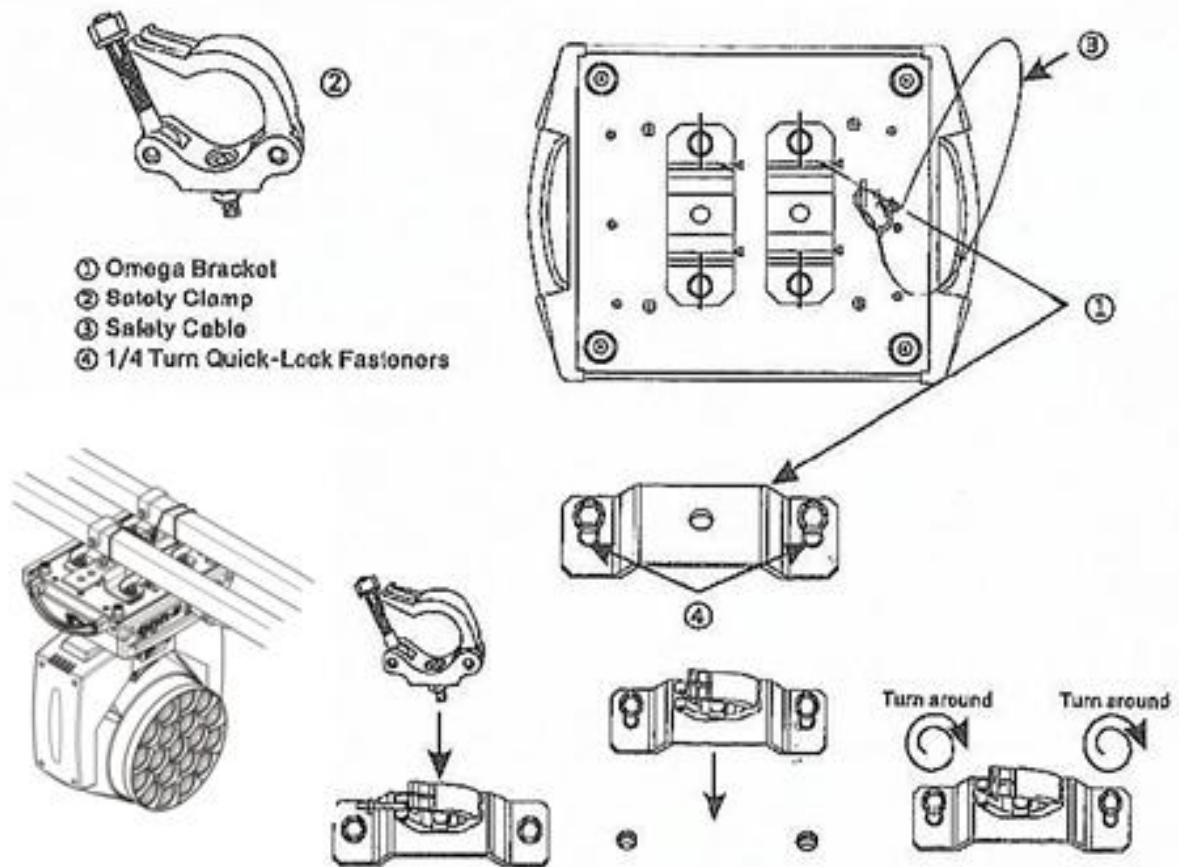
4. DMX-512 linkage

Please plug the male header of the XLR signal line into the signal output port of the controller and the master head into the signal input port on the back board of the product. You can talk about multiple products in series, the signal line needs to be three-heart, shielded, with XLR input and output head. Please refer to the figure below.

