

IP65 864 STROBE BAR LIGHT***USER MANUAL***

For safety, please read this user manual carefully before initial use.

Tealshine reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Tealshine assumes no liability or responsibility for any errors or omissions. Please consult Tealshine for any clarification or information regarding this item.

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1 Important Safety Information

Symbol	Meaning
	General risk.
	Electric shock risk
	Hot surface
	Suitable for indoor use only.
$T_a 45^{\circ}\text{C}$	Maximum operating ambient temperature.
	Minimum distance from illuminated objects.
	Do not stare at the operating light source.
 Risk Group 2	Photobiological safety risk group2
	Never expose the front lens to sunlight or any strong artificial Light source from any angle to avoid damage of head internal parts.



European Community Directive 2012/19/EU on Waste Electrical and Electronic Equipment.

2 General Warning

Carefully read the instruction contained in this User Manual, as they give important information regarding your safety and others during installation, use, and maintenance of the product.

The unit is not suitable for domestic use and must be installed by qualified personnel only.

The device must always be equipped with an efficient ground connection.

3 Level of protection IP



- The projector is classified as an ordinary appliance and its protection level against the penetration of solid and liquid objects is IP65.
- The projector contains electric and electronic components which should under no circumstances come into contact with oil, water, or any other liquid. The proper functioning of the unit would be compromised should this occur.

4 Included Items

- 1x PowerCON female connector
- 2x Omega clamp with ¼- turn “Fast Lock” connection for moving head series
- Safety cable(Optional)
- Signal cable

5 General Warranty Conditions

The unit is guaranteed for 12 months from the date of purchase against manufacturing material defects.

The warranty covers defects in materials and workmanship. The warranty is not applicable where a defect is caused by misuse or unauthorized repair of the product.

Any functional or/and physical modification of the product is not allowed.

6 Product Installation

The unit is suitable for dry locations only.

The unit may be either floor or ceiling mounted.

6.1 Floor mounting

For floor mounting installations, This model is supplied with four rubber mounting feet at the base.

6.2 Ceiling mounting

For ceiling mounting installations, we recommend the use of appropriate clamps to fix the unit to the mounting surface.

The supporting structure from which the unit is hung should be capable of bearing the weight of the unit, as should any clamps used to hang it.

The structure should also be sufficiently rigid as not to move or shake whilst the device is moving.

Four ¼-turn “Fast Lock” connections placed in the base of the unit allow this model to hang by using Omega brackets (provided with the unit)(Moving head series).

6.3 Safety Cable

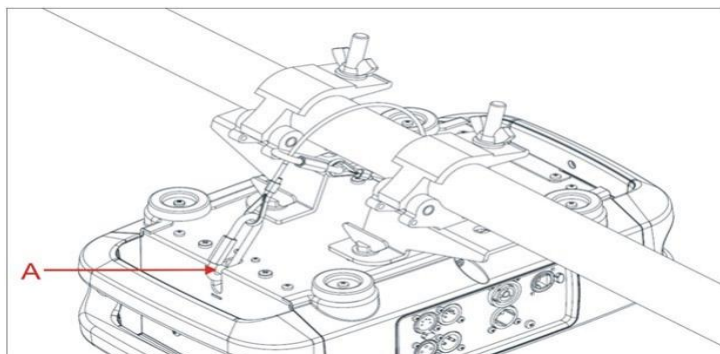


A safety cable must be securely fixed to this model and to the suspension truss in order to avoid the fixture accidentally falling, should the main fixing point fail.

The safety cable used must be approved by a notified body according to IEC 60598-2-17 and must be capable of bearing at least 10 times the weight of the unit. For more information,

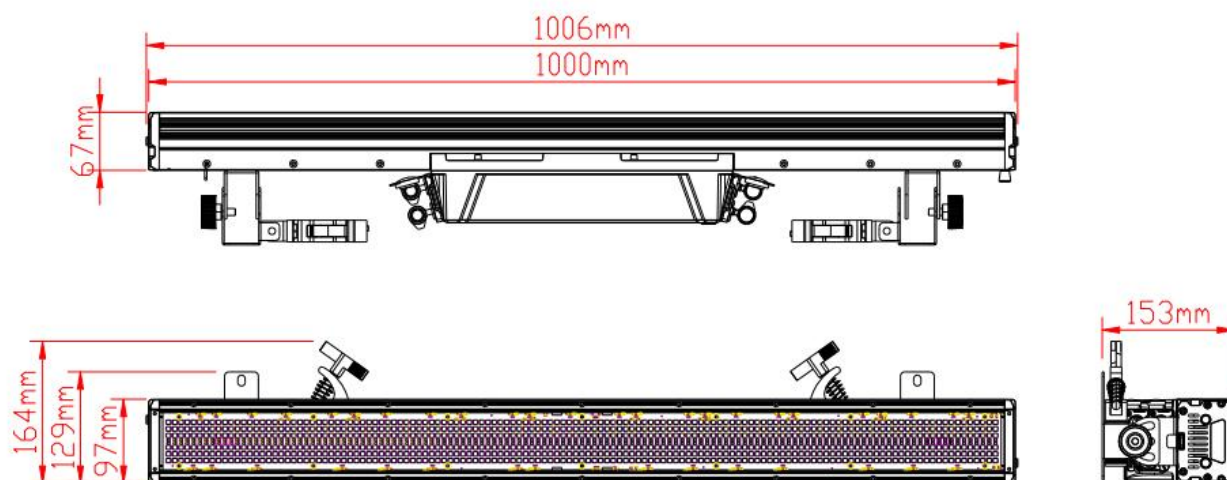
please refer to an authorized service center.

