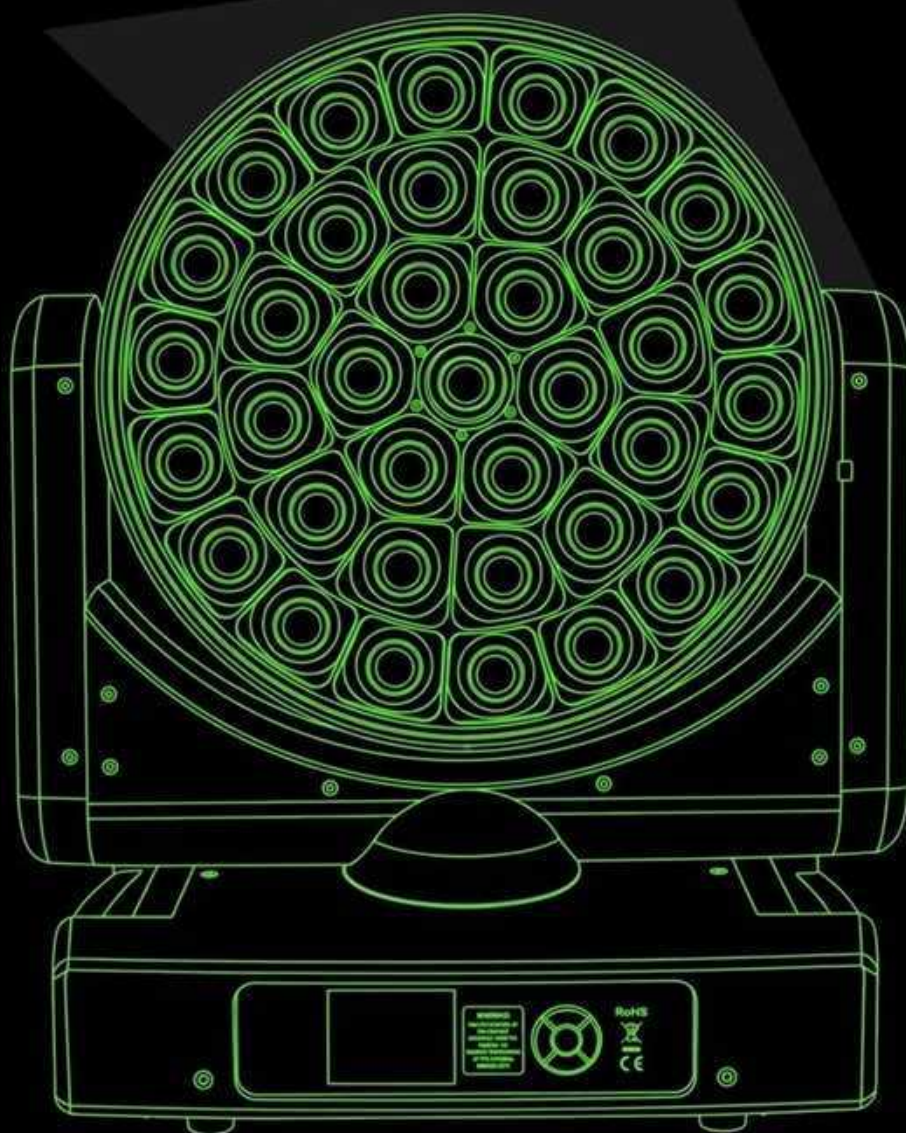