DMX IN

POWER IN

DMX Output
3-Pin XLR Socket

DMX Input
3-Pin XLR Socket

1: Ground
2: Data (-)
3: Data (+)

2=DMX"-"

3=DMX"+"

1=GND

DMX IN

DMX OUT
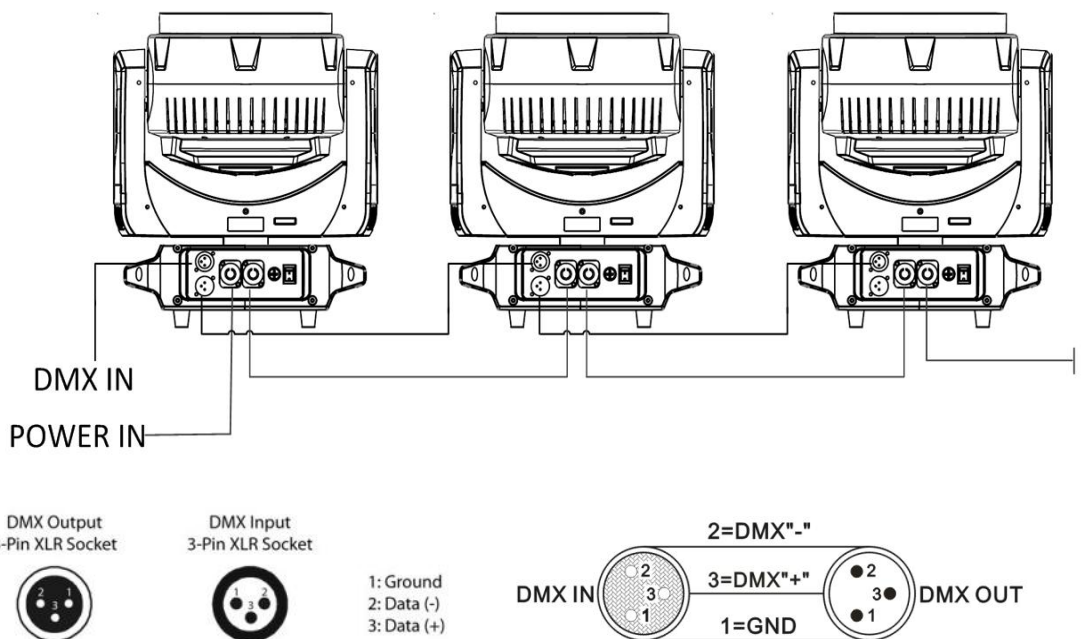
DMX-512 connection with terminal (loop connection)

During installation, a DMX terminal (loop connection) is recommended if the signal line is laid over a long distance, or in noisy electrical environments, such as dance halls. This avoids the digital control signal opacity due to electrical noise. The DMX terminal consists of a simple XLR connector with 2 cores and 3 cores connecting a 120 ohm resistance. Please insert the terminal into the XLR output port of the last product, please refer to the following figure.

5. Channel mode

CH32	function	DMX numeric value	description
1	red	0-255	Red for linear dimming from dark to bright
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green for linear dimming from dark to bright
4	Green fine-tuning	0-255	Green fine-tuning
5	blue	0-255	Blue for linear dimming from dark to bright
6	Blue fine-tuning	0-255	Blue fine-tuning
7	white	0-255	White for linear dimming from dark to bright
8	White fine tuning	0-255	White fine tuning
9	Color temperature regulation	0-255	Linear color temperature regulation
10	Color macro	0-255	Built-in color gradient
11	stroboflash	0-3	lighting-off
		4-103	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)
		104-107	light up
		108-207	Equecting strobe speed from slow to fast (1 HZ-25 HZ)
		208-212	light up
		213-225	Low speed random flash
		226-238	Medium speed random flash
		239-251	High-speed random flash
		252-255	light up
12	Total dimming	0-255	Linear dimming, from dark to bright
13	Total dimming fine-tuning	0-255	Total dimming and fine-tuning control
14	X axle	0-255	horizontal control
15	X axis fine-tuning	0-255	Horizontal fine-tuning control
16	Y axle	0-255	vertical control
17	Y axis fine-tuning	0-255	Vertical fine-tuning control
18	macro	0-255	obligate
19	reset	0-25	NF