You may attach the safety cable to the attachment point (A) located at the base of the fixture, as shown in the picture as below.

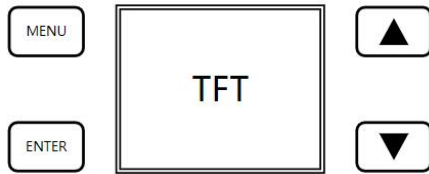


7 Product Features

7.1 Dimensions



7.2 Menu Operation



MENU	- To access the control menus in the display panel. - To return to the previous level in the menu structure without saving any changes. - To exit the menus.
ENTER	- To select any desired menu. - To confirm any selection made or save any changes.
UP / DOWN	- To navigate the menus' structure. - To scroll between any values.

7.3 Menu

Menu	1 st Level Menu	2 nd Level Menu	3 rd Level Menu	Descriptions
DMX	DMX MODE	Address 001		001-512
		Channel 32ACH		006/009/013/016/018/032/32A/038/043/064/112/127 CH
Current Mode	AUTO	Dimmer 255		000-255
		RGB effect 00		00-54 00:No functions 01:Fading 02:Pulse 03:Jumping 04:Effect 05-54:Each effect
		RGB speed 100		000-100
		RGB color 00		00-07 00:Color Patterns01:Red 02:Green 03:Blue 04:Red&Green 05:Red&Blue 06:Blue&Green 07:Red,Blue&Green
		W effect 00		00-33 01:No functions 01:Pulse 02:Jumping 03:Patterns 04-33:Different patterns
		W speed 100		000-100
	MANUAL	Dimmer 255		000-255
		Red 000		000-255
		Green 000		000-255
		Blue 000		000-255
		White 000		000-255
	VOICE	Dimmer 255		000-255

		RGB mic 00		00-05 00:No functions 01-04:Sound control 05: Sound control polling
		RGB sensi 100		000-100
		W mic 00		00-05 00:No functions 01-04:Sound control 05:Sound control polling
		W sensi 100		000-100
		Language	English	Language selection
		MOSI switch	Master device setting	
			Turn off	Turn off MOSI switch
			Turn on	Turn on MOSI switch
		Screen saver	Turn off	Turn off screen saver
			Turn on	Screen saver will activate after 30s of no buttons presses
		Signal state	In DMX mode,the data status of the led after the signal is cut off	
			Clear	Clear data
			Hold	Hold data
		Light order	Pixel running and dimmer direction	
			Forward	Forward
			Reverse	Reverse
		Dim bit	Dimmer bit	
			8bit	8 bit
			16bit	16 bit
		Dim speed	Dimmer speed	
			Level_1	Big value,dimmer changes slowly
			Level_2	
			Level_3	
			Level_4	
			Level_5	
		Dim curve	Linear	Linear dimmer curve
			Square	Square dimmer curve
			Anti-square	Anti-square dimmer curve
			S-line	S-line dimmer curve
		Fan mode	Activated	Temperature control mode.When the temperate is below 40°,the fan stops;When the temperature is above 44°,the fan runs.
			U-activated	Fan running
		Screen lock	Turn off	Turn off the screen
			Turn on	Lock after 30s of no button operation
		Screen flip	Turn off	Turn off the screen flip
			Turn on	Turn on the screen flip
		Restore	Restore to default	
			Turn off	Turn off restore setting
			Turn on	Turn on restore setting
	SYSTEM INFO	Firmware VER	250803X4V1	Firmware version
		RDM ID		RDM ID
		Temperature	LED : xx°C/xx°F MAX : xx°C/xx°F	Current temperature
		Power on time	0: 00	Power on time
		Fan state		Fan state
		Errors		Temperature control errors

7.4 DMX Chart

6CH

CH	Functions	Descriptions
1	R Dimmer	0-100% Red dimmer from dark to bright
2	G Dimmer	0-100% Green dimmer from dark to bright
3	B Dimmer	0-100% Blue dimmer from dark to bright
4	W Dimmer	0-100% White dimmer from dark to bright
5	Dimmer	Dimmer 0%...100%
6	Fine Dimmer	Dimmer Fine 0%...100%