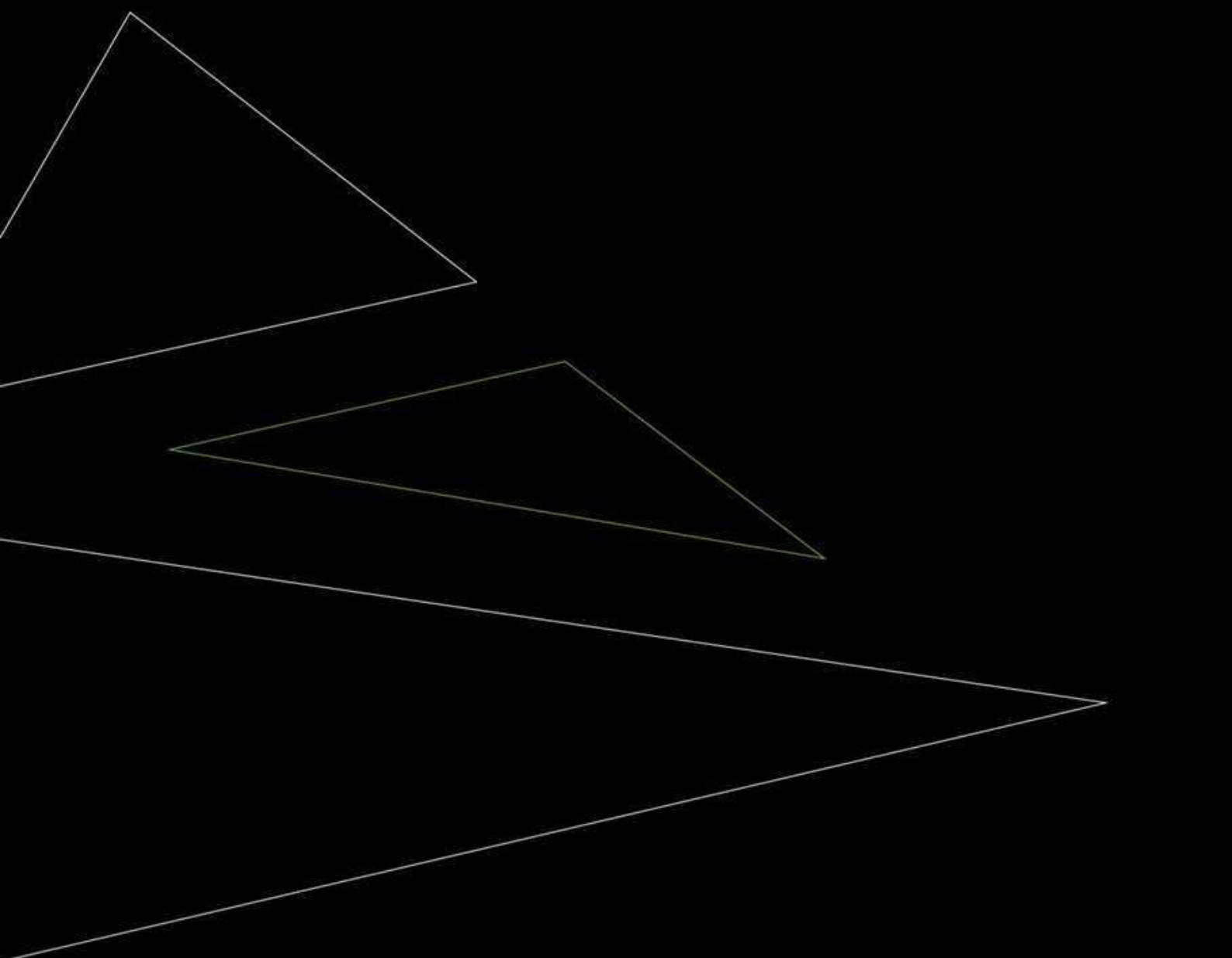