		26-76	The lamp head reset is valid for 5s
		77-127	The XY reset for 5s is valid
		128-255	All the reset for 5s is valid
20	focus	0-255	focus
21	tilting mirror	0-127	0-60 degrees
		128-188	Counterclockwise from fast to slow infinite turn
		189-193	cease
		194-255	Cturn from slow to fast
22	frequency	0-31	1K frequency
		32-63	Frequency of 1.5K
		64-95	2K frequency
		96-127	2.5K frequency
		128-159	3K frequency
		160-191	4K frequency
		192-223	6K frequency
		224-255	10K frequency
23	Light with dimming	0-255	The light band is linearly dimdimed from dark to bright
24	Light band flash	0-4	light up
		5-250	Synchronous strobe goes from slow to fast
		251-255	light up
25	The light with red	0-255	Light with red for linear dimming from dark to bright
26	The light with green	0-255	Lamp with green linear dimming from dark to bright
27	The light is blue	0-255	Light blue linear dimming from dark to bright
28	Light belt effect	0-4	NF
		5-144	Light with color controllable effect 1-20 (7 number one effect)
		145-255	Uncontrollable color and controllable effect 21-35 (7 number one effect)
29	Light belt effect speed	0-255	The lamp belt effect speed is changed from slow to fast
30	Light band effect background red	0-255	Light band effect background red from dark to bright linear dimming
31	Lamp belt effect background is green	0-255	Light band effect background green from dark to bright linear dimming
32	Lamp band effect background is blue	0-255	Light band effect background blue linear dimming from dark to bright

CH34	function	DMX numeric value	description
1	X axle	0-255	horizontal control
2	X axis fine-tuning	0-255	Horizontal fine-tuning control
3	Y axle	0-255	vertical control
4	Y axis fine-tuning	0-255	Vertical fine-tuning control
5	XY velocity	0-255	Horizontal / vertical speed is from fast to slow
6	focus	0-255	focus
7	tilting mirror	0-127	0~60 Degrees
		128-188	Counterclockwise from fast to slow infinite turn
		189-193	cease
		194-255	Cturn from slow to fast
8	aiming	0-255	Linear dimming, from dark to bright
9	stroboflash	0-3	light up
		4-200	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)
		201-215	Low speed random flash
		216-234	Medium speed random flash
		235-255	High-speed random flash
10	red	0-255	Red for linear dimming from dark to bright
11	green	0-255	Green for linear dimming from dark to bright
12	blue	0-255	Blue for linear dimming from dark to bright
13	white	0-255	White for linear dimming from dark to bright
14	Color temperature regulation	0-255	Linear color temperature regulation
15	Color macro	0-255	Built-in color gradient
16	Static effect	0-9	not have
		10-14	Static effect 1
		15-19	Static effect 2
		20-24	Static effect 3
			...
			5 to number an effect
			...
		175-179	Static effect 34
		180-184	Static effect 35
		185-255	Static effect 36
17	Dynamic effect	0-9	not have
		10-14	Effect 1
		15-19	Effect 2

		20-24	Effect 3
		...	...
		5 to number an effect	
		220-224	Effect 43
		225-229	Effect 44
		230-255	Effect 45
18	Dynamic effect speed	0-126	Forward from fast to slow
		127-128	static
		129-255	Reverse from slow to fast
19	Background red	0-255	The effect background is red for linear dimming from dark to bright
20	Background green	0-255	The effect background is green for linear dimming from dark to light
21	Background blue	0-255	The effect background is blue for linear dimming from dark to bright
22	Background white	0-255	The effect background is white for linear dimming from dark to bright
23	reset	0-26	not have
		27-76	The lamp head reset is valid for 5s
		77-127	The XY reset for 5s is valid
		128-255	All the reset for 5s is valid
24	frequency	0-31	1K frequency
		32-63	Frequency of 1.5K
		64-95	2K frequency
		96-127	2.5K frequency
		128-159	3K frequency
		160-191	4K frequency
		192-223	6K frequency
		224-255	10K frequency
25	Light with dimming	0-255	The light band is linearly dimdimed from dark to bright
26	Light band flash	0-4	light up
		5-250	Synchronous strobe goes from slow to fast
		251-255	light up
27	The light with red	0-255	Light with red for linear dimming from dark to bright
28	The light with green	0-255	Lamp with green linear dimming from dark to bright
29	The light is blue	0-255	Light blue linear dimming from dark to bright
30	Light belt effect	0-4	NF
		5-144	Light with color controllable effect 1-20 (7 number one effect)
		145-255	Uncontrollable color and controllable effect 21-35 (7