9CH

CH	Functions	Descriptions
1	R Dimmer	0-100% Red dimmer from dark to bright
2	G Dimmer	0-100% Green dimmer from dark to bright
3	B Dimmer	0-100% Blue dimmer from dark to bright
4	W Dimmer	0-100% White dimmer from dark to bright
5	Dimmer	Dimmer 0%...100%
6	Fine Dimmer	Dimmer Fine 0%...100%
7	Strobe Effect	Strobe effect,control RGB&W strobe effect 000-002,Shutter open 003-005,Strobe 006-050,Slow strobe 051-100,Slow close 101-150,Slow open and slow closing 151-200,Lighting effect 201-255,Random strobe
8	Strobe Speed	RGB&W strobe speed from slow to fast
9	Strobe Consecutive Time	Extend RGB&W strobe time

13CH

CH	Functions	Descriptions
1	R Dimmer	0-100% Red dimmer from dark to bright
2	G Dimmer	0-100% Green dimmer from dark to bright
3	B Dimmer	0-100% Blue dimmer from dark to bright
4	W Dimmer	0-100% White dimmer from dark to bright
5	RGB Selection	000-009,No functions

		010-255,Color 1-33,please refer to color table
6	Dimmer	Dimmer 0%...100%
7	Fine Dimmer	Dimmer Fine 0%...100%
8	Strobe Effect	Strobe effect,control RGB&W strobe effect 000-002,Open 003-00,Strobe 006-050,Slow strobe 051-100,Slow closing 101-150,Slow open and slow closing 151-200,Lighting strobe 201-255,Random strobe
9	Strobe speed	RGB&W strobe speed from slow to fast
10	Strobe Consecutive Time	Extend RGB&W strobe time
11	RGB effects	0—5 No functions Available Color Patterns:6-185 Unavailable Color Patterns:186-255 /*****Available Color Patterns*****/ 13,1-3,5CH Need open 6-9 Total Patterns 10-13 Patterns 1 14-17 Patterns 2 18-21 Patterns 3 22-25 Patterns 4 26-29 Patterns 5 30-33 Patterns 6 34-37 Patterns 7 38-41 Patterns 8 42-45 Patterns 9 46-49 Patterns 10 50-53 Patterns 11 54-57 Patterns 12 58-61 Patterns 13 62-65 Patterns 14 66-69 Patterns 15 70-73 Patterns 16 74-77 Patterns 17 78-81 Patterns 18 82-85 Patterns 19 86-89 Patterns 20 90-93 Patterns 21 94-97 Patterns 22 98-101 Patterns 23 102-105 Patterns 24 106-109 Patterns 25 110-113 Patterns 26 114-117 Patterns 27 118-121 Patterns 28 122-125 Patterns 29 126-129 Patterns 30 130-133 Patterns 31 134-137 Patterns 32 138-141 Patterns 33 142-145 Patterns 34 146-149 Patterns 35 150-153 Patterns 36 154-157 Patterns 37 158-161 Patterns 38 162-165 Patterns 39 166-169 Patterns 40 170-173 Patterns 41 174-177 Patterns 42 178-181 Patterns 43 182-185 Patterns 44 /*****/ /*****No color choosing patterns*****/ 13CH should be open 186-189 Fading 190-193 Pulse 194-197 Jumping 198-201 Color patterns 1 202-205 Color patterns 2

		206-209 Color patterns 3 210-213 Color patterns 4 214-217 Color patterns 5 218-221 Color patterns 6 222-227 Sound mode 1 228-233 Sound mode 2 234-239 Sound mode 3 240-245 Sound mode 4 246-255 Total sound mode /*****/
12	W Effect	0—5:No functions Color Patterns:6-222 Unavailable Color Patterns:223-255 /***** Available Color Patterns *****/ 13,4CH should be open 6-12 Patterns 13-19 Patterns 1 20-26 Patterns 2 27-33 Patterns 3 34-40 Patterns 4 41-47 Patterns 5 48-54 Patterns 6 55-61 Patterns 7 62-68 Patterns 8 69-75 Patterns 9 76-82 Patterns 10 83-89 Patterns 11 90-96 Patterns 12 97-103 Patterns 13 104-110 Patterns 14 111-117 Patterns 15 118-124 Patterns 16 125-131 Patterns 17 132-138 Patterns 18 139-145 Patterns 19 146-152 Patterns 20 153-159 Patterns 21 160-166 Patterns 22 167-173 Patterns 23 174-180 Patterns 24 181-187 Patterns 25 188-194 Patterns 26 195-201 Patterns 27 202-208 Patterns 28 209-215 Patterns 29 216-222 Patterns 30 /*****/ /***** No color choosing patterns *****/ 14CH should be open 223-229 Pulse 230-236 Jumping 237-240 Sound mode 1 241-244 Sound mode 2 245-248 Sound mode 3 249-252 Sound mode 4 253-255 Sound mode /*****/
13	Dimmer speed	RGB&W dimmer speed from slow to fast 000:No functions 001-255:From slow to fast