SUPER BEE EYE 25 – 37X40W MH057

USER MANUAL



USER MANUAL

THIS PRODUCT MANUAL CONTAINS IMPORTANT INFORMATION ABOUT THE SAFE INSTALLATION AND USE OF THIS PROJECTOR. PLEASE READ AND FOLLOW THESE INSTRUCTIONS CAREFULLY AND KEEP THIS MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE.

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE USE

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STATEMENT

THE PRODUCT HAS WELL CAPABILITY AND INTACT PACKING WHEN LEAVE FACTORY. ALL OF THE USER SHOULD COMPLY WITH WARNING ITEM AND MANUAL, ANY MISUSE CAUSE OF THE DAMAGES ARE NOT INCLUDED IN OUR GUARANTEE, AND ALSO CAN NOT BE RESPONSIBLE FOR ANY MALFUNCTION & PROBLEM OWING TO IGNORE THE MANUAL.

SAFETY INSTRUCTIONS

01

PLEASE KEEP THIS USER GUIDE FOR FUTURE CONSULTATION. IF YOU SELL THE UNIT TO ANOTHER USER, BE SURE THAT THEY ALSO RECEIVE THIS INSTRUCTION BOOKLET.

UNPACK AND CHECK CAREFULLY THERE IS NO TRANSPORTATION DAMAGE BEFORE USING THE UNIT. BEFORE OPERATING, ENSURE THAT THE VOLTAGE AND FREQUENCY OF POWER SUPPLY MATCH THE POWER REQUIREMENTS OF THE UNIT. IT'S IMPORTANT TO GROUND THE YELLOW/GREEN CONDUCTOR TO EARTH IN ORDER TO AVOID ELECTRIC SHOCK. THE UNIT MUST BE INSTALLED IN A LOCATION WITH ADEQUATE VENTILATION, AT LEAST 50CM FROM ADJACENT SURFACES. BE SURE THAT NO VENTILATION SLOTS ARE BLOCKED. DISCONNECT MAIN POWER BEFORE REPLACEMENT OR SERVICING.

MAKE SURE THERE ARE NO FLAMMABLE MATERIALS CLOSE TO THE UNIT WHILE OPERATING AS IT IS FIRE HAZARD. USE SAFETY CABLE WHEN FIXES THIS UNIT. DO NOT HANDLE THE UNIT BY TAKING ITS HEAD ONLY, BUT ALWAYS BY TAKING ITS BASE. MAXIMUM AMBIENT TEMPERATURE IS TA: 40°C. DO NOT OPERATE IT WHERE THE TEMPERATURE IS HIGHER THAN THIS UNIT SURFACE TEMPERATURE MAY REACH UP TO 85°C. DO NOT TOUCH THE HOUSING BARE-HAND DURING ITS OPERATION. TURN OFF THE POWER AND ALLOW ABOUT 15 MINUTES FOR THE UNIT TO COOL DOWN BEFORE REPLACING OR SERVING.

IN THE EVENT OF SERIOUS OPERATING PROBLEM, STOP USING THE UNIT IMMEDIATELY. NEVER TRY TO REPAIR THE UNIT BY YOURSELF. REPAIRS CARRIED OUT BY UNSKILLED PEOPLE CAN LEAD TO DAMAGE OR MALFUNCTION. PLEASE CONTACT THE NEAREST AUTHORIZED TECHNICAL ASSISTANCE CENTER. ALWAYS USE THE SAME TYPE SPARE PARTS. DO NOT TOUCH ANY WIRE DURING OPERATION AS HIGH VOLTAGE MIGHT BE CAUSING ELECTRIC SHOCK.

WARNING:

TO PREVENT OR REDUCE THE RISK OF ELECTRICAL SHOCK OR FIRE, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE. DO NOT OPEN THE UNIT WITHIN FIVE MINUTES AFTER SWITCHING OFF. THE HOUSING, THE LENSES, OR THE ULTRAVIOLET FILTER MUST BE REPLACED IF THEY ARE VISIBLY DAMAGED.

CAUTION:

THERE ARE NO USER SERVICEABLE PARTS INSIDE THE UNIT. DO NOT OPEN THE HOUSING OR ATTEMPT ANY REPAIRS YOURSELF. IN THE UNLIKELY EVENT YOUR UNIT MAY REQUIRE SERVICE, PLEASE CONTACT YOUR NEAREST DEALER.

INSTALLATION:

THE UNIT SHOULD BE MOUNTED VIA ITS SCREW HOLES ON THE BRACKET. ALWAYS ENSURE THAT THE UNIT IS FIRMLY FIXED TO AVOID VIBRATION AND SLIPPING WHILE OPERATING. AND MAKE SURE THAT THE STRUCTURE TO WHICH YOU ARE ATTACHING THE UNIT IS SECURE AND IS ABLE TO SUPPORT A WEIGHT OF 10 TIMES OF THE UNIT'S WEIGHT. ALSO ALWAYS USE A SAFETY CABLE THAT CAN HOLD 12 TIMES OF THE WEIGHT OF THE UNIT WHEN INSTALLING THE FIXTURE. THE EQUIPMENT MUST BE FIXED BY PROFESSIONALS. AND IT MUST BE FIXED AT A PLACE WHERE IS OUT OF THE TOUCH OF PEOPLE.