9

			number one effect)
31	Light belt effect speed	0-255	The lamp belt effect speed is changed from slow to fast
32	Light band effect background red	0-255	Light band effect background red from dark to bright linear dimming
33	Lamp belt effect background is green	0-255	Light band effect background green from dark to bright linear dimming
34	Lamp band effect background is blue	0-255	Light band effect background blue linear dimming from dark to bright

CH46	function	DMX numeric value	description
1	red	0-255	Red for linear dimming from dark to bright
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green for linear dimming from dark to bright
4	Green fine-tuning	0-255	Green fine-tuning
5	blue	0-255	Blue for linear dimming from dark to bright
6	Blue fine-tuning	0-255	Blue fine-tuning
7	white	0-255	White for linear dimming from dark to bright
8	White fine tuning	0-255	White fine tuning
9	Color temperature regulation	0-255	Linear color temperature regulation
10	Color macro	0-255	Built-in color gradient
11	stroboflash	0-3	lighting-off
		4-103	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)
		104-107	light up
		108-207	Equecting strobe speed from slow to fast (1 HZ-25 HZ)
		208-212	light up
		213-225	Low speed random flash
		226-238	Medium speed random flash
		239-251	High-speed random flash
		252-255	light up
12	Total dimming	0-255	Linear dimming, from dark to bright
13	Total dimming fine-tuning	0-255	Total dimming and fine-tuning control
14	X axle	0-255	horizontal control
15	X axis fine-tuning	0-255	Horizontal fine-tuning control
16	Y axle	0-255	vertical control
17	Y axis fine-tuning	0-255	Vertical fine-tuning control
18	macro	0-255	obligate

		0-25	NF
19	reset	26-76	The lamp head reset is valid for 5s
		77-127	The XY reset for 5s is valid
		128-255	All the reset for 5s is valid
20	focus	0-255	focus
21	tilting mirror	0-127	0-60 degrees
		128-188	Counterclockwise from fast to slow infinite turn
		189-193	cease
		194-255	Cturn from slow to fast
22	Built-in effect (Mateffect color)	0-7	not have
		8	Static effect 1
		9	Static effect 2
		10	Static effect 3
		11	not have
		12	Static effect 4
		13	Static effect 5
		14	not have
		15	Dynamic effect 1
		16	Dynamic effect 2
		17	Dynamic effect 3
		18	Dynamic effect 4
		19	Monochromatic random
		20	Full color random
		21	Rainbow Effect 1
		22	Rainbow Effect 2
		23	Dynamic effect 5
		24	Dynamic effect 6
		25	Dynamic effect 7
		26	Dynamic effect 8
		27	Dynamic effect 9
		28	Dynamic effect 10
		29	Dynamic effect 11
		30	Dynamic effect 12
		31	Dynamic effects 13
		32	Dynamic effects 14
		33	not have

		34	not have
		35	Dynamic effect 15
		36	Dynamic effects 16
		37	Dynamic effects 17
		38	Dynamic effects 18
		39	Dynamic effects 19
		40	Dynamic effect 20
		41	not have
		42	Dynamic effect 21
		43	not have
		44	Dynamic effect 22
		45	Dynamic effect 23
		46	Dynamic effects 24
		47	Dynamic effect 25
		48	Dynamic effects 26
		49	Dynamic effects 27
		50	Dynamic effect 28
		51	Dynamic effects 29
		52	Dynamic effect 30
		53	Dynamic effects 31
		54	Dynamic effects 32
		55	Dynamic effects 33
		56	Dynamic effects 34
		57	Dynamic effect 35
		58	Dynamic effects 36
		59	Dynamic effects 37
		60	Dynamic effects 38
		61	Random position 1
		62	Random position 2
		63	Random position 3
		64	not have
		65	Random position 4
		66	Random position 5
		67	Dynamic effects 39
		68	Dynamic effect 40
		69	not have

