Contents

Declaration

This product has passed the final check for both functionalities and package when delivered from the factory. All users should observe the instructions and pay attentions to the warnings covered by this manual. Unreasonable damages resulting from unintended operations or not heeding instructions covered by this manual will void the warranty. Specifications in this manual intend for reference only, the fixture delivered takes the priority. Any future modifi-cation pertaining to content of this manual, there will be no particular notifications. FINE ART reserves all .

To obtain the latest information about software update, hardware and other files, please visit FINE ART online website.

1.Safety information

The following symbols are used to identify important safety information on the product and in this manual:

DANGER!
Hazardous voltage.
Risk of severe or lethal electric shock.

DANGER!
Safety hazard.
Risk of severe injury or death.

DANGER!
Refer to manual before installing, powering or servicing.

Warning!
Fire hazard.

Warning!
Burn hazard.
Hot surface.
Do not touch.

Warning!
Risk of eye injury.
Safety glasses must be worn.

Warning!
Risk of hand injury.
Safety gloves must be worn.

For indoor use only

Do not direct lens to sun ray or strong light!

Do not actuate during operation

Replace any cracked protective shield

Minimum distance from lighted objects (metres)

Rated maximum ambient temperature

WARNING!
Read the safety precautions in this section before installing, powering, operating or servicing this product.

After receiving the fixture, please unpack and check if there is any damage due to transportation. If any obvious damage or flaw is found, do not put it into use and contact the distributor or manufacturer as soon as possible.

This fixture is intended for professional use only.
When operating the fixture, attentions should be drawn to fire/electric-shock hazards and lethal injuries caused by fall.

Read this User Mannual before mounting and ennergizing the fixture.
Observe the safety guideline and notice the warnings both in this User Mannual and on the fixture.
Yet any safety concerns not covered hereby, contact the distributor or service hot-line.

Protection against over heat
The fixture is suitable for indoor environment;
its protection rating is IP20.
The fixture should be kept dry and avoid working in presence of moisture, over-heat or heavy smokes.

The natural working temperature should be lower than 40 degrees. If the ambient temperature exceeds 40 degrees, please stop operating the unit immediately.
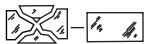
Protection against explosion

Protection screen must be replaced if they have become visible dama-
ged to such an extent that their effectiveness is impaired.

Protection against injury due to falls

To inspect that the structure and the truss hooks are in good condition
and can bear about 10 times the weight of the fixture.
Ensure the cover and all riggings are securely fastened, safety wire is
necessary to use as a secondary attachment.
Block access below the working area and work from a stable platform
while installing, servicing or moving the fixture.

Protection against electrical shock

All connections or maintenances must be performed by a qualified
person with technical certificate.
Make sure that the mains power supply you use is up to local construc-
tion and electronic code regulation, the over-load protection reliable
earthing is essential.
Each fixture must be grounded correctly, and be installed according to
related regulation.
Disconnect the fixture from mains supply before replacing any fuse.
Avoid using the fixture in damp environment.

Protection against burning or fire

Do not attempt to bypass the thermostat switch or fuse.
Replace defective fuses with specified ratings only.
Keep flammable materials far away from the fixture. Minimum distance
from the flammable materials is 0.5m.
Under the steady working state, the max temperature of exterior surface
of this fixture is 60℃ , Please don't touch the moving
head during movement.
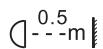
The minimum distance between the fixture and the lighted objects is
0.5m.
Ensure a minimun clearance of 0.1m around the cooling fans and ve-
rtilations

Do not place any filter or other object onto the optical lens.
Do not revise the fixture or install any parts not from GUANGZHOU
CHAIYI LIGHT CO.,LTD.

2.Product introduction

2.1 Fixture profile dimension

●Front view

291mm

391mm

● Side view

136mm

152mm
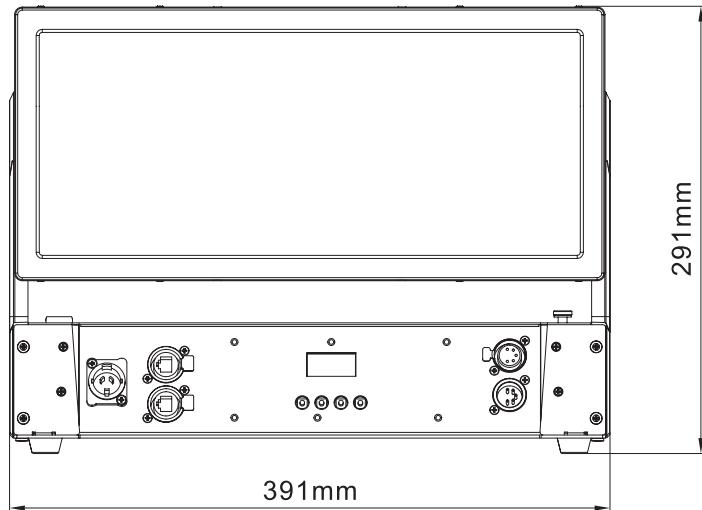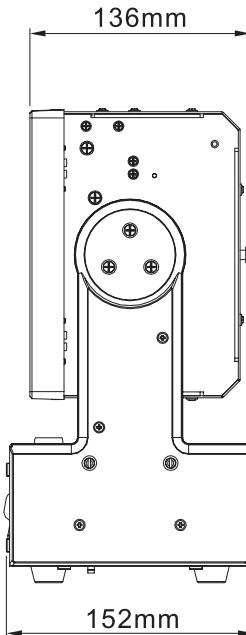
2.2 Fixture introduction

body cover
assembly

left arm
assembly

display
assembly

(2. 2-1) Front view

back cover
assembly

right arm
assembly

base assembly
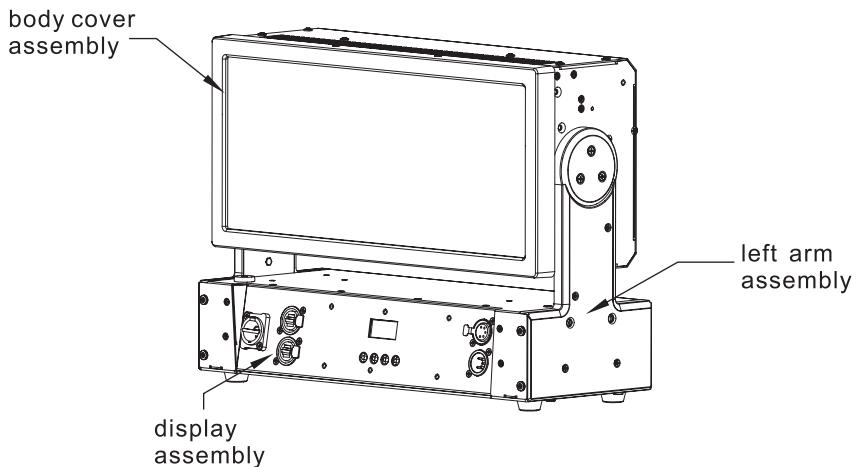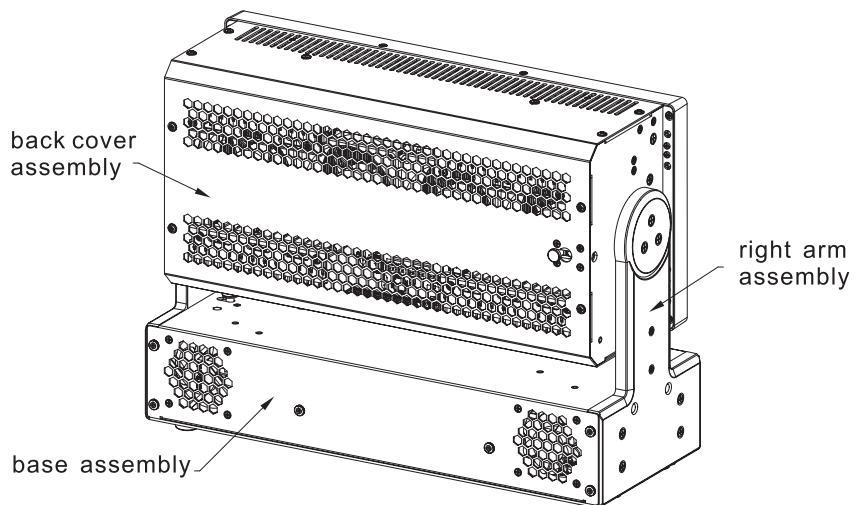
(2. 2-2)back view

