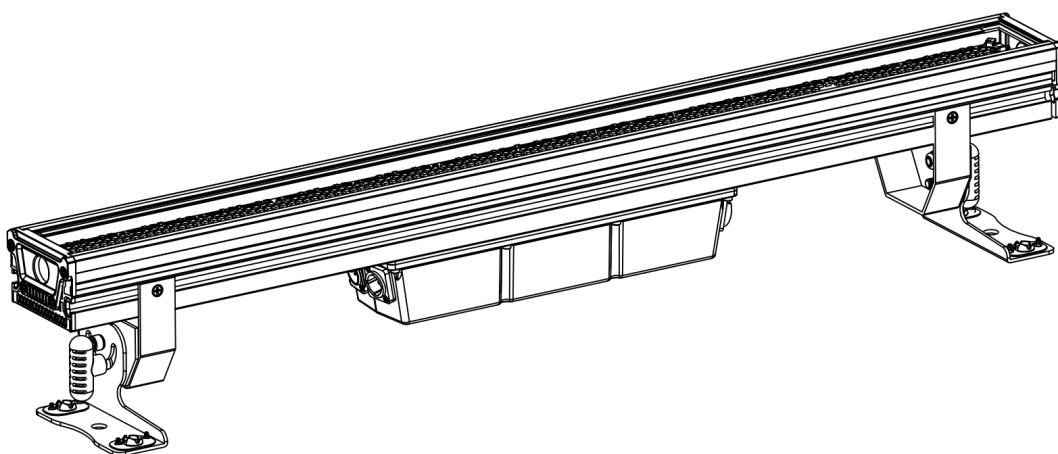


广州朗文光电有限公司
GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

Longman

Euphoreon Quad 24W24



USER MANUAL

1. Summary

➤ Summary

- Thank you for purchasing our Euphoreon Quad24W24. Please read these instructions carefully before begin and operate the fixtures according to these instructions to avoid any possible damages and accidents causes by misusing

➤ Product introduction

Euphoreon Quad24W24 adopts low power LED, which refers to single LED is made of RGB 3-IN-1 and W LED, And long life span, low consumption, high brightness are the most prominent features. Each kind of LED can be independently dimmed. The built-in program includes dimming, strobe, gradual change, fading and so on. It uses power switch, performs low weight and consumption, stable capability and long life. International standard DMX 512 signal is requested.

➤ Packing List

- Euphoreon Quad24W24 1 PC
- DMX Signal Cable 1 Set
- Input power cable 1 PC
- User Manual
- Warranty Card

2. Safety Instruction

➤ Safety Notes

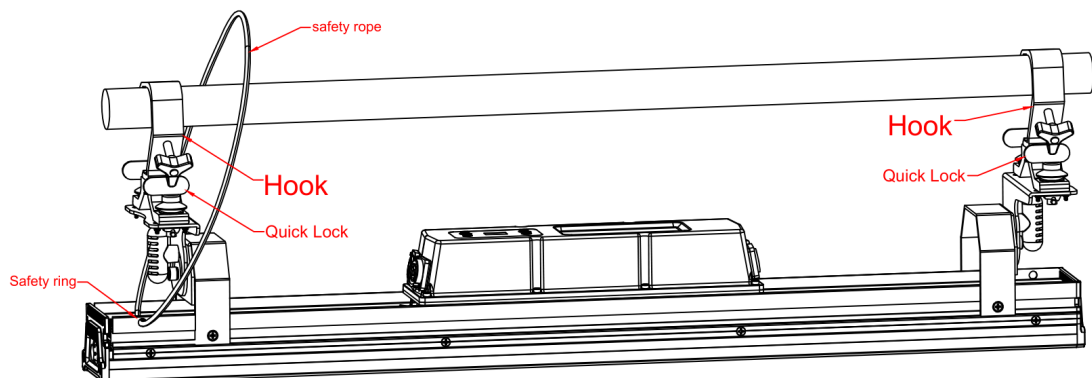
- ! Enquire the skilled LED people before any repair;
- ! Always make sure disconnect from the power source before setting up, serving and moving;.
- ! Avoid direct eye exposure to the fixture when it is on;



instruction

- Make sure the power supply voltage are consistent with this lights, Ensure the use of voltage is in the range of the request technical parameter.
- Before the installation, please check the light's fasteners and mechanical structure have been received in good condition and appear no damage.
- This light is designed for outdoor use; working temperature is lower than 40 degree centigrade.
- The fixtures maybe mounted in any position provided there is adequate room for ventilation. Make sure there are no inflammable and explosive items (ornaments) in 0.5 meters away.
- Yellow / green cabling earthling safety; no flicker when the fixture is working on.