		70	Dynamic effect 41
		71-255	not have
23	Effect speed	0-63	The effect is static
		64-158	Forward from fast to slow
		159-160	static
		161-255	Reverse from slow to fast
24	Effects downplay	0-255	Dynamic effect downplay
25	The effect is red	0-255	Dynamic effect red
26	The effect of green	0-255	Dynamic effect green
27	The effect is blue	0-255	Dynamic effect blue
28	The effect of white	0-255	Dynamic effect white
29	Effect dimming	0-255	Pattern with 0-100% dimming
30	Background dimming	0-255	Background with 0-100% dimming
31	Effect transition	0-255	Pattern change control
32	Effect supplement	0-255	Pattern translation
33	Prospects flash	0-255	Probe (same as 11 channel)
34	Background flash	0-255	Background strobe (same as 11 channel)
35	background selection	0-255	background selection
36	frequency	0-31	1K frequency
		32-63	Frequency of 1.5K
		64-95	2K frequency
		96-127	2.5K frequency
		128-159	3K frequency
		160-191	4K frequency
		192-223	6K frequency
		224-255	10K frequency
37	Light with dimming	0-255	The light band is linearly dimdimed from dark to bright
38	Light band flash	0-4	light up
		5-250	Synchronous strobe goes from slow to fast
		251-255	light up
39	The light with red	0-255	Light with red for linear dimming from dark to bright
40	The light with green	0-255	Lamp with green linear dimming from dark to bright
41	The light is blue	0-255	Light blue linear dimming from dark to bright
42	Light belt effect	0-4	NF
		5-144	Light with color controllable effect 1-20 (7 number one effect)
		145-255	Uncontrollable color and controllable effect 21-35 (7 number one effect)

				DMX numeric value	
43		Light belt effect speed	0-255		The lamp belt effect speed is changed from slow to fast
44		Light band effect background red	0-255		Light band effect background red from dark to bright linear dimming
45		Lamp belt effect background is green	0-255		Light band effect background green from dark to bright linear dimming
46		Lamp band effect background is blue	0-255		Light band effect background blue linear dimming from dark to bright

CH78	CH92	CH97	function	DMX numeric value	description
1	1	1	red	0-255	Red for linear dimming from dark to bright
2	2	2	Red fine tuning	0-255	Red fine tuning
3	3	3	green	0-255	Green for linear dimming from dark to bright
4	4	4	Green fine-tuning	0-255	Green fine-tuning
5	5	5	blue	0-255	Blue for linear dimming from dark to bright
6	6	6	Blue fine-tuning	0-255	Blue fine-tuning
7	7	7	white	0-255	White for linear dimming from dark to bright
8	8	8	White fine tuning	0-255	White fine tuning
9	9	9	Color temperature regulation	0-255	Linear color temperature regulation
10	10	10	Color macro	0-255	Built-in color gradient
11	11	11	stroboflash	0-3	lighting-off
				4-103	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)
				104-107	light up
				108-207	Equecting strobe speed from slow to fast (1 HZ-25 HZ)
				208-212	light up
				213-225	Low speed random flash
				226-238	Medium speed random flash
				239-251	High-speed random flash
				252-255	light up
12	12	12	Total dimming	0-255	Linear dimming, from dark to bright
13	13	13	Total dimming fine-tuning	0-255	Total dimming and fine-tuning control
14	14	14	X axle	0-255	horizontal control
15	15	15	X axis fine-tuning	0-255	Horizontal fine-tuning control
16	16	16	Y axle	0-255	vertical control
17	17	17	Y axis fine-tuning	0-255	Vertical fine-tuning control