The two fixtures can be connected together by pressing the movable push-board component on the base, shown as Fig 2.2-3:

Splicing lock
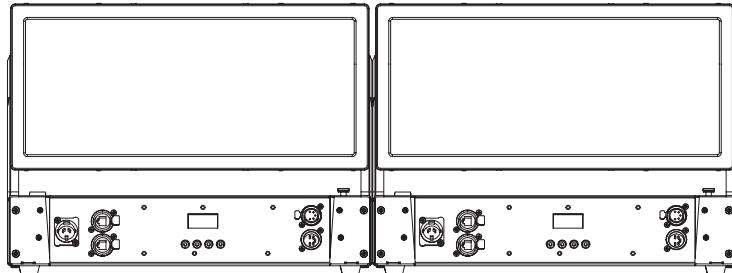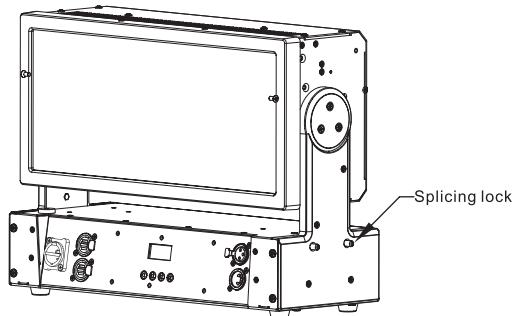
(2. 2-3)

Tilt-axis is equipped with a protective lock for the convenience of transportation, shown as Fig 2.2-4:
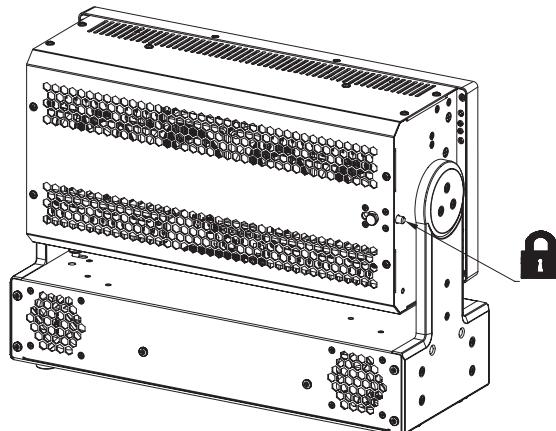
(2. 2-4)

3. Package & delivery

The fixture is packed with flight case. One single standard flight case carries four fixtures. Included items listed below.

Accessories	QTY	UNIT
clamp module	2	PCS
fuse	2	PCS
safety rope	1	PCS
signal wire	1	PCS
User manual	1	PCS
Warranty card	1	PCS

4. Installation

User must be termly check the fixture and its install materials, if you are non-qualified to check that, please contact the professional person. Wrong installation will result in fatal hazard.

The fixture working ambient temperature are between -10℃-40℃, When ambient temperature over the range, don't operate the fixture. When the fixture are in insta-llation, teardown, remove or servicing, don't stand under the fixture. Operator must be insure the fixture are safely connected. The input power supply must match the specific type demanded by the fixture. Make sure the installation check annually by professional person.The fixture of light source shall be replaced by the manufacturer or service agent or someone with similar qualifications.

Hang on the truss with clamps, please add one safety rope after the fixture is hung on the truss
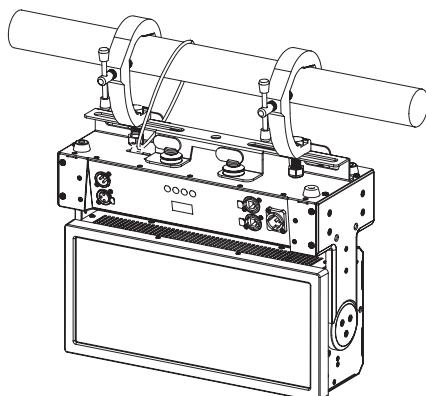
5. Data link

Note: The signal cable is type X connection.

Type X connection—if the external flexible cable or cord of this fixture is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or his service agent.

3-pin XLR or 5-pin XLR connecters are provided for fixture DMX input and output.
Pin 1 is for minus signals, pin 2 is for plus signals, and pin 3 is for earthing.
To prevent and absorb the reflection and interference of the signals, each data link must be ended by a respective terminator.

shielded area   shielded area

DMX512 stadard

1	white	signal+
2	red	sigle-
3	(shielded line)	GND/0V

red   white white   red

Male   Female
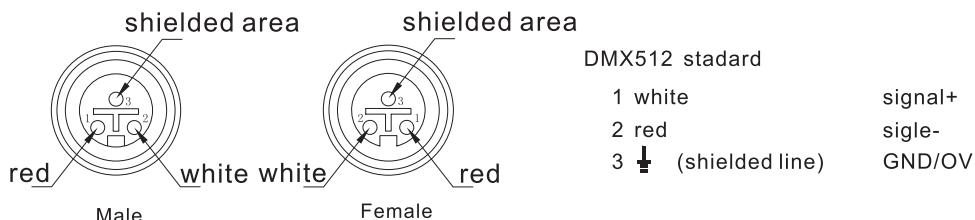
Connect the 3-pin or 5-pin output of a lighting controller to the 3-pin or 5-pin input of a first fixture on the link, then connect the 3-pin or 5-pin output of the said first fixture to the 3-pin or 5-pin input of a second fixture. Similarly, repeat the above connection step and end the data link with a plug-in terminator. Shown as Fig. 5.1-1 below.

If long-distance data transfer occurs, a DMX512 signal amplifier is necessary.
The added amplifier is inserted between the lighting controller and the first fixture on the basis of a normal data link.

output   Output

Input   Input

controller   Terminator
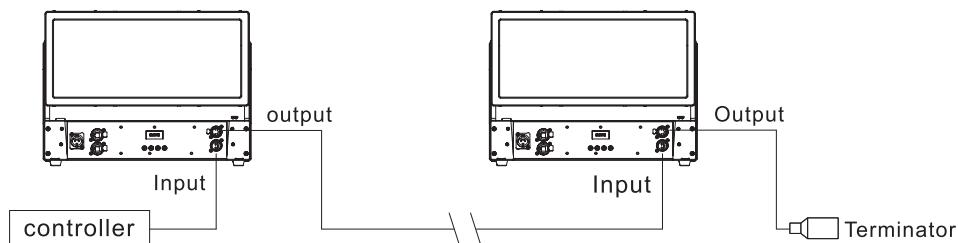
Notice:
1. No more than one signal input or output can occur in one fixture.
2. Don't split a data link via output ports on the fixture, use a DMX512 signal amplifier instead, if necessary.
3. Use only shielded-pair cables, and standard microphone cable is not reliable for long-distance data transfer.

RJ45 Connection

Note : The signal cable is type RJ45 connection

RJ45 connector is provided for fixture RJ45 input and output. The RJ45 socket uses a standard 568A network cable connection. That supports 10M/100M/1000M data connection. The built-in switch can adapt to speed.