Fixture ceiling installation



Fix the hook on the handle of the fixture, and hang the fixture to a fixed bracket with the hook, please make sure the installation of the fixture safety and reliable, and guarantee the lifting location has sufficient strength to withstand the weight of the fixture. For security reasons, please according to warning of the above picture (marked in the middle of operation panel of the fixture) the equipped safety cable should be passed through the hold for hoisting to ensure safety.

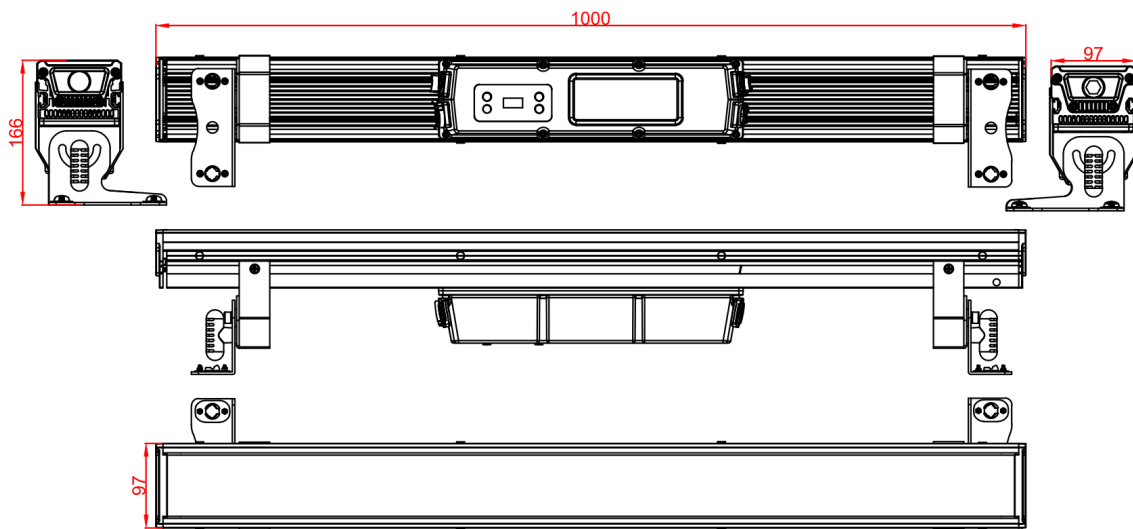
广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

Warning:

1, the hook is used only when hoisting fixture. The hook is prohibited as a carry handle to carry the fixture. For security reasons, please use the safety cable which can withstand 10 times the weight of the fixture to pass through the insurance hole for hoisting

3. Outside Size Picture



4. Main Function

- Input voltage: AC 100V-240V/50-60HZ
- Consume: 350W
- Lamp Type: 5050-480*0.5W RGB 3-IN-1 LED+240*1W LED
- 48 Sections

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

- Life span: 50000~100000hours
- Channel: 4CH/5CH/6CH/11CH/14CH/19CH/27CH/35CH/43CH/71CH/75CH/107CH/203CH/PX6
 RGB/PX8 RGB/PX12 RGB/PX16 RGB/PX24 RGB/PX48 RGB/PX6 All/PX8 All/PX12 All/PX16
 All/PX24 All/PX48 All
- Dim Curve: Linear/Square/Inverse SQ/S-Curve
- Display: Rotate/Intensity/Temp Unit/Lock SW
- Control Signal: DMX512/RDM
- Cooling mode: **Natural Convection**
- Anti-electricity intension: 1.5KV
- Insulation Resistance: >2MΩ
- Angle: **IPL104°**, **Electronic atomization angle effect 110°**
- Protection: **IP65**
- Size: **1000*97*166.mm**
- Net weight: **8.1Kg**
-