18	18	18	macro	0-255	obligate
19	19	19	reset	0-25	NF
				26-76	The lamp head reset is valid for 5s
				77-127	The XY reset for 5s is valid
				128-255	All the reset for 5s is valid
20	20	20	focus	0-255	focus
21	21	21	tilting mirror	0-127	0-60 degrees
				128-188	Counterclockwise from fast to slow infinite turn
				189-193	cease
				194-255	Cturn from slow to fast
/	22	/	Built-in effect (Mateffect color)	0-7	not have
				8	Static effect 1
				9	Static effect 2
				10	Static effect 3
				11	not have
				12	Static effect 4
				13	Static effect 5
				14	not have
				15	Dynamic effect 1
				16	Dynamic effect 2
				17	Dynamic effect 3
				18	Dynamic effect 4
				19	Monochromatic random
				20	Full color random
				21	Rainbow Effect 1
				22	Rainbow Effect 2
				23	Dynamic effect 5
				24	Dynamic effect 6
				25	Dynamic effect 7
				26	Dynamic effect 8
				27	Dynamic effect 9
				28	Dynamic effect 10
				29	Dynamic effect 11
				30	Dynamic effect 12
				31	Dynamic effects 13
				32	Dynamic effects 14

					33	not have
					34	not have
					35	Dynamic effect 15
					36	Dynamic effects 16
					37	Dynamic effects 17
					38	Dynamic effects 18
					39	Dynamic effects 19
					40	Dynamic effect 20
					41	not have
					42	Dynamic effect 21
					43	not have
					44	Dynamic effect 22
					45	Dynamic effect 23
					46	Dynamic effects 24
					47	Dynamic effect 25
					48	Dynamic effects 26
					49	Dynamic effects 27
					50	Dynamic effect 28
					51	Dynamic effects 29
					52	Dynamic effect 30
					53	Dynamic effects 31
					54	Dynamic effects 32
					55	Dynamic effects 33
					56	Dynamic effects 34
					57	Dynamic effect 35
					58	Dynamic effects 36
					59	Dynamic effects 37
					60	Dynamic effects 38
					61	Random position 1
					62	Random position 2
					63	Random position 3
					64	not have
					65	Random position 4
					66	Random position 5
					67	Dynamic effects 39
					68	Dynamic effect 40

				69	not have
				70	Dynamic effect 41
				71-255	not have
	23		Effect speed	0-63	The effect is static
				64-158	Forward from fast to slow
				159-160	static
				161-255	Reverse from slow to fast
	24		Effects downplay	0-255	Dynamic effect downplay
	25		The effect is red	0-255	Dynamic effect red
	26		The effect of green	0-255	Dynamic effect green
	27		The effect is blue	0-255	Dynamic effect blue
	28		The effect of white	0-255	Dynamic effect white
	29		Effect dimming	0-255	Pattern with 0-100% dimming
	30		Background dimming	0-255	Background with 0-100% dimming
	31		Effect transition	0-255	Pattern change control
	32		Effect supplement	0-255	Pattern translation
	33		Prospects flash	0-255	Probe (same as 11 channel)
	34		Background flash	0-255	Background strobe (same as 11 channel)
	35		background selection	0-255	background selection
22	36	22	R1 LED Dimming	0-255	R1 LED Dimming
23	37	23	G1 LED Dimming	0-255	G1 LED Dimming
24	38	24	B1 LED Dimming	0-255	B1 LED Dimming
		25	W1 LED Dimming	0-255	W1 LED Dimming
25	39	26	R2 LED Dimming	0-255	R1 LED Dimming
…			…	0-255	……
76	91	94	R19 LED Dimming	0-255	R19 LED Dimming
77	90	95	G19 LED Dimming	0-255	G19 LED Dimming
78	92	96	B19 LED Dimming	0-255	B19 LED Dimming
/	/	97	W19 LED Dimming	0-255	W19 LED Dimming