RJ45 socket
Terminator

Connect the RJ45 connector of a lighting controller to the RJ45 connector of a first fixture on the link, then connect the RJ45 connector of the first fixture to the second fixture . Similarly, repeat the above connection steps and end the data link with a plug-in terminator. Shown as Fig.5.1-1 below.
If long-distance data transfer occurs, a network switch is necessary. The added network switch is inserted between the lighting controller and the first fixture on the basis of a normal data link.

controller   Input   Output   Input   Output   Terminator

(5.1-1)
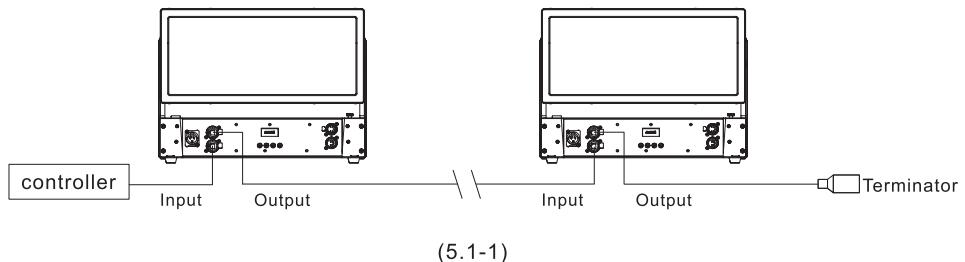
Notice:
1. No more than one signal input or output can occur in one fixture.
2. Don't split a data link via output ports on the fixture, use a network switch instead, if necessary.
3. Please use the CAT5/CAT6 network cable. The length of the network cable should not exceed 100m.

6. Power Connection

Notice:Type Y attachment for power supply connection.

Method of attachment of the cable or cord such that any replacement can only be made by the manu-facturer, his service agent or similarly qualified person.

The person must have the relevant qualification to connect the power supply.The AC power voltage shall be suitable to the fixture provided with over-loading or creepage protection.
Connecting the equipment to the power supply, do not connect to silicon boxsystem, or else, it will destroy the equipment. The fixture is provided with standard 3-pin socket. Please according to table 6.1-1 connect to power supply, Yellow/green line must be earthed. If you still have any question to the installation, please consult with the experienced electrician.

Color	Wire	Mark
Brown	Live	L
Blue	Neutral	N
Yellow/Green	Earth	⏚

table 6.1-1

7.Control Panel

7.1 Control Panel Introduction

(7.1-1)
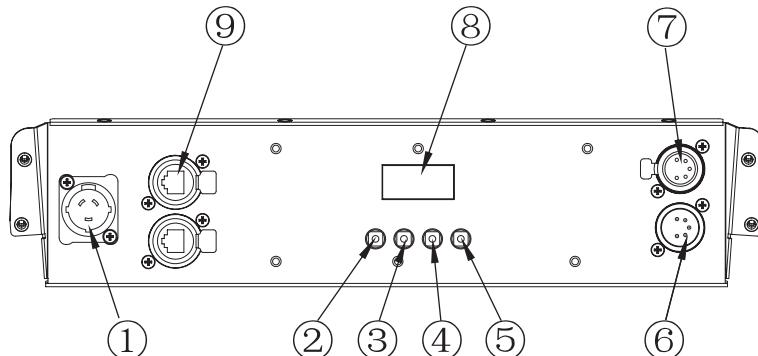
1. Power in	2. Menu	3. Enter
4. Up	5. Down	6. DMX in
7. Dmx out	8. Display	9. Ethernet input/output

7.2 Display panel operational function detail

FirstLevel	SecondLevel	ThirdLevel	Option/Value	Default	Description
Address	DMX Addr		1-512	1	DMX Address
	Ch Mode		Stand 23/RGB 138/SIMP 16/RGB8+130/PixDim 61/ PixTen 48	Stand 23	Channel Mode
	RecvMode		Auto/DMX/ArtNet	Auto	1.Auto: The device selects signal source automatically; 2.DMX: The device only receive DMX Signal; 3.ArtNet:The device only receive ArtNet Signal;
	Net Setting	Net2Dmx	OFF/ON	OFF	ON:The device only receive ArtNet Signal which convert to the DMX signal.
		Net	0-127	0	ArtNet4 Net
		Sub-Net	0-15	0	ArtNet4 Sub-Net
		Universe	0-15	0	ArtNet4 Universe
		ArtNetAddr	1-512	1	ArtNet Address
		IPAddrA	0-255	2	IPAddress A
		IPAddrB	0-255	168	IPAddress B
		IPAddrC	0-255	0	IPAddress C
		IPAddrD	0-255	2	IPAddress D
		MaskA	0-255	255	MaskA
		MaskB	0-255	0	MaskB
		MaskC	0-255	0	MaskC
		MaskD	0-255	0	MaskD
Option	PowerMode		Power/Stand/Theater	Stand	It is maximum power and noise when the value is Power; It is 85% power and lower noise when the value is Stand; It is 70% power and lowest noise when the value is Theater;
	SpdLevel		High/Mid/Low	High	Speed Level.The function TBD.
	SmoothLev		Lev0/Lev1/Lev2	Lev0	SmoothLevel.The function TBD.
	PosFeedback		ON/OFF	ON	Position Feedback
	DimmCurve		Default/Power2/Power3/S/Linear	Default	
	DimmFreq		1.2K/6K/12K	1.2K	Dimmer freqency
	TiltReverse		OFF/ON	OFF	Tilt Reverse
	PixelReverse		OFF/ON	OFF	LED Pixel Reverse
Advance	CheckCode	Code1	0-255		
		Code2	0-255		
		Code3	0-255		
		Code4	0-255		
	OffsetAdj		To Adjust motor calibration		
	Language		CHS/ENG	CHS	Language
	BKLgtTime		30Sec/60Sec/ON	30Sec	Display Screen Background Lighting time
	Brightness		0-255	255	reserve
	BKWarn		ON/OFF	ON	Display Screen Background Lighting warning
	DispRev		Action	Action	Display Screen Reverse
	Config1		Load/Save	Load	User Config1 Load/Save
	Config2		Load/Save	Load	User Config2 Load/Save
Manual	ChannCtrl		Channel Function Manual Ctrl		
	Reset				Reset
Info	Fixture				Device short name
	DispB Ver		Version of display board		
	DispB Temp		Temperation of display board		
	MainB Ver		Version of main board		
	MainB Temp		Temperation of main board		
	ManuID		05EF		Manufactory ID
	DeviceID		05EFxxxxxx		Device ID
	ErrorInfo		Error Information		
	DMX VAL		DMX Channel Values		

Shortcut:

1. When the lighting is off, pressing the menu button a 2-3S to activate the battery.
2. Pressing the menu button and down button together to reverse the screen display.
3. At the main interface, press the up button to enter the address setting, and press the down button to enter the manual control.
4. Screen flashing indicates no signal input or error. This function can be closed in backlight warning.