TECHNICAL SPECIFICATION

02

POWER VOLTAGE: AC 100-240V, 50/60HZ
POWER CONSUMPTION: 1500W
LIGHT SOURCES: 37PCS MULTI-CHIP OSRAM 4IN1 RGBW 40 WATT LED SOURCES
ZOOM ANGLE: 4-60°
EFFECT : EACH LED CAN BE CONTROL INDIVIDUALLY
LENS: LENS CAN BE INFINITY ROTATION IN BOTH DIRECTIONS
COLOR TEMPERATURE CONTROL: BUILT-IN CTO DMX LINEAR DIMMING
MOVING ANGLE: PAN 540° TILT 270° 16/BIT

CONTROL

DMX CHANNEL: 22CH/36CH/133CH/147CH/170CH CHANNELS
CONTROL MODES: DMX512, AUTO, MASTER-SLAVE, MUSIC

CONSTRUCTION

DISPLAY: 180° REVERSIBLE 1.8 INCH TFT COLORFUL DISPLAY, TOUCH BUTTON
DMX IN/OUT SOCKET: 3-PIN&5-PIN XLR IN/OUT
POWER SOCKET: POWER CON IN/OUT
PROTECTION RATING: IP20

FEATURES

LED SINGLE CONTROL, CAN DISPLAY ARROWS, NUMBERS, LETTERS AND PATTERNS HIGH-EFFICIENCY OPTICAL SYSTEM, WONDERFUL FLOWER EFFECT PLUS ZOOM FAN WORK SPEED AUTO ADJUSTABLE WITH HEAD TEMPERATURE LED TEMPERATURE PROTECTION & FAN RUN SPEED AUTOMATIC BASED ON THE HEAD TEMPERATURE.

SIZE

PRODUCT SIZE: 496*293*590MM

WEIGHT

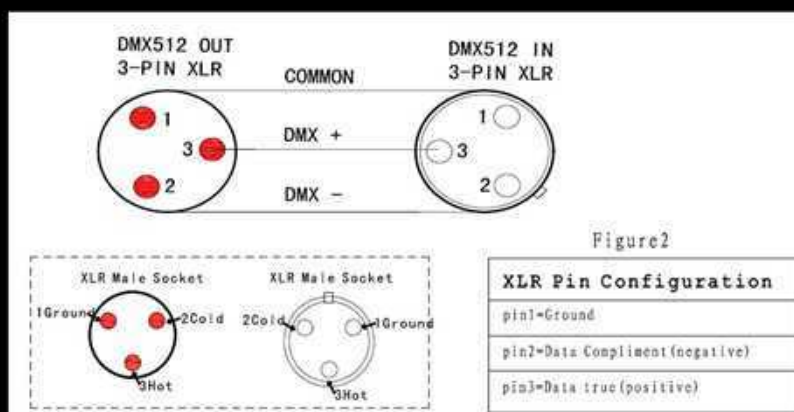
NET WEIGHT: 23KGS

The background is black with several thin, white and green geometric lines. A horizontal white line is on the left. A large white triangle points downwards from the top right. A green triangle points upwards from the bottom right. A vertical white line runs down the center-right. The text is white, and the number '03' has a green outline.