16CH

CH	Functions	Description
1	R1 Dimmer	0-100% Red1 dimmer from dark to bright
2	G1 Dimmer	0-100% Green1 dimmer from dark to bright
3	B1 Dimmer	0-100% Blue1 dimmer from dark to bright
.....		
10	R4 Dimmer	0-100% Red4 dimmer from dark to bright

11	G4 Dimmer	0-100% Green4 dimmer from dark to bright
12	B4 Dimmer	0-100% Blue4 dimmer from dark to bright
13	W1 Dimmer	0-100% White1 dimmer from dark to bright
.....		
16	W4 Dimmer	0-100% White4 dimmer from dark to bright

LED Distribution

Forward

RGB

1		2
3		4

W

1		4
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Reverse

RGB

4		3
2		1

W

4		1
---	-------	---

18CH

CH	Functions	Descriptions
1	R Dimmer	0-100% Red1 dimmer from dark to bright
2	G Dimmer	0-100% Green1 dimmer from dark to bright
3	B Dimmer	0-100% Blue1 dimmer from dark to bright
4	RGB Available Color	000-009:No functions 010-255, Color 1-33,please refer to color table
5	RGB Dimmer	Dimmer 0%...100%
6	RGB Fine Dimmer	Dimmer Fine 0%...100%
7	RGB Strobe Effect	000-002,Open 003-005,Strobe 006-050,Slow strobe 051-100,Slow closing 101-150,Slow strobe,Slow closing 151-200,Lighting strobe 201-255,Random strobe
8	RGB Strobe Speed	Strobe speed from from slow to fast
9	RGB Strobe Consecutive Time	Extend strobe time
10	RGB Effect	0—5:No functions Available Color Patterns: 6-185 Unavailable Color Patterns: 186-255 /*****Available Color Patterns*****/ 11,1-3,4CH should be open 6-9 Patterns 10-13 Patterns 1 14-17 Patterns 2 18-21 Patterns 3 22-25 Patterns 4 26-29 Patterns 5 30-33 Patterns 6 34-37 Patterns 7 38-41 Patterns 8 42-45 Patterns 9 46-49 Patterns 10

		50-53 Patterns 11 54-57 Patterns 12 58-61 Patterns 13 62-65 Patterns 14 66-69 Patterns 15 70-73 Patterns 16 74-77 Patterns 17 78-81 Patterns 18 82-85 Patterns 19 86-89 Patterns 20 90-93 Patterns 21 94-97 Patterns 22 98-101 Patterns 23 102-105 Patterns 24 106-109 Patterns 25 110-113 Patterns 26 114-117 Patterns 27 118-121 Patterns 28 122-125 Patterns 29 126-129 Patterns 30 130-133 Patterns 31 134-137 Patterns 32 138-141 Patterns 33 142-145 Patterns 34 146-149 Patterns 35 150-153 Patterns 36 154-157 Patterns 37 158-161 Patterns 38 162-165 Patterns 39 166-169 Patterns 40 170-173 Patterns 41 174-177 Patterns 42 178-181 Patterns 43 182-185 Patterns 44 /*****/ /*****Unavailable Color Patterns*****/ 11CH should be open 186-189 Fading 190-193 Pulse 194-197 Jumping 198-201 Color patterns 1 202-205 Color patterns 2 206-209 Color patterns 3 210-213 Color patterns 4 214-217 Color patterns 5 218-221 Color patterns 6 222-227 Sound mode 1 228-233 Sound mode 2 234-239 Sound mode 3 240-245 Sound mode 4 246-255 Total sound mode /*****/
11	RGB Effect	000,No functions 001-255,RGB effect from slow to fast
12	W Dimmer	0-100% White dimmer from dark to bright
13	W Fine Dimmer	0-100% White fine dimmer from dark to bright
14	W Strobe Effect	000-002,Open 003-005,Strobe 006-050,Slow strobe 051-100,Slow closing 101-150,Slow strobe,Slow closing 151-200,Lighting strobe 201-255,Random strobe
15	W Strobe Speed	Strobe speed from slow to fast
16	W Strobe Consecutive Time	Extend strobe time
17	W Effect	0—5:No functions Available Color Patterns:6-222 Unavailable Color Patterns:223-255 /*****Available Color Patterns*****/ 18CH should be open