8. Technical Feature

■OPTICAL SYSTEM

White Light Source: 10W x 180 pcs LEDs, 6500k
Color Light Source: 0.2W x 1000 pcs LEDs, RGB three in one
Light source life ≥ 50000 hours
The initial luminous flux and efficiency: 58898 lm, 61.28 lm/W

■EFFECT EQUIPMENT

The flash part in the middle of fixture head is divided into 10 sections, each section can be controlled independently, while running water flash beam effect can be achieved. And the two sides are both backlight parts which is divided into 40 sections, each section can be controlled independently, and can be used as a pixel embellishment effect.
All optical domain dimming, 65536 grades dimming accuracy, high light output.
Fast strobe 1-25 Hz
Color macro and color gradual change effects
94 kinds of color and 21 kinds of white built-in effects

■MOVEMENT PARAMETER

Tilt 182°, Precision 0.94°/Step, Precision Fine=0.0037°

■CONTROL AND PROGRAMMING

Control Channel: Stand 23/RGB 138/SIMP 16/RGB8+130
Protocol: Standard DMX512, ArtNet, sACN
DMX Signal Connection: 3-pin/5-pin XLR input/output for option, RJ45 input/output(built in switch)
Menu display: 1.3 inches OLED display, resolution ratio: 128 x 64;
Chinese and English languages can be switched freely; menu available to display 180°reversely;
Key operation

■ELECTRONIC CONTROL TECHNOLOGY

Fixture reset by menu or console controlling
0-100% dimmer
Setting of dimming curve
Constant current drive mode

Temperature sensor detection, intelligent adjustment for light source power
DMX channel level monitoring
Fixture information query
Intelligent fan adjustment
RDM data bidirectional transmission
Built in charging LiMH battery, then the menu can be edited without power

■ELECTRIC

100-240V~   50/60Hz
Input Power: 1250W
PF≥0.98

■WORKING TEMPERATURE

Temperature: -10℃~40℃
Humidity: 5%-95%

■DIMENSION AND WEIGHT

Fixture Dimension:
391mm ×152mm×291mm
Package Dimension:
1100mm ×600mm×495mm (flight case)
450mm×280mm×500mm (carton)
Net Weight: 11 kg
Gross Weight: 21kg

■PACKAGE

4pcs /flight case
1pc /carton

■INSTALLMENT

Direction: any
Hanging: standard handing
Safety: safety rope

■IP RATE

IP20

9. Control Channel

Standard 23 mode

ID	Specific	Value	Function
1	Tilt	0->255	Tilt
2	Tilt Fine	0->255	Tilt Fine
3	Dimmer	0->255	Dimmer
4	Dimmer Fine	0->255	Dimmer Fine
5	White	0->255	White
6	White Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	White Strobe
7	WhiteShapeSel	0->7 None 8->9 WhiteEff1 10->11 WhiteEff2 12->13 WhiteEff3 14->15 WhiteEff4 16->17 WhiteEff5 18->19 WhiteEff6 20->21 WhiteEff7 22->23 WhiteEff8 24->25 WhiteEff9 26->27 WhiteEff10 28->29 WhiteEff11 30->31 WhiteEff12 32->33 WhiteEff13 34->35 WhiteEff14 36->37 WhiteEff15 38->39 WhiteEff16 40->41 WhiteEff17 42->43 WhiteEff18 44->45 WhiteEff19 46->47 WhiteEff20 48->49 WhiteEff21 50->255 All White Shape Show	White Shape Effect Select
8	WhiteShape Offset	0->15 Shape Forward Moving 16->31 Shape Backward Moving 32->47 Shape Bounce Moving 48->159 Reserve 160->255 static sub Shape (This Function will be effective when it has many sub Shape)	White Shape offset
9	WhiteShapeSpd	0->7 Static Shape 8->255 Shape Speed, From slow to fast(3s->0s).	White Shape Speed
10	WhiteShape Trans	0->3 Fade In Fade Out 4->7 Fade In 8->11 Fade Out 12->15 None 16-255 Shadow(0s->8s)	White Shape transition
11	Color Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 开(Dimmer Fade ON)	Color Strobe
12	Red	0->255	Red
13	Green	0->255	Green
14	Blue	0->255	Blue
15	Reserve	0->255	Reserve
16	ColorMacro	0->2 Close 3->9 7 RainBow Effects 10->255 Color Macro	Color Macro

17	ColorShapeSel	0->7 None　　　　　8->9 ColorEff1　　　10->11 ColorEff2 12->13 ColorEff3　　　14->15 ColorEff4　　16->17 ColorEff5 18->19 ColorEff6　　　20->21 ColorEff7　　22->23 ColorEff8 24->25 ColorEff9　　　26->27 ColorEff10　　28->29 ColorEff11 30->31 ColorEff12　　32->33 ColorEff13　　34->35 ColorEff14 36->37 ColorEff15　　38->39 ColorEff16　　40->41 ColorEff17 42->43 ColorEff18　　44->45 ColorEff19　　46->47 ColorEff20 48->49 ColorEff21　　50->51 ColorEff22　　52->53 ColorEff23 54->55 ColorEff24　　56->57 ColorEff25　　58->59 ColorEff26 60->61 ColorEff27　　62->63 ColorEff28　　64->65 ColorEff29 66->67 ColorEff30　　68->69 ColorEff31　　70->71 ColorEff32 72->73 ColorEff33　　74->75 ColorEff34　　76->77 ColorEff35 78->79 ColorEff36　　80->81 ColorEff37　　82->83 ColorEff38 84->85 ColorEff39　　86->87 ColorEff40　　88->89 ColorEff41 90->91 ColorEff42　　92->93 ColorEff43　　94->95 ColorEff44 96->97 ColorEff45　　98->99 ColorEff46　　100->101 ColorEff47 102->103 ColorEff48　104->105 ColorEff49　106->107 ColorEff50 108->109 ColorEff51　110->111 ColorEff52　112->113 ColorEff53 114->115 ColorEff54　116->117 ColorEff55　118->119 ColorEff56 120->121 ColorEff57　122->123 ColorEff58　124->125 ColorEff59 126->127 ColorEff60　128->129 ColorEff61　130->131 ColorEff62 132->133 ColorEff63　134->135 ColorEff64　136->137 ColorEff65 138->139 ColorEff66　140->141 ColorEff67　142->143 ColorEff68 144->145 ColorEff69　146->147 ColorEff70　148->149 ColorEff71 150->151 ColorEff72　152->153 ColorEff73　154->155 ColorEff74 156->157 ColorEff75　158->159 ColorEff76　160->161 ColorEff77 162->163 ColorEff78　164->165 ColorEff79　166->167 ColorEff80 168->169 ColorEff81　170->171 ColorEff82　172->173 ColorEff83 174->175 ColorEff84　176->177 ColorEff85　178->179 ColorEff86 180->181 ColorEff87　182->183 ColorEff88　184->185 ColorEff89 186->187 ColorEff90　188->189 ColorEff91　190->191 ColorEff92 192->193 ColorEff93　194->195 ColorEff94　196->197 ColorEff95 198->199 ColorEff96　200->215 ColorEff1 to ColorEff96 Loop 216->235 Color Random Point (Range:1-20) 236->255 Random Point(Range: 1-20)	ColorS hape Select
18	ColorShape Offset	0->15　　Shape Forward Moving 16->31　　Shape Backward Moving 32->47　　Shape Bounce Moving 48->159　Reserve 160->255　Static sub Shape (This Function will be effective when it has many sub Shape)	Color Shape Offset
19	ColorShape Speed	0->7　　Static 8->255　Speed Slow To Fast(3s->0s)	Color Shape Speed
20	ColorShape Trans	0->3　　Fade In Fade Out 4->7　　Fade In 8->11　Fade Out 12->15　None 16-255　Shadow(0s->8s)	Color Shape transition
21	ColorBkgDimmer	0->255	Background Dimmer
22	ColorBkgMacro	0->9　　CLOSED 10->255　Background Color Tuning	Background Color Macro