HOW TO CONTROL THE DEVICE

03

THE DMX512 IS WIDELY USED IN INTELLIGENT LIGHTING CONTROL,WITH A DMX 512 CONTROLLER.CONNECT SEVERAL LIGHTS TOGETHER,DMX IN AND DMX OUT, 3 PIN XLR CONNECTORS: PIN 1: GND, PIN 2: NEGATIVE SIGNAL (-), PIN 3: POSITIVE SIGNAL (+)



DISPLAY

DOWN TO GO BACKWARD IN THE SELECTED FUNCTIONS

UP TO GO FORWARD IN THE SELECTED FUNCTIONS

ENTER TO CONFIRM THE SELECTED FUNCTIONS

SET DMX ADDRESS CODE

1. PRESS "MENU" TO "SET DMX ADDRESS",AND PRESS "ENTER" KEYS TO ENTER INTO

2. SHOW "SET DMX ADDRESS DMX ADDRESS:001",PRESS THE "UP AND DOWN" KEYS TO AMENDED

3 PRESS "ENTER" KEYS TO SAVE AND EXIT,PRESS THE "MENU" KEYS DOES NOT SAVE AND EXIT

4 FUNCTIONS SETTING VIA LCD DISPLAY PANEL AS BELOW:

Menu	Secondary menu	Three-level menu/parameters	
Shortcut menu interface	come (or go) back	Return to the main screen	
	Medium/EN	Chinese/English	
	outstanding	Display Interface Flip	
	set up	Entering the Settings screen	
		operating mode	Artnet/DMX/Artnet+DMX/Self-propelled 1/Self-propelled 2/Voice-activated
		channel mode	22ch/36ch/133ch/147ch/170ch
		X-axis default position	000-255
		Y-axis default position	000-255
		X-axis reversal	On/Off
		Y-axis reversal	On/Off
		XY axis exchange	On/Off
		XY axis fast mode	On/Off
			On/Off
	System settings		

Setting interface		Signal Holding	On/Off
		Optocoupler error correction	On/Off
		Hall's error correction (physics)	On/Off
		Fast dimming	On/Off
		Backlighting time	15 sec/30 sec/60 sec/normal light
		Dimming Curve	Curves 1-4
		Lighting Mode	Off/750W/1000W/1200W/2000 W/2500W
		Restore Factory Settings	Confirmation/Cancellation
			Increase, decrease, determination
			Increase, decrease
	Mnual mode	Manual control of channel values	000-255
	System Calibration	enter a password	Lamp Calibration
	High level	Return to previous level	Display specific information content
		Network (IP/MS) Packets	Increase, decrease, determination
		(Net(0-127))/Sub_Uni	Increase, decrease
		Lamp head reset	

		XY Reset	
		Full reset	
	System Information	reset message	Display specific information content
		DMX Data Detection	Display of specific DMX tests
		Sensor Information	Displays photocoupler and Hall specific information
		hardware version	Display hardware version number
		software version	Show software version number

- AUTO SCREEN ROTATION FUNCTION

THE SYSTEM CAN AUTOMATICALLY ROTATE THE SCREEN ACCORDING TO THE DIRECTION OF GRAVITY, ELIMINATING THE NEED FOR MANUAL ROTATION. THE AUTO-ROTATE FUNCTION CAN ALSO BE TURNED OFF.

- MANUAL CONTROL

THIS SCREEN IS USED TO CONTROL THE CURRENT FIXTURE, AS DESCRIBED IN THE CHANNEL TABLE. PRESS "OK" TO ENTER THE EDITING STATE. PRESS "UP" OR "DOWN" KEY TO CHANGE THE CHANNEL VALUE. PRESS "OK" AGAIN TO SAVE THE MODIFIED VALUE AND EXIT THE EDITING; PRESS "EXIT" TO EXIT THE EDITING DIRECTLY WITHOUT SAVING THE MODIFIED VALUE.

- SYSTEM CALIBRATION

A LAYER OF PASSWORD IS SET HERE TO PREVENT MISUSE BY NON-PROFESSIONALS. PRESS OK TO VERIFY THE PASSWORD.

Options (as in computer software settings)	Clarification
Initial position calibration	After entering the sub-interface, you can adjust the reset position of the motors of X-axis, Y-axis, focusing and rotating to make up for the error in hardware installation, the adjustment range is 0~255, 127 means no adjustment.
White balance calibration	Adjustable lamp and LED1-37 red, green, blue and white power, adjustment range 0~255, 255 means no adjustment.
power calibration	Adjustable whole lamp maximum power, adjustment range 0~255, 255 means no adjustment.
voice-activated sensitivity	Adjusts the acoustic sensitivity.
modify a password	Set the system calibration password.