		6-12 Patterns 13-19 Patterns 1 20-26 Patterns 2 27-33 Patterns 3 34-40 Patterns 4 41-47 Patterns 5 48-54 Patterns 6 55-61 Patterns 7 62-68 Patterns 8 69-75 Patterns 9 76-82 Patterns 10 83-89 Patterns 11 90-96 Patterns 12 97-103 Patterns 13 104-110 Patterns 14 111-117 Patterns 15 118-124 Patterns 16 125-131 Patterns 17 132-138 Patterns 18 139-145 Patterns 19 146-152 Patterns 20 153-159 Patterns 21 160-166 Patterns 22 167-173 Patterns 23 174-180 Patterns 24 181-187 Patterns 25 188-194 Patterns 26 195-201 Patterns 27 202-208 Patterns 28 209-215 Patterns 29 216-222 Patterns 30 /***** /*****Unavailable Color Patterns*****/ 18CH should be open 223-229 Pulse Jumping 230-236 Jumping 237-240 Sound mode 1 241-244 Sound mode 2 245-248 Sound mode 3 249-252 Sound mode 4 253-255 Sound mode /*****
18	W Effect Speed	000, No functions 001-255, Effect speed from slow to fast

32CH/32ACH

CH	Functions	Descriptions
1	R1Dimmer	0-100% Red1 dimmer from dark to bright
2	G1Dimmer	0-100% Green1 dimmer from dark to bright
3	B1Dimmer	0-100% Blue1 dimmer from dark to bright
.....		
22	R8Dimmer	0-100% Red8 dimmer from dark to bright
23	G8Dimmer	0-100% Green8 dimmer from dark to bright
24	B8Dimmer	0-100% Blue8 dimmer from dark to bright
25	W1Dimmer	0-100% White1 dimmer from dark to bright
.....		
32	W8Dimmer	0-100% White8 dimmer from dark to bright

32CH LED Distribution

Forward

RGB

1	.....	4
5	.....	8

W

1		8
---	-------	---

Reverse**RGB**

8	.....	5
4	.....	1

W

8		1
---	-------	---

32ACH LED Distribution**Forward****RGB**

1	.....	8
1	.....	8

W

1		8
---	-------	---

Reverse**RGB**

8	.....	1
8	.....	1

W

8		1
---	-------	---

38CH

CH	Functions	Descriptions
1	R1Dimmer	0-100% Red1 dimmer from dark to bright
2	G1Dimmer	0-100% Green1 dimmer from dark to bright
3	B1Dimmer	0-100% Blue1 dimmer from dark to bright
.....		
22	R8Dimmer	0-100% Red8 dimmer from dark to bright
23	G8Dimmer	0-100% Green8 dimmer from dark to bright
24	B8Dimmer	0-100% Blue8 dimmer from dark to bright
25	RGB Dimmer	0-100% RGB dimmer from dark to bright
26	RGB Fine Dimmer	0-100% RGB fine dimmer from dark to bright
27	RGB Strobe Effect	000-002,Open 003-005,Strobe 006-050,Slow strobe 051-100,Slow closing 101-150,Slow strobe,Slow closing 151-200,Lighting strobe 201-255,Random strobe
28	RGB Strobe Speed	Strobe speed from slow to fast
29	RGB Strobe Consecutive Time	Extend strobe time
30	W1	
.....		
33	W4	
34	W Dimmer	Dimmer 0%...100%
35	W Fine Dimmer	Dimmer Fine 0%...100%
36	W Strobe Effect	000-002,Open

		003-005,Strobe 006-050,Slow strobe 051-100,Slow closing 101-150,Slow strobe,Slow closing 151-200,Lighting strobe 201-255,Random strobe
37	W Strobe Speed	Strobe speed from slow to fast
38	W Strobe Consecutive Time	Extend strobe time

LED Distribution

Forward

RGB

1	.....	4
5	.....	8
W		
1	.....	4

Reverse

RGB

8	.....	5
4	.....	1
W		
4	.....	1

43CH

CH	Functions	Descriptions
1	R1 Dimmer	0-100% Red1 dimmer from dark to bright
2	G1 Dimmer	0-100% Green1 dimmer from dark to bright
3	B1 Dimmer	0-100% Blue1 dimmer from dark to bright
...		
...		
22	R8 Dimmer	0-100% Red8 dimmer from dark to bright
23	G8 Dimmer	0-100% Green8 dimmer from dark to bright
24	B8 Dimmer	0-100% Blue8 dimmer from dark to bright
25	RGB Available Color	000-009,No functions 010-255,Color 1-33,please refer to color table
26	RGB Dimmer	0-100% RGB dimmer from dark to bright
27	RGB Fine Dimmer	0-100% RGB fine dimmer from dark to bright
28	RGB Strobe Effect	000-002,Open 003-005,Strobe 006-050,Slow strobe 051-100,Slow closing 101-150,Slow strobe,Slow closing 151-200,Lighting strobe 201-255,Random strobe
29	RGB Strobe Speed	Strobe speed from slow to fast
30	RGB Strobe Consecutive Time	Extend strobe time
31	RGB Effect	0—5:No functions Available Color Patterns:6-185 Unavailable Color Patterns:186-255 /*****Available Color Patterns*****/