23	Ctrl	0->3 None 4->7 LED Pixel Reverse OFF 8->11 LED Pixel Reverse ON 12->15 LED Dimmer Freq 1.2K 16->19 LED Dimmer Freq 6K 20->23 LED Dimmer Freq 12K 24->27 Reserved 28->31 Reserved 32->35 DimmerCurve-Default 36->39 DimmerCurve-Power2 40->43 DimmerCurve-Power3 44->47 DimmerCurve-S 48->51 DimmerCurve-Linear 52->55 Reserved 56->59 PowerMode-Power 60->63 PowerMode-Stand 64->67 PowerMode-Theater 68->71 Reserved 72->243 Reserved 244->247 LED Board Reset 248->251 Tilt Reset 252->255 All Reset (the function will be active when you change value and keep this for more than 3 second.The LED Dimmer Freq, DimmerCurve,PowerMode setting are not saved.)	Control

RGB 138mode

ID	Specific	Value	Function
1	Tilt	0->255	Tilt
2	Tilt Fine	0->255	Tilt Fine
3	Dimmer	0->255	Dimmer
4	Dimmer Fine	0->255	Dimmer Fine
5	White Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast	White Strobe
6	Color Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	

7	Ctrl	0->3 None 44->47 DimmerCurve-S 4->7 LED Pixel Reverse OFF 48->51 DimmerCurve-Linear 8->11 LED Pixel Reverse ON 52->55 Reserved 12->15 LED Dimmer Freq 1.2K 56->59 PowerMode-Power 16->19 LED Dimmer Freq 6K 60->63 PowerMode-Stand 20->23 LED Dimmer Freq 12K 64->67 PowerMode-Theater 24->27 Reserved 68->71 Reserved 28->31 Reserved 72->243 Reserved 32->35 DimmerCurve-Default 244->247 LED Board Reset 36->39 DimmerCurve-Power2 248->251 Tilt Reset 40->43 DimmerCurve-Power3 252->255 All Reset (The function will be active when you change value and keep this for more than 3 second. The LED Dimmer Freq, DimmerCurve, PowerMode setting are not saved)	
8	Reserve	Reserve	
9	White P1 Dimmer	0->255	
10	White P2 Dimmer	0->255	
11	White P3 Dimmer	0->255	
12	White P4 Dimmer	0->255	
13	White P5 Dimmer	0->255	
14	White P6 Dimmer	0->255	
15	White P7 Dimmer	0->255	
16	White P8 Dimmer	0->255	
17	White P9 Dimmer	0->255	
18	White P10 Dimmer	0->255	
19	ColorP1Red	0->255	
20	ColorP1Green	0->255	
21	ColorP1Blue	0->255	
22	ColorP2Red	0->255	
23	ColorP2Green	0->255	
24	ColorP2Blue	0->255	
25	ColorP3Red	0->255	
26	ColorP3Green	0->255	
27	ColorP3Blue	0->255	
28	ColorP4Red	0->255	
29	ColorP4Green	0->255	
30	ColorP4Blue	0->255	
31	ColorP5Red	0->255	
32	ColorP5Green	0->255	
33	ColorP5Blue	0->255	
34	ColorP6Red	0->255	
35	ColorP6Green	0->255	
36	ColorP6Blue	0->255	
37	ColorP7Red	0->255	
38	ColorP7Green	0->255	
39	ColorP7Blue	0->255	
40	ColorP8Red	0->255	
41	ColorP8Green	0->255	
42	ColorP8Blue	0->255	
43	ColorP9Red	0->255	
44	ColorP9Green	0->255	
45	ColorP9Blue	0->255	

46	ColorP10Red	0->255	
47	ColorP10Green	0->255	
48	ColorP10Blue	0->255	
49	ColorP11Red	0->255	
50	ColorP11Green	0->255	
51	ColorP11Blue	0->255	
52	ColorP12Red	0->255	
53	ColorP12Green	0->255	
54	ColorP12Blue	0->255	
55	ColorP13Red	0->255	
56	ColorP13Green	0->255	
57	ColorP13Blue	0->255	
58	ColorP14Red	0->255	
59	ColorP14Green	0->255	
60	ColorP14Blue	0->255	
61	ColorP15Red	0->255	
62	ColorP15Green	0->255	
63	ColorP15Blue	0->255	
64	ColorP16Red	0->255	
65	ColorP16Green	0->255	
66	ColorP16Blue	0->255	
67	ColorP17Red	0->255	
68	ColorP17Green	0->255	
69	ColorP17Blue	0->255	
70	ColorP18Red	0->255	
71	ColorP18Green	0->255	
72	ColorP18Blue	0->255	
73	ColorP19Red	0->255	
74	ColorP19Green	0->255	
75	ColorP19Blue	0->255	
76	ColorP20Red	0->255	
77	ColorP20Green	0->255	
78	ColorP20Blue	0->255	
79	ColorP21Red	0->255	
80	ColorP21Green	0->255	
81	ColorP21Blue	0->255	
82	ColorP22Red	0->255	
83	ColorP22Green	0->255	
84	ColorP22Blue	0->255	
85	ColorP23Red	0->255	
86	ColorP23Green	0->255	
87	ColorP23Blue	0->255	
88	ColorP24Red	0->255	
89	ColorP24Green	0->255	
90	ColorP24Blue	0->255	
91	ColorP25Red	0->255	
92	ColorP25Green	0->255	
93	ColorP25Blue	0->255	
94	ColorP26Red	0->255	
95	ColorP26Green	0->255	
96	ColorP26Blue	0->255	

97	ColorP27Red	0->255	
98	ColorP27Green	0->255	
99	ColorP27Blue	0->255	
100	ColorP28Red	0->255	
101	ColorP28Green	0->255	
102	ColorP28Blue	0->255	
103	ColorP29Red	0->255	
104	ColorP29Green	0->255	
105	ColorP29Blue	0->255	
106	ColorP30Red	0->255	
107	ColorP30Green	0->255	
108	ColorP30Blue	0->255	
109	ColorP31Red	0->255	
110	ColorP31Green	0->255	
111	ColorP31Blue	0->255	
112	ColorP32Red	0->255	
113	ColorP32Green	0->255	
114	ColorP32Blue	0->255	
115	ColorP33Red	0->255	
116	ColorP33Green	0->255	
117	ColorP33Blue	0->255	
118	ColorP34Red	0->255	
119	ColorP34Green	0->255	
120	ColorP34Blue	0->255	
121	ColorP35Red	0->255	
122	ColorP35Green	0->255	
123	ColorP35Blue	0->255	
124	ColorP36Red	0->255	
125	ColorP36Green	0->255	
126	ColorP36Blue	0->255	
127	ColorP37Red	0->255	
128	ColorP37Green	0->255	
129	ColorP37Blue	0->255	
130	ColorP38Red	0->255	
131	ColorP38Green	0->255	
132	ColorP38Blue	0->255	
133	ColorP39Red	0->255	
134	ColorP39Green	0->255	
135	ColorP39Blue	0->255	
136	ColorP40Red	0->255	
137	ColorP40Green	0->255	
138	ColorP40Blue	0->255	