➤ **high level**

Press "Up" and "Down" to switch the reset mode, and press "OK" to reset directly.

Options (as in computer software settings)	Clarification
Network (IP/MS)	Increase, decrease, determination
Packets (Net(0-127))/Sub_Uni	Increase, decrease
Lamp head reset	Focus, rotary motor reset
XY Reset	XY axis reset
Full reset	Lamp reset

System Information

Options (as in computer software settings)	Clarification
Reset error message	If the red ERR indicator glows, the fixture is operating in

		error: 1) IC1 communication failure (motor and display board communication failure) 2) X/Y optocoupler error 3) Focus and rotation reset failure
DMX Data Monitoring		This leads to a sub-screen that displays the channel values numerically for viewing, with the ability to page through them.
Sensor Information		1) Hall: X X X X X  2) Sensors: X, Y photocoupler: <u>XXXX--XXXX</u> 
Hardware number	version	Lamp Hardware Information <u>XX.</u> <u>XX.</u> <u>XX.</u> ↓ ↓ ↓ Display board version . Motor version . Lamp board version
Software number	version	Luminaire Software Version <u>XX.</u> <u>XX.</u> <u>XX.</u> ↓ ↓ ↓ Display board version . Motor version . Lamp board version

DMX CHANNEL TABLE

04

22CH	130CH 22+RGB	170CH 22+RGB W	Function	Value	Description
1	1	1	Red (color)	0-255	Red color dims linearly from dark to light
2	2	2	Red fine	0-255	Linear fine-tuning of the red color from dark to light
3	3	3	Green	0-255	Linear dimming of green from dark to light
4	4	4	Green fine	0-255	Linear fine-tuning of green from dark to light
5	5	5	Blue (color)	0-255	Blue color dims linearly from dark to bright
6	6	6	Blue fine	0-255	Blue color is linearly fine-tuned from dark to light
7	7	7	White (color)	0-255	White color dims linearly from dark to bright
8	8	8	White fine	0-255	Linear fine-tuning of white from dark to light
9	9	9	Color temperat ure	0-255	Linear color temperature adjustment
10	10	10	Built-in color	0-255	Built-in color gradient
11	11	11	Strobe	0-3	lights out
				4-103	Synchronized strobe rate from slow to fast (1HZ-25HZ)
				104-107	light up
				108-207	Tied strobe speed from slow to fast (1HZ-25HZ)
				208-212	light up
				213-225	Low-speed random strobe

				226-238	Medium-speed random strobe
				239-251 252-255	High-speed random strobe
					light up
					Mode 3 100-149
					Mode 4 150-255
12	12	12	Total Dimming	0-255	Linear dimming from dark to light
13	13	13	Dimming Fine	0-255	Dimming trim control
14	14	14	X-axis	0-255	0-540 degrees
15	15	15	X-axis fine	0-255	16bit adjustable
16	16	16	Y-axis	0-255	0-205 degrees
17	17	17	Y-axis fine	0-255	16bit adjustable
18	18	18	Function	0-255	Reserve
19	19	19	Reset	0-25	None
				26-76	Fead reset after 5s
				77-127	XY reset after 5s
				128-255	All reset after 5s
20	20	20	Zoom	0-255	Linear adjustment of angle from small to large
21	21	21	Rotation	0-127	0 to 60 degrees
				128-188	Counterclockwise from fast to slow infinitely rotating
				189-193	rotation stop
				194-255	Clockwise from slow to fast stepless rotation
22	22	22	Frequency	0-31	1K frequency
				32-63	1.5K frequency
				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	23	R1 LED dimming	0-255	R1 LED dimming
/	24	24	G1 LED dimming	0-255	G1 LED Dimming
/	25	25	B1 LED Dimming	0-255	B1 LED Dimming
/	/	26	W1 LED Dimming	0-255	W1 LED dimming
/	...	...	...	...	
/	131	167	R37 LED Dimming	0-255	R37 LED Dimming
/	132	168	G37 LED Dimming	0-255	G37 LED Dimming
/	133	169	B37 LED Dimming	0-255	B37 LED Dimming
/	/	170	W37 LED Dimming	0-255	W37 LED Dimming