		32,1-3,25CH should be open 6-9 Patterns 10-13 Patterns 1 14-17 Patterns 2 18-21 Patterns 3 22-25 Patterns 4 26-29 Patterns 5 30-33 Patterns 6 34-37 Patterns 7 38-41 Patterns 8 42-45 Patterns 9 46-49 Patterns 10 50-53 Patterns 11 54-57 Patterns 12 58-61 Patterns 13 62-65 Patterns 14 66-69 Patterns 15 70-73 Patterns 16 74-77 Patterns 17 78-81 Patterns 18 82-85 Patterns 19 86-89 Patterns 20 90-93 Patterns 21 94-97 Patterns 22 98-101 Patterns 23 102-105 Patterns 24 106-109 Patterns 25 110-113 Patterns 26 114-117 Patterns 27 118-121 Patterns 28 122-125 Patterns 29 126-129 Patterns 30 130-133 Patterns 31 134-137 Patterns 32 138-141 Patterns 33 142-145 Patterns 34 146-149 Patterns 35 150-153 Patterns 36 154-157 Patterns 37 158-161 Patterns 38 162-165 Patterns 39 166-169 Patterns 40 170-173 Patterns 41 174-177 Patterns 42 178-181 Patterns 43 182-185 Patterns 44 /*****/ /*****Unavailable Color Patterns*****/ 32CH should be open 186-189 Fading 190-193 Pulse 194-197 Jumping 198-201 Color patterns 1 202-205 Color patterns 2 206-209 Color patterns 3 210-213 Color patterns 4 214-217 Color patterns 5 218-221 Color patterns 6 222-227 Sound mode 1 228-233 Sound mode 2 234-239 Sound mode 3 240-245 Sound mode 4 246-255 Total sound mode /*****/
32	RGB Effect Speed	000,No functions 001-255,Effect speed from slow to fast
33	W1	0-100% White1 dimmer from dark to bright
...		
...		
36	W4	0-100% White4 dimmer from dark to bright
37	W Dimmer	0-100% White dimmer from dark to bright
38	W Fine Dimmer	0-100% White fine dimmer from dark to bright
39	W Strobe Effect	000-002,Open 003-005,Strobe

		006-050,Slow strobe 051-100,Slow closing 101-150,Slow strobe,Slow closing 151-200,Lighting strobe 201-255,Random strobe
40	W Strobe Speed	Strobe speed from slow to fast
41	W Strobe Consecutive Time	Extend strobe time
42	W Effect	0—5:No functions Available Color Patterns:6-222 Unavailable Color Patterns:223-255 /*****Available Color Patterns*****/ 43, 33CH should be open 6-12 Patterns 13-19 Patterns 1 20-26 Patterns 2 27-33 Patterns 3 34-40 Patterns 4 41-47 Patterns 5 48-54 Patterns 6 55-61 Patterns 7 62-68 Patterns 8 69-75 Patterns 9 76-82 Patterns 10 83-89 Patterns 11 90-96 Patterns 12 97-103 Patterns 13 104-110 Patterns 14 111-117 Patterns 15 118-124 Patterns 16 125-131 Patterns 17 132-138 Patterns 18 139-145 Patterns 19 146-152 Patterns 20 153-159 Patterns 21 160-166 Patterns 22 167-173 Patterns 23 174-180 Patterns 24 181-187 Patterns 25 188-194 Patterns 26 195-201 Patterns 27 202-208 Patterns 28 209-215 Patterns 29 216-222 Patterns 30 /*****/ /*****Unavailable Color Patterns*****/ 43CH should be open 223-229 Pulse 230-236 Jumping 237-240 Sound mode 1 241-244 Sound mode 2 245-248 Sound mode 3 249-252 Sound mode 4 253-255 Sound mode /*****/
43	W Effect Speed	000,No functions 001-255,Effect speed from slow to fast

LED Distribution

Forward

RGB

1	.....	4
5	.....	8

W

1		4
---	-------	---

Reverse

RGB

8		5
---	-------	---

4	.....	1
W		
4	.....	1

64CH

CH	Functions	Descriptions
1	R1 Dimmer	0-100% Red1 dimmer from dark to bright
2	G1 Dimmer	0-100% Green1 dimmer from dark to bright
3	B1 Dimmer	0-100% Blue1 dimmer from dark to bright
.....		
46	R16 Dimmer	0-100% Red16 dimmer from dark to bright
47	G16 Dimmer	0-100% Green16 dimmer from dark to bright
48	B16 Dimmer	0-100% Blue16 dimmer from dark to bright
49	W1 Dimmer	0-100% White1 dimmer from dark to bright
.....		
64	W16 Dimmer	0-100% White16 dimmer from dark to bright