SIMP 16 mode

ID	English	Value	Function
1	Tilt	0->255	Tilt
2	Dimmer	0->255	Dimmer
3	White	0->255	White
4	White Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	White Strobe
5	WhiteShapeSel	0->7 None　　　　22->23 WhiteEff8　　38->39 WhiteEff16 8->9 WhiteEff1　　24->25 WhiteEff9　　40->41 WhiteEff17 10->11 WhiteEff2　26->27 WhiteEff10　42->43 WhiteEff18 12->13 WhiteEff3　28->29 WhiteEff11　44->45 WhiteEff19 14->15 WhiteEff4　30->31 WhiteEff12　46->47 WhiteEff20 16->17 WhiteEff5　32->33 WhiteEff13　48->49 WhiteEff21 18->19 WhiteEff6　34->35 WhiteEff14　50->255 All White 20->21 WhiteEff7　36->37 WhiteEff15　Shape Show	White Shape Effect Select
6	WhiteShapeSpd	0->7　 Static Shape 8->255 Shape Speed, From slow to fast(3s->0s).	White Shape Speed
7	Color Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	Color Strobe
8	Red	0->255	Red
9	Green	0->255	Green
10	Blue	0->255	Blue
11	Reserve	0->255	Reserve
12	ColorMacro	0->2 Close 3->9 7 RainBow Effects 10->255 Color Macro	Color Macro
13	ColorShapeSel	0->7 None　　　　　8->9 ColorEff1　　　10->11 ColorEff2 12->13 ColorEff3　　14->15 ColorEff4　　16->17 ColorEff5 18->19 ColorEff6　　20->21 ColorEff7　　22->23 ColorEff8 24->25 ColorEff9　　26->27 ColorEff10　28->29 ColorEff11 30->31 ColorEff12　32->33 ColorEff13　34->35 ColorEff14 36->37 ColorEff15　38->39 ColorEff16　40->41 ColorEff17 42->43 ColorEff18　44->45 ColorEff19　46->47 ColorEff20 48->49 ColorEff21　50->51 ColorEff22　52->53 ColorEff23 54->55 ColorEff24　56->57 ColorEff25　58->59 ColorEff26 60->61 ColorEff27　62->63 ColorEff28　64->65 ColorEff29 66->67 ColorEff30　68->69 ColorEff31　70->71 ColorEff32 72->73 ColorEff33　74->75 ColorEff34　76->77 ColorEff35 78->79 ColorEff36　80->81 ColorEff37　82->83 ColorEff38 84->85 ColorEff39　86->87 ColorEff40　88->89 ColorEff41 90->91 ColorEff42　92->93 ColorEff43　94->95 ColorEff44	ColorS hape Select

		96->97 ColorEff45 98->99 ColorEff46 100->101 ColorEff47 102->103 ColorEff48 104->105 ColorEff49 106->107 ColorEff50 108->109 ColorEff51 110->111 ColorEff52 112->113 ColorEff53 114->115 ColorEff54 116->117 ColorEff55 118->119 ColorEff56 120->121 ColorEff57 122->123 ColorEff58 124->125 ColorEff59 126->127 ColorEff60 128->129 ColorEff61 130->131 ColorEff62 132->133 ColorEff63 134->135 ColorEff64 136->137 ColorEff65 138->139 ColorEff66 140->141 ColorEff67 142->143 ColorEff68 144->145 ColorEff69 146->147 ColorEff70 148->149 ColorEff71 150->151 ColorEff72 152->153 ColorEff73 154->155 ColorEff74 156->157 ColorEff75 158->159 ColorEff76 160->161 ColorEff77 162->163 ColorEff78 164->165 ColorEff79 166->167 ColorEff80 168->169 ColorEff81 170->171 ColorEff82 172->173 ColorEff83 174->175 ColorEff84 176->177 ColorEff85 178->179 ColorEff86 180->181 ColorEff87 182->183 ColorEff88 184->185 ColorEff89 186->187 ColorEff90 188->189 ColorEff91 190->191 ColorEff92 192->193 ColorEff93 194->195 ColorEff94 196->197 ColorEff95 198->199 ColorEff96 200->215 ColorEff1 to ColorEff96 Loop 216->235 Color Random Point (Range:1-20) 236->255 Random Point(Range: 1-20)	
14	ColorShape Speed	0->7 Static 8->255 Speed Slow To Fast(3s->0s)	Color Shape Speed
15	ColorShape Trans	0->3 Fade In Fade Out 4->7 Fade In 8->11 Fade Out 12->15 None 16-255 Shadow(0s->8s)	Color Shape transition
16	Ctrl	0->3 None 4->7 LED Pixel Reverse OFF 8->11 LED Pixel Reverse ON 12->15 LED Dimmer Freq 1.2K 16->19 LED Dimmer Freq 6K 20->23 LED Dimmer Freq 12K 24->27 Reserved 28->31 Reserved 32->35 DimmerCurve-Default 36->39 DimmerCurve-Power2 40->43 DimmerCurve-Power3 44->47 DimmerCurve-S 48->51 DimmerCurve-Linear 52->55 Reserved 56->59 PowerMode-Power 60->63 PowerMode-Stand 64->67 PowerMode-Theater 68->71 Reserved 72->243 Reserved 244->247 LED Board Reset 248->251 Tilt Reset 252->255 All Reset (The function will be active when you change value and keep this for more than 3 second.The LED Dimmer Freq,DimmerCurve,PowerMode setting are not saved)	Control

RGB8+130 mode(DMX ctrl 1~8,ARTNET ctrl 9~138)

ID	Specific	Value	Function
1	Tilt	0->255	Tilt
2	Tilt Fine	0->255	Tilt Fine
3	Dimmer	0->255	Dimmer
4	Dimmer Fine	0->255	Dimmer Fine
5	White Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	White Strobe
6	Color Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	
7	Ctrl	0->3 None 4->7 LED Pixel Reverse OFF 8->11 LED Pixel Reverse ON 12->15 LED Dimmer Freq 1.2K 16->19 LED Dimmer Freq 6K 20->23 LED Dimmer Freq 12K 24->27 Reserved 28->31 Reserved 32->35 DimmerCurve-Default 36->39 DimmerCurve-Power2 40->43 DimmerCurve-Power3 44->47 DimmerCurve-S 48->51 DimmerCurve-Linear 52->55 Reserved 56->59 PowerMode-Power 60->63 PowerMode-Stand 64->67 PowerMode-Theater 68->71 Reserved 72->243 Reserved 244->247 LED Board Reset 248->251 Tilt Reset 252->255 All Reset (The function will be active when you change value and keep this for more than 3 second.The LED Dimmer Freq,DimmerCurve,PowerMode setting are not saved)	
8	Reserve	Reserve	
9	White P1 Dimmer	0->255	
10	White P2 Dimmer	0->255	
11	White P3 Dimmer	0->255	
12	White P4 Dimmer	0->255	
13	White P5 Dimmer	0->255	
14	White P6 Dimmer	0->255	
15	White P7 Dimmer	0->255	
16	White P8 Dimmer	0->255	
17	White P9 Dimmer	0->255	
18	White P10 Dimmer	0->255	
19	ColorP1Red	0->255	
20	ColorP1Green	0->255	
21	ColorP1Blue	0->255	
22	ColorP2Red	0->255	
23	ColorP2Green	0->255	

24	ColorP2Blue	0->255	
25	ColorP3Red	0->255	
26	ColorP3Green	0->255	
27	ColorP3Blue	0->255	
28	ColorP4Red	0->255	
29	ColorP4Green	0->255	
30	ColorP4Blue	0->255	
31	ColorP5Red	0->255	
32	ColorP5Green	0->255	
33	ColorP5Blue	0->255	
34	ColorP6Red	0->255	
35	ColorP6Green	0->255	
36	ColorP6Blue	0->255	
37	ColorP7Red	0->255	
38	ColorP7Green	0->255	
39	ColorP7Blue	0->255	
40	ColorP8Red	0->255	
41	ColorP8Green	0->255	
42	ColorP8Blue	0->255	
43	ColorP9Red	0->255	
44	ColorP9Green	0->255	
45	ColorP9Blue	0->255	
46	ColorP10Red	0->255	
47	ColorP10Green	0->255	
48	ColorP10Blue	0->255	
49	ColorP11Red	0->255	
50	ColorP11Green	0->255	
51	ColorP11Blue	0->255	
52	ColorP12Red	0->255	
53	ColorP12Green	0->255	
54	ColorP12Blue	0->255	
55	ColorP13Red	0->255	
56	ColorP13Green	0->255	
57	ColorP13Blue	0->255	
58	ColorP14Red	0->255	
59	ColorP14Green	0->255	
60	ColorP14Blue	0->255	
61	ColorP15Red	0->255	
62	ColorP15Green	0->255	
63	ColorP15Blue	0->255	
64	ColorP16Red	0->255	
65	ColorP16Green	0->255	
66	ColorP16Blue	0->255	
67	ColorP17Red	0->255	
68	ColorP17Green	0->255	
69	ColorP17Blue	0->255	
70	ColorP18Red	0->255	
71	ColorP18Green	0->255	
72	ColorP18Blue	0->255	
73	ColorP19Red	0->255	
74	ColorP19Green	0->255	
75	ColorP19Blue	0->255	
76	ColorP20Red	0->255	