5. DMX Control Function

➤ DMX Channels

6CH	
CHANNEL	NAME
1	FROST
2	DIM ALL
3	R
4	G

5CH	
CHANNEL	NAME
1	FROST
2	R
3	G
4	B

4CH	
CHANNEL	NAME
1	FROST
2	R
3	G
4	B

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

5	B
6	W

5	W
---	---

14CH	
CHANNEL	NAME
1	FROST
2	DIM ALL
3	R
4	G
5	B
6	W
7	GLOW STROBE
8	GLOW EFFECT
9	GLOW AUTO SPEED
10	GLOW VIRTUAL COLOR WHEEL
11	HALO STROBE
12	HALO EFFECT
13	HALO AUTO SPEED
14	DIMMER MODE

11CH	
CHANNEL	NAME
1	FROST
2	DIM ALL
3	R
4	G
5	B
6	W
7	STROBE
8	EFFECT
9	AUTO SPEED
10	VIRTUAL COLOR WHEEL
11	DIMMER MODE

27CH	
CHANNEL	NAME
1	FROST
2	DIM RGB
3	R1
4	G1
5	B1
6	R2
7	G2
8	B2
9	R3
10	G3
11	B3
12	R4
13	G4
14	B4

19CH	
CHANNEL	NAME
1	FROST
2	DIM RGB
3	R1
4	G1
5	B1
6	R2
7	G2
8	B2
9	GLOW STROBE
10	GLOW EFFECT
11	GLOW AUTO SPEED
12	GLOW VIRTUAL COLOR WHEEL
13	DIM W
14	W1

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

15	GLOW STROBE
16	GLOW EFFECT
17	GLOW AUTO SPEED
18	GLOW VIRTUAL COLOR WHEEL
19	DIM W
20	W1
21	W2
22	W3
23	W4
24	HALO STROBE
25	HALO EFFECT
26	HALO AUTO SPEED
27	DIMMER MODE

15	W2
16	HALO STROBE
17	HALO EFFECT
18	HALO AUTO SPEED
19	DIMMER MODE

43CH	
CHANNEL	NAME
1	FROST
2	DIM RGB
3	R1
4	G1
5	B1
6	R2
7	G2
8	B2
9	R3
10	G3
11	B3
12	R4
13	G4
14	B4
15	R5
16	G5
17	B5
18	R6
19	G6
20	B6
21	R7

35CH	
CHANNEL	NAME
1	FROST
2	DIM RGB
3	R1
4	G1
5	B1
6	R2
7	G2
8	B2
9	R3
10	G3
11	B3
12	R4
13	G4
14	B4
15	R5
16	G5
17	B5
18	R6
19	G6
20	B6
21	GLOW STROBE

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

22	G7
23	B7
24	R8
25	G8
26	B8
27	GLOW STROBE
28	GLOW EFFECT
29	GLOW AUTO SPEED
30	GLOW VIRTUAL COLOR WHEEL
31	DIM W
32	W1
33	W2
34	W3
35	W4
36	W5
37	W6
38	W7
39	W8
40	HALO STROBE
41	HALO EFFECT
42	HALO AUTO SPEED
43	DIMMER MODE

22	GLOW EFFECT
23	GLOW AUTO SPEED
24	GLOW VIRTUAL COLOR WHEEL
25	DIM W
26	W1
27	W2
28	W3
29	W4
30	W5
31	W6
32	HALO STROBE
33	HALO EFFECT
34	HALO AUTO SPEED
35	DIMMER MODE

71CH			
CHANNEL	NAME	CHANNEL	NAME
1	FROST	44	W1
2	DIM RGB	45	W2
3	R1	46	W3
4	G1	47	W4
5	B1	48	W5
6	R2	49	W6
7	G2	50	W7
8	B2	51	W8
9	R3	52	W9
10	G3	53	W10
11	B3	54	W11

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

12	R4	55	W12
13	G4	56	W1
14	B4	57	W2
15	R5	58	W3
16	G5	59	W4
17	B5	60	W5
18	R6	61	W6
19	G6	62	W7
20	B6	63	W8
21	R7	64	W9
22	G7	65	W10
23	B7	66	W11
24	R8	67	W12
25	G8	68	HALO STROBE
26	B8	69	HALO EFFECT
27	R9	70	HALO AUTO SPEED
28	G9	71	DIMMER MODE
29	B9		
30	R10		
31	G10		
32	B10		
33	R11		
34	G11		
35	B11		
36	R12		
37	G12		
38	B12		
39	GLOW STROBE		
40	GLOW EFFECT		
41	GLOW AUTO SPEED		
42	GLOW VIRTUAL COLOR WHEEL		
43	DIM W		