LED Distribution

Forward

RGB

1	.....	8
9	.....	16

W

1		16
---	-------	----

Reverse

RGB

16	.....	9
8	.....	1

W

16		1
----	-------	---

112CH

CH	Functions	Descriptions
1	R1 Dimmer	0-100% Red1 dimmer from dark to bright
2	G1 Dimmer	0-100% Green1 dimmer from dark to bright
3	B1 Dimmer	0-100% Blue1 dimmer from dark to bright
.....		
94	R32 Dimmer	0-100% Red32 dimmer from dark to bright
95	G32 Dimmer	0-100% Green32 dimmer from dark to bright
96	B32 Dimmer	0-100% Blue32 dimmer from dark to bright
97	W1 Dimmer	0-100% White1 dimmer from dark to bright
.....		
112	W16 Dimmer	0-100% White16 dimmer from dark to bright

LED Distribution

Forward

RGB

1	.....	16
17	.....	32

W

1	.....	16
Reverse		
RGB		
32	.....	17
16	.....	1
W		
16	.....	1

127CH

CH	Functions	Description
1	R1 Dimmer	0-100% Red1 dimmer from dark to bright
2	G1 Dimmer	0-100% Green1 dimmer from dark to bright
3	B1 Dimmer	0-100% Blue1 dimmer from dark to bright
...		
...		
94	R32 Dimmer	0-100% Red32 dimmer from dark to bright
95	G32 Dimmer	0-100% Green32 dimmer from dark to bright
96	B32 Dimmer	0-100% Blue32 dimmer from dark to bright
97	RGB Available Color	000-009, No functions 010-255, Color 1-33, please refer to color table
98	RGB Dimmer	0-100% RGB dimmer from dark to bright
99	RGB Fine Dimmer	0-100% RGB fine dimmer from dark to bright
100	RGB Strobe Effect	000-002, Open 003-005, Strobe 006-050, Slow strobe 051-100, Slow closing 101-150, Slow closing 151-200, Lighting strobe 201-255, Random strobe
101	RGB Strobe Speed	From slow to fast
102	RGB Strobe Consecutive Time	Extend strobe time
103	RGB Effect	0—5: No functions Available Color Patterns: 6-185 Unavailable Color Patterns: 186-255 /***** Available Color Patterns *****/ 104, 1-3, CH should be open 6-9 Patterns 10-13 Patterns 1 14-17 Patterns 2 18-21 Patterns 3 22-25 Patterns 4 26-29 Patterns 5 30-33 Patterns 6 34-37 Patterns 7 38-41 Patterns 8 42-45 Patterns 9 46-49 Patterns 10 50-53 Patterns 11 54-57 Patterns 12 58-61 Patterns 13 62-65 Patterns 14 66-69 Patterns 15 70-73 Patterns 16 74-77 Patterns 17 78-81 Patterns 18 82-85 Patterns 19 86-89 Patterns 20 90-93 Patterns 21

		94-97 Patterns 22 98-101 Patterns 23 102-105 Patterns 24 106-109 Patterns 25 110-113 Patterns 26 114-117 Patterns 27 118-121 Patterns 28 122-125 Patterns 29 126-129 Patterns 30 130-133 Patterns 31 134-137 Patterns 32 138-141 Patterns 33 142-145 Patterns 34 146-149 Patterns 35 150-153 Patterns 36 154-157 Patterns 37 158-161 Patterns 38 162-165 Patterns 39 166-169 Patterns 40 170-173 Patterns 41 174-177 Patterns 42 178-181 Patterns 43 182-185 Patterns 44 /***** /*****Unavailable Color Patterns*****/ 103CH should be open 186-189 Fading 190-193 Pulse 194-197 Jumping 198-201 Color patterns 1 202-205 Color patterns 2 206-209 Color patterns 3 210-213 Color patterns 4 214-217 Color patterns 5 218-221 Color patterns 6 222-227 Sound mode 1 228-233 Sound mode 2 234-239 Sound mode 3 240-245 Sound mode 4 246-255 Total sound mode /*****
104	RGB Effect	000,No functions 001-255,RGB effect from slow to fast
105	W1 Dimmer	
...		
...		
120	W16 Dimmer	0-100% White16 dimmer from dark to bright
121	W Dimmer	0-100% White dimmer from dark to bright
122	W Fine Dimmer	0-100% White fine dimmer from dark to bright
123	W Strobe Effect	000-002,Open 003-005,Strobe 006-050,Slow strobe 051-100,Slow closing 101-150,Slow strobe,Slow closing 151-200,Lighting strobe 201-255,Random strobe
124	W Strobe Speed	Strobe speed from slow to fast
125	W Strobe Consecutive Time	Extend Strobe time
126	W Effect	0—5:No functions Available Color Patterns:6-222 Unavailable Color Patterns:223-255 /*****Available Color Patterns*****/ 126,105CH should be open 6-12 Patterns 13-19 Patterns 1 20-26 Patterns 2 27-33 Patterns 3