DMX 512 35CH/147CH/

35CH	147CH 35+RGB	Function	Value	Description
1	1	Red (color)	0-255	Red color dims linearly from dark to light
2	2	Red fine	0-255	Linear fine-tuning of the red color from dark to light
3	3	Green	0-255	Linear dimming of green from dark to light
4	4	Green fine	0-255	Linear fine-tuning of green from dark to light
5	5	Blue (color)	0-255	Blue color dims linearly from dark to bright

6	6	Blue fine	0-255	Blue color is linearly fine-tuned from dark to light
7	7	White	0-255	White color dims linearly from dark to bright
8	8	White Fine	0-255	Linear fine-tuning of white from dark to light
9	9	Color temperature	0-255	Linear color temperature adjustment
10	10	Built-in color	0-255	Built-in color gradient
11	11	Strobe	0-3	lights out
			4-103	Synchronized strobe rate from slow to fast (1HZ-25HZ)
			104-107	light up
			108-207	Tied strobe speed from slow to fast (1HZ-25HZ)
			208-212	light up
			213-225	Low-speed random strobe
			226-238	Medium-speed random strobe
			239-251 252-255	High-speed random strobe
				light up
				Mode 3 100-149
				Mode 4 150-255
12	12	Total Dimming	0-255	Linear dimming from dark to light
13	13	Dimming Fine	0-255	Dimming trim control
14	14	X-axis	0-255	0-540 degrees
15	15	X-axis fine	0-255	16bit adjustable
16	16	Y-axis	0-255	0-205 degrees
17	17	Y-axis fine	0-255	16bit adjustable
18	18	Function	0-255	Reserve
19	19	Reset	0-25	None
			26-76	Fead reset after 5s

			77-127	XY reset after 5s
			128-255	All reset after 5s
20	20	Zoom	0-255	Linear adjustment of angle from small to large
21	21	Rotation	0-127	0 to 60 degrees
			128-188	Counterclockwise from fast to slow infinitely rotating
			189-193	rotation stop
			194-255	Clockwise from slow to fast stepless rotation
22	22	Dynamic Effects (with effect colors)	0-7	not have
			8	Static effect 1
			9	Static effect 2
			10	Static effect 3
			11	None
			12	Static effect 4
			13	Static effect 5
			14	None
			15	Dynamic effect 1
			16	Dynamic effect 2
			17	Dynamic effect 3
			18	Dynamic effect 4
			19	Single color random
			20	Full Color Random
			21	Rainbow effect 1
			22	Rainbow Effect 2
			23	Dynamic Effects 5
			24	Dynamic effect 6
			25	Dynamic effect 7
			26	Dynamic Effect 8
			27	Dynamic effect 9
			28	Dynamic effect 10
			29	Dynamic Effects 11
			30	Dynamic effects12

			31	Dynamic effect 13
			32	Dynamic Effects 14
			33	None
			34	None
			35	Dynamic Effects 15
			36	Dynamic Effects 16
			37	Dynamic effect 17
			38	Dynamic Effects 18
			39	Dynamic effect 19
			40	Dynamic Effects 20
			41	None
			42	Dynamic Effects 21
			43	None
			44	Dynamic effect 22
			45	Dynamic Effects 23
			46	Dynamic Effects 24
			47	Dynamic Effects 25
			48	Dynamic Effects 26
			49	Dynamic Effects 27
			50	Dynamic Effects 28
			51	Dynamic Effects 29
			52	Dynamic Effects 30
			53	Dynamic Effects 31
			54	Dynamic Effects 32
			55	Dynamic Effects 33
			56	Dynamic Effects 34
			57	Dynamic Effects 35
			58	Dynamic Effects 36
			59	Dynamic Effects 37
			60	Dynamic Effects 38
			61	Random location 1