75CH			
CHANNEL	NAME	CHANNEL	NAME
1	FROST	44	B14
2	DIM	45	R15

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

	RGB		
3	R1	46	G15
4	G1	47	B15
5	B1	48	R16
6	R2	49	G16
7	G2	50	B16
8	B2	51	GLOW STROBE
9	R3	52	GLOW EFFECT
10	G3	53	GLOW AUTO SPEED
11	B3	54	GLOW VIRTUAL COLOR WHEEL
12	R4	55	DIM W
13	G4	56	W1
14	B4	57	W2
15	R5	58	W3
16	G5	59	W4
17	B5	60	W5
18	R6	61	W6
19	G6	62	W7
20	B6	63	W8
21	R7	64	W9
22	G7	65	W10
23	B7	66	W11
24	R8	67	W12
25	G8	68	W13
26	B8	69	W14
27	R9	70	W15
28	G9	71	W16
29	B9	72	HALO STROBE
30	R10	73	HALO EFFECT
31	G10	74	HALO AUTO SPEED
32	B10	75	DIMMER MODE
33	R11		
34	G11		
35	B11		
36	R12		
37	G12		
38	B12		

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

39	R13		
40	G13		
41	B13		
42	R14		
43	G14		

107CH					
CHANNEL	NAME	CHANNEL	NAME	CHANNEL	NAME
1	FROST	44	B14	87	W8
2	DIM RGB	45	R15	88	W9
3	R1	46	G15	89	W10
4	G1	47	B15	90	W11
5	B1	48	R16	91	W12
6	R2	49	G16	92	W13
7	G2	50	B16	93	W14
8	B2	51	R17	94	W15
9	R3	52	G17	95	W16
10	G3	53	B17	96	W17
11	B3	54	R18	97	W18
12	R4	55	G18	98	W19
13	G4	56	B18	99	W20
14	B4	57	R19	100	W21
15	R5	58	G19	101	W22
16	G5	59	B19	102	W23
17	B5	60	R20	103	W24
18	R6	61	G20	104	HALO STROBE
19	G6	62	B20	105	HALO EFFECT
20	B6	63	R21	106	HALO AUTO SPEED
21	R7	64	G21	107	DIMMER MODE
22	G7	65	B21		
23	B7	66	R22		
24	R8	67	G22		
25	G8	68	B22		
26	B8	69	R23		
27	R9	70	G23		
28	G9	71	B23		
29	B9	72	R24		

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

30	R10	73	G24		
31	G10	74	B24		
32	B10	75	GLOW STROBE		
33	R11	76	GLOW EFFECT		
34	G11	77	GLOW AUTO SPEED		
35	B11	78	GLOW VIRTUAL COLOR WHEEL		
36	R12	79	DIM W		
37	G12	80	W1		
38	B12	81	W2		
39	R13	82	W3		
40	G13	83	W4		
41	B13	84	W5		
42	R14	85	W6		
43	G14	86	W7		

PIX 8(RGB)[25CH]	
CHANNEL	NAME
1	FROST
2	R1
3	G1
4	B1
5	R2
6	G2
7	B2
8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	R5
15	G5
16	B5
17	R6
18	G6
19	B6

PIX 6(RGB)[19CH]	
CHANNEL	NAME
1	FROST
2	R1
3	G1
4	B1
5	R2
6	G2
7	B2
8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	R5
15	G5
16	B5
17	R6
18	G6
19	B6

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

20	R7
21	G7
22	B7
23	R8
24	G8
25	B8

PIX 16(RGB)[49CH]	
CHANNEL	NAME
1	FROST
2	R1
3	G1
4	B1
5	R2
6	G2
7	B2
8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	R5
15	G5
16	B5
17	R6
18	G6
19	B6
20	R7
21	G7
22	B7
23	R8
24	G8
25	B8
26	R9
27	G9
28	B9
29	R10

PIX 12(RGB)[37CH]	
CHANNEL	NAME
1	FROST
2	R1
3	G1
4	B1
5	R2
6	G2
7	B2
8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	R5
15	G5
16	B5
17	R6
18	G6
19	B6
20	R7
21	G7
22	B7
23	R8
24	G8
25	B8
26	R9
27	G9
28	B9
29	R10

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

30	G10
31	B10
32	R11
33	G11
34	B11
35	R12
36	G12
37	B12
38	R13
39	G13
40	B13
41	R14
42	G14
43	B14
44	R15
45	G15
46	B15
47	R16
48	G16
49	B16