CH99	function	DMX numeric value	description
1	X axle	0-255	horizontal control
2	X axis fine-tuning	0-255	Horizontal fine-tuning control
3	Y axle	0-255	vertical control
4	Y axis fine-tuning	0-255	Vertical fine-tuning control
5	XY velocity	0-255	Horizontal / vertical speed is from fast to slow
6	focus	0-255	focus
7	tilting mirror	0-127	0~60 Degrees
		128-188	Counterclockwise from fast to slow infinite turn
		189-193	cease
		194-255	Cturn from slow to fast
8	aiming	0-255	Linear dimming, from dark to bright
9	stroboflash	0-3	light up
		4-200	Synchronous strobe speed is changed from slow to fast (1 HZ-25 HZ)
		201-215	Low speed random flash
		216-234	Medium speed random flash
		235-255	High-speed random flash
10	red	0-255	Red for linear dimming from dark to bright
11	green	0-255	Green for linear dimming from dark to bright
12	blue	0-255	Blue for linear dimming from dark to bright
13	white	0-255	White for linear dimming from dark to bright
14	Color temperature regulation	0-255	Linear color temperature regulation
15	Color macro	0-255	Built-in color gradient
16	Static effect	0-9	not have
		10-14	Static effect 1
		15-19	Static effect 2
		20-24	Static effect 3
		...	
		5 to number an effect	
		...	
		175-179	Static effect 34
		180-184	Static effect 35
		185-255	Static effect 36
17	Dynamic effect	0-9	not have
		10-14	Effect 1
		15-19	Effect 2
		20-24	Effect 3

		...	...
		5 to number an effect	
		220-224	Effect 43
		225-229	Effect 44
		230-255	Effect 45
18	Dynamic effect speed	0-126	Forward from fast to slow
		127-128	static
		129-255	Reverse from slow to fast
19	Background red	0-255	The effect background is red for linear dimming from dark to bright
20	Background green	0-255	The effect background is green for linear dimming from dark to light
21	Background blue	0-255	The effect background is blue for linear dimming from dark to bright
22	Background white	0-255	The effect background is white for linear dimming from dark to bright
23	reset	0-26	not have
		27-76	The lamp head reset is valid for 5s
		77-127	The XY reset for 5s is valid
		128-255	All the reset for 5s is valid
24	R1 LED Dimming	0-255	R1 LED Dimming
25	G1 LED Dimming	0-255	G1 LED Dimming
26	B1 LED Dimming	0-255	B1 LED Dimming
27	W1 LED Dimming	0-255	W1 LED Dimming
...	...	......	......
...	...	......	......
96	R19 LED Dimming	0-255	R19 LED Dimming
97	G19 LED Dimming	0-255	G19 LED Dimming
98	B19 LED Dimming	0-255	B19 LED Dimming
99	W19 LED Dimming	0-255	W19 LED Dimming

6. Product maintenance and cleaning

Please note the following points when testing this product:

1.All the screws and parts of the installed products must be tightly connected and do not rust.

2. The shell, lens, fixture and installation site (e. g., ceiling, hanger, truss, etc.) cannot be deformed

3.Mechanical moving parts should not have wear and tear, can not rotate unbalanced.

4. The power cord should not have any damage, material broken skin or scar, etc

The installation and use of the product must be carried out by trained professional and technical personnel, and must ensure that the safety risks are eliminated.

order to maintain the product in good condition and extend the service life, we recommend routine cleaning of the product.

1. Clean the external lens and internal lens of the product every week to prevent the light output of the product from weakening due to the dust of the lens.

2. Clean the fan every week.

3. Every three months, professional electrical engineers will check the product in a detailed circuit, to ensure that the circuit contact is good, to prevent the circuit contact from aging due to overheating.

  We recommend that the products be cleaned regularly. Please be careful not to use damp or linen, or never use alcohol or solvents.

  This product is not equipped with replacement parts, please refer to the "Installation Instructions" section. If users need any spare parts, please purchase them from any local dealer.

REMARK

The product has perfect performance and intergrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren 't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company 's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.