			62	Random location 2
			63	Random location 3
			64	None
			65	Random location 4
			66	Random location 5
			67	Dynamic Effects 39
			68	Dynamic Effects 40
			69	None
			70	Dynamic Effects 41
			71-255	None
23	23	Dynamic effect speed	0-63	Effect Static
			64-158	Forward from fast to slow
			159-160	Stop
			161-255	Reverse slow to fast
24	24	Effect dilution	0-255	Dynamic effect dilution
25	25	Effect Red	0-255	Dynamic Effect Red
26	26	Effect Green	0-255	Dynamic Effects Green
27	27	Effect Blue	0-255	Dynamic Effects Blue
28	28	Effect White	0-255	Dynamic effect white
29	29	Effect Dimmer	0-255	Pattern 0-100% dimming
30	30	Background dimmer	0-255	Background 0-100% dimming
31	31	Effect Transition	0-255	Pattern change control
32	32	Effect Offset	0-255	Dynamic effects panning
33	33	Foreground	0-255	Foreground strobe (same as 11 channels)

		d strobe		
34	34	background strobe	0-255	Background strobe (same as 11 channels)
35	35	Background Selection	0-255	Background Selection
36	36	Frequency	0-31	1K frequency
			32-63	1.5K frequency
			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	R1 LED dimming	0-255	R1 LED dimming
/	38	G1 LED dimming	0-255	G1 LED Dimming
/	39	B1 LED Dimming	0-255	B1 LED Dimming
/	...	...	...	
/	145	R37 LED Dimming	0-255	R37 LED Dimming
/	146	G37 LED Dimming	0-255	G37 LED Dimming
/	147	B37 LED Dimming	0-255	B37 LED Dimming

TROUBLE SHOOTING

FOLLOWING ARE A FEW COMMON PROBLEMS THAT MAY OCCUR DURING OPERATION. HERE ARE SOME SUGGESTIONS FOR EASY TROUBLESHOOTING:

A. THE UNIT DOES NOT WORK, NO LIGHT AND THE FAN DOES NOT WORK

1. CHECK THE CONNECTION OF POWER AND MAIN FUSE.
2. MEASURE THE MAINS VOLTAGE ON THE MAIN CONNECTOR.
3. CHECK THE POWER ON LED.

B. NOT RESPONDING TO DMX CONTROLLER

1. DMX LED SHOULD BE ON. IF NOT, CHECK DMX CONNECTORS, CABLES TO SEE LINK PROPERLY.
2. IF THE DMX LED IS ON AND NO RESPONSE TO THE CHANNEL, CHECK THE ADDRESS SETTINGS AND DMX POLARITY.
3. IF YOU HAVE INTERMITTENT DMX SIGNAL PROBLEMS, CHECK THE PINS ON CONNECTORS OR ON PCB OF THE UNIT OR THE PREVIOUS ONE.
4. TRY TO USE ANOTHER DMX CONTROLLER.
5. CHECK IF THE DMX CABLES RUN NEAR OR RUN ALONGSIDE TO HIGH VOLTAGE CABLES THAT MAY CAUSE DAMAGE OR INTERFERENCE TO DMX INTERFACE CIRCUIT.

FIXTURE CLEANING

THE CLEANING OF INTERNAL AND EXTERNAL OPTICAL LENSES AND/OR MIRRORS MUST BE CARRIED OUT PERIODICALLY TO OPTIMIZE LIGHT OUTPUT. CLEANING FREQUENCY DEPENDS ON THE ENVIRONMENT IN WHICH THE FIXTURE OPERATES: DAMP, SMOKY OR PARTICULARLY DIRTY SURROUNDING CAN CAUSE GREATER ACCUMULATION OF DIRT ON THE UNIT'S OPTICS.

- ▣ **CLEAN WITH SOFT CLOTH USING NORMAL GLASS CLEANING FLUID.**
- ▣ **ALWAYS DRY THE PARTS CAREFULLY.**
- ▣ **CLEAN THE EXTERNAL OPTICS AT LEAST EVERY 20 DAYS. CLEAN THE INTERNAL OPTICS AT LEAST EVERY 30/60 DAYS.**