30	G10
31	B10
32	R11
33	G11
34	B11
35	R12
36	G12
37	B12

PIX 24(RGB)[73CH]			
CHANNEL	NAME	CHANNEL	NAME
1	FROST	59	R20
2	R1	60	G20
3	G1	61	B20
4	B1	62	R21
5	R2	63	G21
6	G2	64	B21
7	B2	65	R22
8	R3	66	G22
9	G3	67	B22
10	B3	68	R23
11	R4	69	G23
12	G4	70	B23
13	B4	71	R24
14	R5	72	G24

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

15	G5	73	B24
16	B5		
17	R6		
18	G6		
19	B6		
20	R7		
21	G7		
22	B7		
23	R8		
24	G8		
25	B8		
26	R9		
27	G9		
28	B9		
29	R10		
30	G10		
31	B10		
32	R11		
33	G11		
34	B11		
35	R12		
36	G12		
37	B12		
38	R13		
39	G13		
40	B13		
41	R14		
42	G14		
43	B14		
44	R15		
45	G15		
46	B15		
47	R16		
48	G16		
49	B16		
50	R17		
51	G17		
52	B17		

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

53	R18		
54	G18		
55	B18		
56	R19		
57	G19		
58	B19		

PIX 48(RGB)[145CH]					
CHANNEL	NAME	CHANNEL	NAME	CHANNEL	NAME
1	FROST	59	R20	117	G39
2	R1	60	G20	118	B39
3	G1	61	B20	119	R40
4	B1	62	R21	120	G40
5	R2	63	G21	121	B40
6	G2	64	B21	122	R41
7	B2	65	R22	123	G41
8	R3	66	G22	124	B41
9	G3	67	B22	125	R42
10	B3	68	R23	126	G42
11	R4	69	G23	127	B42
12	G4	70	B23	128	R43
13	B4	71	R24	129	G43
14	R5	72	G24	130	B43
15	G5	73	B24	131	R44
16	B5	74	R25	132	G44
17	R6	75	G25	133	B44
18	G6	76	B25	134	R45
19	B6	77	R26	135	G45
20	R7	78	G26	136	B45
21	G7	79	B26	137	R46
22	B7	80	R27	138	G46
23	R8	81	G27	139	B46
24	G8	82	B27	140	R47
25	B8	83	R28	141	G47
26	R9	84	G28	142	B47
27	G9	85	B28	143	R48
28	B9	86	R29	144	G48
29	R10	87	G29	145	B48

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

30	G10	88	B29		
31	B10	89	R30		
32	R11	90	G30		
33	G11	91	B30		
34	B11	92	R31		
35	R12	93	G31		
36	G12	94	B31		
37	B12	95	R32		
38	R13	96	G32		
39	G13	97	B32		
40	B13	98	R33		
41	R14	99	G33		
42	G14	100	B33		
43	B14	101	R34		
44	R15	102	G34		
45	G15	103	B34		
46	B15	104	R35		
47	R16	105	G35		
48	G16	106	B35		
49	B16	107	R36		
50	R17	108	G36		
51	G17	109	B36		
52	B17	110	R37		
53	R18	111	G37		
54	G18	112	B37		
55	B18	113	R38		
56	R19	114	G38		
57	G19	115	B38		
58	B19	116	R39		

PIX 8(RGBW)[33CH]	
CHANNEL	NAME
1	FROST
2	R1
3	G1
4	B1
5	R2
6	G2

PIX 6(RGBW)[25CH]	
CHANNEL	NAME
1	FROST
2	R1
3	G1
4	B1
5	R2
6	G2

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

7	B2
8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	R5
15	G5
16	B5
17	R6
18	G6
19	B6
20	R7
21	G7
22	B7
23	R8
24	G8
25	B8
26	W1
27	W2
28	W3
29	W4
30	W5
31	W6
32	W7
33	W8

7	B2
8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	R5
15	G5
16	B5
17	R6
18	G6
19	B6
20	W1
21	W2
22	W3
23	W4
24	W5
25	W6

PIX 16(RGBW)[65CH]			
CHANNEL	NAME	CHANNEL	NAME
1	FROST	59	W10
2	R1	60	W11
3	G1	61	W12
4	B1	62	W13
5	R2	63	W14
6	G2	64	W15
7	B2	65	W16