		34-40 Patterns 4 41-47 Patterns 5 48-54 Patterns 6 55-61 Patterns 7 62-68 Patterns 8 69-75 Patterns 9 76-82 Patterns 10 83-89 Patterns 11 90-96 Patterns 12 97-103 Patterns 13 104-110 Patterns 14 111-117 Patterns 15 118-124 Patterns 16 125-131 Patterns 17 132-138 Patterns 18 139-145 Patterns 19 146-152 Patterns 20 153-159 Patterns 21 160-166 Patterns 22 167-173 Patterns 23 174-180 Patterns 24 181-187 Patterns 25 188-194 Patterns 26 195-201 Patterns 27 202-208 Patterns 28 209-215 Patterns 29 216-222 Patterns 30 /*****/ /*****Unavailable Color Patterns*****/ 127CH should be open 223-229 Pulse 230-236 Jumping 237-240 Sound mode 1 241-244 Sound mode 2 245-248 Sound mode 3 249-252 Sound mode 4 253-255 Total sound mode /*****/
127	W Effect Speed	000,No functions 001-255,Effect speed from slow to fast

LED Distribution

Forward RGB

1		16
17		32

W

1		16
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Reverse RGB

32		17
16		1

W

16		1
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RGB Color Table

No.	Value	R	G	B
1	010-017	255	0	0
2	018-024	255	0	0
3	025-032	255	50	0
4	033-039	255	100	0
5	040-047	255	150	0
6	048-054	255	200	0
7	055-061	200	255	0
8	062-069	150	255	0
9	070-076	100	255	0
10	077-084	50	255	0
11	085-091	0	255	0
12	092-099	0	255	50
13	100-106	0	255	100
14	107-113	0	255	150
15	114-121	0	255	200
16	122-128	0	255	255
17	129-136	0	200	255
18	137-143	0	150	255
19	144-151	0	100	255
20	152-158	0	50	255
21	159-165	0	0	255
22	166-173	50	0	255
23	174-180	100	0	255
24	181-188	150	0	255
25	189-195	200	0	255
26	196-203	255	0	255
27	204-210	255	0	200
28	211-217	255	0	150
29	218-225	255	0	100
30	226-232	255	0	50
31	233-240	255	0	0
32	241-247	255	0	255
33	248-255	255	255	255

The device is controlled by universal DMX 512 protocol, DMX address is the start channel used to receive instructions from the external controller. For independent control, each fixture must be assigned its unique address control channels. For example, there is channel modes: 14/16, if we set the mode at standard 16 channels mode, and there are several models need to be independently controlled, we just simply address first fixture at 1, and second fixture at 17, third one at 33, etc.

- If the devices have the same address, they will behave synchronically.
- Display is flashing when no DMX signal is received.

8 More Functions

- Software upgrade function via DMX cable. If there is any new firmware for this device, it can be upgraded simply via a software upgrade box, without the need to change any mechanical parts.

The upgrade box is not included in the package, if you need any further assistance please contact your authorized dealer.

- Hibernation. The device will enter standby mode if activated after a period of disconnecting DMX signal to save power and will wake immediately when the DMX signal is sent or received again.

9 Technical Specifications

Power

- Input Voltage: 90~260V AC, 50/60Hz
- Power Consumption: 580W
- Fuse: F5A, 250V

Photometric

- Light Source: 288 pcs*1w White LEDs+576 pcs*0.5W RGB LEDs
- PWM: 1,000Hz
- LED Lifespan: 50,000hours

Effects

- Dimmer: 0~100%
- Horse race effect
- Individual LED zones: 32 RGB-zones+16 CW-zones
- Pulse effect
- Strobe:1-30Hz
- Pure smooth Color Mixing
- Smooth Dimmer: 0~100%
- Electric frost with variable speed
- Different kinds of preset macro effects with variable speed
- Outstanding strobe effect with variable speed

Control

- Protocol: DMX512, master-slave, sound activated or auto operation
- DMX Channels: 006/009/013/016/018/032/32A/038/043/064/112/127CH
- IP65 3-pin XLR IN/OUT
- IP65 PowerCON IN/OUT
- Display: 0.96 inch 4-button LED touch display control panel

Housing

- Materials: Aluminium die-cast
- Finishing: Matte black
- IP Rating: IP65
- Cooling: Fan
- Net Weight: 11.8kgs
- Gross Weight:12.6kgs
- Rigging: Power cable, signal cable

Cooling System

- Advanced cooling system integrated aluminum
- Constant temperature readout and management function
- Over temperature protection management

Working Environment

- Maximum Ambient Temperature:45°C
- Minimum Operating Temperature:-10°C
- Protection Rating:IP65

Approvals

- CE compliant
- RoHS compliant

10 Periodic check-ups



WARNING! Disconnect from mains before serving

10.1 Mechanical Parts

Periodically check all mechanical parts, gears, guides, belts, etc., for wear and tear. Replace them if necessary.

Periodically check the lubrication of all components, particularly the parts subjected to high temperatures. If necessary, apply suitable lubricant (available from factory) where needed.

Check the tension of the belts and adjust them where necessary.

10.2 Electrical Components

Check all electrical components for correct earthing and proper connection of all connectors. Refasten where necessary.