77	ColorP20Green	0->255	
78	ColorP20Blue	0->255	
79	ColorP21Red	0->255	
80	ColorP21Green	0->255	
81	ColorP21Blue	0->255	
82	ColorP22Red	0->255	
83	ColorP22Green	0->255	
84	ColorP22Blue	0->255	
85	ColorP23Red	0->255	
86	ColorP23Green	0->255	
87	ColorP23Blue	0->255	
88	ColorP24Red	0->255	
89	ColorP24Green	0->255	
90	ColorP24Blue	0->255	
91	ColorP25Red	0->255	
92	ColorP25Green	0->255	
93	ColorP25Blue	0->255	
94	ColorP26Red	0->255	
95	ColorP26Green	0->255	
96	ColorP26Blue	0->255	
97	ColorP27Red	0->255	
98	ColorP27Green	0->255	
99	ColorP27Blue	0->255	
100	ColorP28Red	0->255	
101	ColorP28Green	0->255	
102	ColorP28Blue	0->255	
103	ColorP29Red	0->255	
104	ColorP29Green	0->255	
105	ColorP29Blue	0->255	
106	ColorP30Red	0->255	
107	ColorP30Green	0->255	
108	ColorP30Blue	0->255	
109	ColorP31Red	0->255	
110	ColorP31Green	0->255	
111	ColorP31Blue	0->255	
112	ColorP32Red	0->255	
113	ColorP32Green	0->255	
114	ColorP32Blue	0->255	
115	ColorP33Red	0->255	
116	ColorP33Green	0->255	
117	ColorP33Blue	0->255	
118	ColorP34Red	0->255	
119	ColorP34Green	0->255	
120	ColorP34Blue	0->255	
121	ColorP35Red	0->255	
122	ColorP35Green	0->255	
123	ColorP35Blue	0->255	
124	ColorP36Red	0->255	
125	ColorP36Green	0->255	
126	ColorP36Blue	0->255	
127	ColorP37Red	0->255	
128	ColorP37Green	0->255	
129	ColorP37Blue	0->255	
130	ColorP38Red	0->255	

131	ColorP38Green	0->255	
132	ColorP38Blue	0->255	
133	ColorP39Red	0->255	
134	ColorP39Green	0->255	
135	ColorP39Blue	0->255	
136	ColorP40Red	0->255	
137	ColorP40Green	0->255	
138	ColorP40Blue	0->255	

PixDim61

2	Tilt Fine	0->255	Tilt Fine
3	Dimmer	0->255	Dimmer
4	Dimmer Fine	0->255	Dimmer Fine
5	White Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	White Strobe
6	Color Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	Color Strobe
7	Ctrl	0->3 None 44->47 DimmerCurve-S 4->7 LED Pixel Reverse OFF 48->51 DimmerCurve-Linear 8->11 LED Pixel Reverse ON 52->55 Reserved 12->15 LED Dimmer Freq 1.2K 56->59 PowerMode-Power 16->19 LED Dimmer Freq 6K 60->63 PowerMode-Stand 20->23 LED Dimmer Freq 12K 64->67 PowerMode-Theater 24->27 Reserved 68->71 Reserved 28->31 Reserved 72->243 Reserved 32->35 DimmerCurve-Default 244->247 LED Board Reset 36->39 DimmerCurve-Power2 248->251 Tilt Reset 40->43 DimmerCurve-Power3 252->255 All Reset (The function will be active when you change value and keep this for more than 3 second.The LED Dimmer Freq,DimmerCurve,PowerMode setting are not saved)	Ctrl
8	Reserve		
9	Red	0->255	
10	Green	0->255	
11	Blue	0->255	
12	White P1	0->255	
13	White P2	0->255	
14	White P3	0->255	
15	White P4	0->255	
16	White P5	0->255	
17	White P6	0->255	

18	White P7	0->255	
19	White P8	0->255	
20	White P9	0->255	
21	White P10	0->255	
22	ColorP1Dim	0->255	
23	ColorP2Dim	0->255	
24	ColorP3Dim	0->255	
25	ColorP4Dim	0->255	
26	ColorP5Dim	0->255	
27	ColorP6Dim	0->255	
28	ColorP7Dim	0->255	
29	ColorP8Dim	0->255	
30	ColorP9Dim	0->255	
31	ColorP10Dim	0->255	
32	ColorP11Dim	0->255	
33	ColorP12Dim	0->255	
34	ColorP13Dim	0->255	
35	ColorP14Dim	0->255	
36	ColorP15Dim	0->255	
37	ColorP16Dim	0->255	
38	ColorP17Dim	0->255	
39	ColorP18Dim	0->255	
40	ColorP19Dim	0->255	
41	ColorP20Dim	0->255	
42	ColorP21Dim	0->255	
43	ColorP22Dim	0->255	
44	ColorP23Dim	0->255	
45	ColorP24Dim	0->255	
46	ColorP25Dim	0->255	
47	ColorP26Dim	0->255	
48	ColorP27Dim	0->255	
49	ColorP28Dim	0->255	
50	ColorP29Dim	0->255	
51	ColorP30Dim	0->255	
52	ColorP31Dim	0->255	
53	ColorP32Dim	0->255	
54	ColorP33Dim	0->255	
55	ColorP34Dim	0->255	
56	ColorP35Dim	0->255	
57	ColorP36Dim	0->255	
58	ColorP37Dim	0->255	
59	ColorP38Dim	0->255	
60	ColorP39Dim	0->255	
61	ColorP40Dim	0->255	

PixTen48

ID	Specific	Value	Function
1	Tilt	0->255	Tilt
2	Tilt Fine	0->255	Tilt Fine
3	Dimmer	0->255	Dimmer
4	Dimmer Fine	0->255	Dimmer Fine

5	White Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	White Strobe
6	Color Strobe	0->5 Close 6->10 Open (Dimmer Fade OFF) 11->105 Pulse Strobe,from slow to fast (0~20Hz) 106->110 Open(Dimmer Fade ON) 111->179 Thunder Strobe(0~10Hz) 180->185 Open(Dimmer Fade ON) 186->253 Random Strobe,from slow to fast 254->255 Open(Dimmer Fade ON)	Color Strobe
7	Ctrl	0->3 None 44->47 DimmerCurve-S 4->7 LED Pixel Reverse OFF 48->51 DimmerCurve-Linear 8->11 LED Pixel Reverse ON 52->55 Reserved 12->15 LED Dimmer Freq 1.2K 56->59 PowerMode-Power 16->19 LED Dimmer Freq 6K 60->63 PowerMode-Stand 20->23 LED Dimmer Freq 12K 64->67 PowerMode-Theater 24->27 Reserved 68->71 Reserved 28->31 Reserved 72->243 Reserved 32->35 DimmerCurve-Default 244->247 LED Board Reset 36->39 DimmerCurve-Power2 248->251 Tilt Reset 40->43 DimmerCurve-Power3 252->255 All Reset (The function will be active when you change value and keep this for more than 3 second.The LED Dimmer Freq,DimmerCurve,PowerMode setting are not saved)	Ctrl
8	Reserve		
9	White P1 Dimmer	0->255	
10	White P2 Dimmer	0->255	
11	White P3 Dimmer	0->255	
12	White P4 Dimmer	0->255	
13	White P5 Dimmer	0->255	
14	White P6 Dimmer	0->255	
15	White P7 Dimmer	0->255	
16	White P8 Dimmer	0->255	
17	White P9 Dimmer	0->255	
18	White P10 Dimmer	0->255	
19	ColorP1Red	0->255	
20	ColorP1Green	0->255	
21	ColorP1Blue	0->255	
22	ColorP2Red	0->255	
23	ColorP2Green	0->255	
24	ColorP2Blue	0->255	
25	ColorP3Red	0->255	
26	ColorP3Green	0->255	
27	ColorP3Blue	0->255	
28	ColorP4Red	0->255	
29	ColorP4Green	0->255	
30	ColorP4Blue	0->255	
31	ColorP5Red	0->255	
32	ColorP5Green	0->255	
33	ColorP5Blue	0->255	