PIX 12(RGBW)[49CH]	
CHANNEL	NAME
1	FROST
2	R1
3	G1
4	B1
5	R2
6	G2
7	B2

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

8	R3		
9	G3		
10	B3		
11	R4		
12	G4		
13	B4		
14	R5		
15	G5		
16	B5		
17	R6		
18	G6		
19	B6		
20	R7		
21	G7		
22	B7		
23	R8		
24	G8		
25	B8		
26	R9		
27	G9		
28	B9		
29	R10		
30	G10		
31	B10		
32	R11		
33	G11		
34	B11		
35	R12		
36	G12		
37	B12		
38	R13		
39	G13		
40	B13		
41	R14		
42	G14		
43	B14		
44	R15		
45	G15		

8	R3
9	G3
10	B3
11	R4
12	G4
13	B4
14	R5
15	G5
16	B5
17	R6
18	G6
19	B6
20	R7
21	G7
22	B7
23	R8
24	G8
25	B8
26	R9
27	G9
28	B9
29	R10
30	G10
31	B10
32	R11
33	G11
34	B11
35	R12
36	G12
37	B12
38	W1
39	W2
40	W3
41	W4
42	W5
43	W6
44	W7
45	W8

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

46	B15		
47	R16		
48	G16		
49	B16		
50	W1		
51	W2		
52	W3		
53	W4		
54	W5		
55	W6		
56	W7		
57	W8		
58	W9		

46	W9
47	W10
48	W11
49	W12

PIX 24(RGBW)[97CH]			
CHANNEL	NAME	CHANNEL	NAME
1	FROST	59	R20
2	R1	60	G20
3	G1	61	B20
4	B1	62	R21
5	R2	63	G21
6	G2	64	B21
7	B2	65	R22
8	R3	66	G22
9	G3	67	B22
10	B3	68	R23
11	R4	69	G23
12	G4	70	B23
13	B4	71	R24
14	R5	72	G24
15	G5	73	B24
16	B5	74	W1
17	R6	75	W2
18	G6	76	W3
19	B6	77	W4
20	R7	78	W5
21	G7	79	W6
22	B7	80	W7

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

23	R8	81	W8
24	G8	82	W9
25	B8	83	W10
26	R9	84	W11
27	G9	85	W12
28	B9	86	W13
29	R10	87	W14
30	G10	88	W15
31	B10	89	W16
32	R11	90	W17
33	G11	91	W18
34	B11	92	W19
35	R12	93	W20
36	G12	94	W21
37	B12	95	W22
38	R13	96	W23
39	G13	97	W24
40	B13		
41	R14		
42	G14		
43	B14		
44	R15		
45	G15		
46	B15		
47	R16		
48	G16		
49	B16		
50	R17		
51	G17		
52	B17		
53	R18		
54	G18		
55	B18		
56	R19		
57	G19		
58	B19		

PIX 48(RGBW)[193CH]

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

CHANNEL	NAME	CHANNEL	NAME	CHANNEL	NAME	CHANNEL	NAME
1	FROST	59	R20	117	G39	175	W30
2	R1	60	G20	118	B39	176	W31
3	G1	61	B20	119	R40	177	W32
4	B1	62	R21	120	G40	178	W33
5	R2	63	G21	121	B40	179	W34
6	G2	64	B21	122	R41	180	W35
7	B2	65	R22	123	G41	181	W36
8	R3	66	G22	124	B41	182	W37
9	G3	67	B22	125	R42	183	W38
10	B3	68	R23	126	G42	184	W39
11	R4	69	G23	127	B42	185	W40
12	G4	70	B23	128	R43	186	W41
13	B4	71	R24	129	G43	187	W42
14	R5	72	G24	130	B43	188	W43
15	G5	73	B24	131	R44	189	W44
16	B5	74	R25	132	G44	190	W45
17	R6	75	G25	133	B44	191	W46
18	G6	76	B25	134	R45	192	W47
19	B6	77	R26	135	G45	193	W48
20	R7	78	G26	136	B45		
21	G7	79	B26	137	R46		
22	B7	80	R27	138	G46		
23	R8	81	G27	139	B46		
24	G8	82	B27	140	R47		
25	B8	83	R28	141	G47		
26	R9	84	G28	142	B47		
27	G9	85	B28	143	R48		
28	B9	86	R29	144	G48		
29	R10	87	G29	145	B48		
30	G10	88	B29	146	W1		
31	B10	89	R30	147	W2		
32	R11	90	G30	148	W3		
33	G11	91	B30	149	W4		
34	B11	92	R31	150	W5		
35	R12	93	G31	151	W6		
36	G12	94	B31	152	W7		
37	B12	95	R32	153	W8		