34	ColorP6Red	0->255	
35	ColorP6Green	0->255	
36	ColorP6Blue	0->255	
37	ColorP7Red	0->255	
38	ColorP7Green	0->255	
39	ColorP7Blue	0->255	
40	ColorP8Red	0->255	
41	ColorP8Green	0->255	
42	ColorP8Blue	0->255	
43	ColorP9Red	0->255	
44	ColorP9Green	0->255	
45	ColorP9Blue	0->255	
46	ColorP10Red	0->255	
47	ColorP10Green	0->255	
48	ColorP10Blue	0->255	

10. Parts Code

Item	Specification	P/N
1. 2V NiMH battery	1920mWh, 1600mAh	130702000016
Three-phase stepping motor 17HE7104-24B	Temperature resisitance:130℃；Current：1.6A/phase	140103000026
Fan ME60152V1-000C-A99	24V/0.115A	150101000034
Fan ME80252V1-000C-A99	DC24V/0.073A	150101000083
Toughened glass	Dimension: 364X157X3	200730000004
Hanging assembly		230730000040
1.3-inches OLED screen	Resolution ratio: 128*64	280802000049
Power supply	Vin:100-240VAC; Out1:36Vdc/16.7A; Out2:70Vdc/8.57A	330001200096
P/T optocoupler board	Version A	330397200005
Hall sensor board	39*31mm, Version A(V3.0)	330711100046
3-pin DMX board	Version C, 56.00mm*30.50mm, 3in1	330730100069
Signal main board	Version B, 333.0mm*45.0mm, 2in1	330730100065
Display board	Version C, 170.0mm*60.0mm, 3in1	330730100068
Ethernet network board	Version A, 50.0mm*48.0mm, 3in1	330730100070
White driver board	Version A, 48.5mm*34.0mm, 8in1	330730100059
Colors driver board	Version A, 48.5mm*34.0mm, 8in1	330730100067
Upper board of colors	Version A, 378.0mm*70.0mm, 1in1	330730100062
Below board of colors	Version A, 378.0mm*70.0mm, 1in1	330730100061
White LED board	Version A, 174.0mm*45.0mm, 2in1	330730100071
Controller switch board	Version A, 54*50mm, 6in1	330712100099

*Name: refer to the names in the fixture exploded view.

Attached 1: Fixture exploded drawing
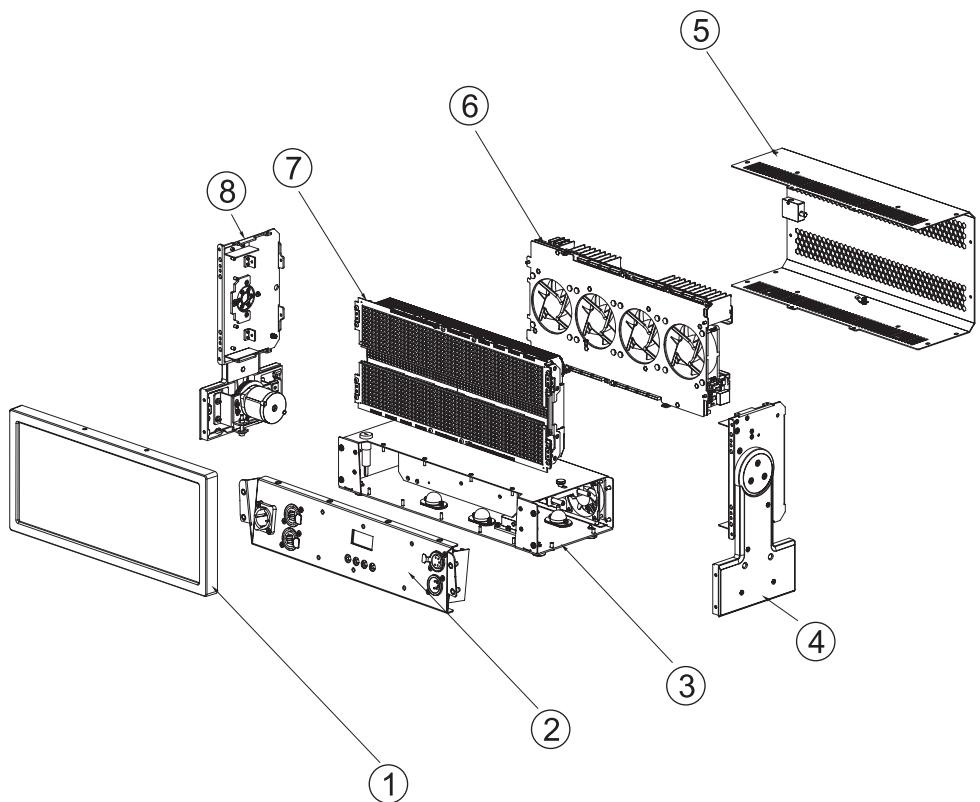
1. Body cover assembly
2. Display board assembly
3. Base assembly
4. Left arm assembly

5. Back cover assembly
6. Radiating fan assembly
7. Radiating assembly
8. Right arm assembly

Attached2: Photometric diagram

White

W (lux)	0	8229	2057	914	514	329	229

70°
(1/2 Peak)

112°
(1/10 Peak)

distance (m)	0	2	4	6	8	10	12
70° (1/2Peak) diameter (m)	0	φ2.83	φ5.65	φ8.48	φ11.3	φ14.13	φ16.96
112° (1/10Peak) diameter (m)	0	φ5.96	φ11.91	φ17.87	φ23.83	φ29.79	φ35.74

Colour

R (lux)	0	243	61	27	15	10	7
G (lux)	0	763	191	85	48	31	21
B (lux)	0	126	32	14	8	5	4
Full (lux)	0	989	247	110	62	40	27

66°
(1/2 Peak)

110°
(1/10 Peak)

distance (m)	0	2	4	6	8	10	12
66° (1/2Peak) diameter (m)	0	φ2.59	φ5.19	φ7.78	φ10.37	φ12.96	φ15.56
110° (1/10Peak) diameter (m)	0	φ5.63	φ11.26	φ16.89	φ22.52	φ28.15	φ33.78

Attached3: Wiring diagram

- DMX transfer board
- Controller Switch board
- Ethernet network board
- Tilt motor
- Tilt optocoupler
- Display board
- Base radiating
- Power supply
- Power inputs: 100V~240VAC/50HZ
- Power output: 36V、70V
- Fuse 15A
- L N G
- 70V+
- 70V−
- 36V−
- 36V−
- 36V+
- 36V+
- Signal main board
- Below board of colors
- Upper board of colors
- LED board (White)
- LED board (White)
- radiating fan of Signal main board
- radiating fan of Signal main board

-32-