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

38	R13	96	G32	154	W9		
39	G13	97	B32	155	W10		
40	B13	98	R33	156	W11		
41	R14	99	G33	157	W12		
42	G14	100	B33	158	W13		
43	B14	101	R34	159	W14		
44	R15	102	G34	160	W15		
45	G15	103	B34	161	W16		
46	B15	104	R35	162	W17		
47	R16	105	G35	163	W18		
48	G16	106	B35	164	W19		
49	B16	107	R36	165	W20		
50	R17	108	G36	166	W21		
51	G17	109	B36	167	W22		
52	B17	110	R37	168	W23		
53	R18	111	G37	169	W24		
54	G18	112	B37	170	W25		
55	B18	113	R38	171	W26		
56	R19	114	G38	172	W27		
57	G19	115	B38	173	W28		
58	B19	116	R39	174	W29		

203CH

CHANNEL	NAME	CHANNEL	NAME	CHANNEL	NAME	CHANNEL	NAME	CHANNEL	NAME
1	FRO ST	44	B14	87	R29	130	G43	173	W22
2	DIM RGB	45	R15	88	G29	131	B43	174	W23
3	R1	46	G15	89	B29	132	R44	175	W24
4	G1	47	B15	90	R30	133	G44	176	W25
5	B1	48	R16	91	G30	134	B44	177	W26
6	R2	49	G16	92	B30	135	R45	178	W27
7	G2	50	B16	93	R31	136	G45	179	W28
8	B2	51	R17	94	G31	137	B45	180	W29
9	R3	52	G17	95	B31	138	R46	181	W30
10	G3	53	B17	96	R32	139	G46	182	W31
11	B3	54	R18	97	G32	140	B46	183	W32
12	R4	55	G18	98	B32	141	R47	184	W33

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

13	G4	56	B18	99	R33	142	G47	185	W34
14	B4	57	R19	100	G33	143	B47	186	W35
15	R5	58	G19	101	B33	144	R48	187	W36
16	G5	59	B19	102	R34	145	G48	188	W37
17	B5	60	R20	103	G34	146	B48	189	W38
18	R6	61	G20	104	B34	147	GLOW STROBE	190	W39
19	G6	62	B20	105	R35	148	GLOW EFFECT	191	W40
20	B6	63	R21	106	G35	149	GLOW AUTOSPEED	192	W41
21	R7	64	G21	107	B35	150	GLOW VIRTUAL COLOR WHEEL	193	W42
22	G7	65	B21	108	R36	151	DIM W	194	W43
23	B7	66	R22	109	G36	152	W1	195	W44
24	R8	67	G22	110	B36	153	W2	196	W45
25	G8	68	B22	111	R37	154	W3	197	W46
26	B8	69	R23	112	G37	155	W4	198	W47
27	R9	70	G23	113	B37	156	W5	199	W48
28	G9	71	B23	114	R38	157	W6	200	HALO STROBE
29	B9	72	R24	115	G38	158	W7	201	HALO EFFECT
30	R10	73	G24	116	B38	159	W8	202	HALO

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

									AUT O SPE ED
31	G10	74	B24	117	R39	160	W9	203	DIM MER MOD E
32	B10	75	R25	118	G39	161	W10		
33	R11	76	G25	119	B39	162	W11		
34	G11	77	B25	120	R40	163	W12		
35	B11	78	R26	121	G40	164	W13		
36	R12	79	G26	122	B40	165	W14		
37	G12	80	B26	123	R41	166	W15		
38	B12	81	R27	124	G41	167	W16		
39	R13	82	G27	125	B41	168	W17		
40	G13	83	B27	126	R42	169	W18		
41	B13	84	R28	127	G42	170	W19		
42	R14	85	G28	128	B42	171	W20		
43	G14	86	B28	129	R43	172	W21		

DIM ALL	0-255	DARK->LIGHT
FROST	0-127	FROST CLOSE
	128-255	FROST OPEN
RED	0-255	DARK->LIGHT
GREEN	0-255	DARK->LIGHT
BLUE	0-255	DARK->LIGHT
AMBER	0-255	DARK->LIGHT
WHITE	0-255	DARK->LIGHT
GLOW STROBE	0-5	No strobe
	6-20	Not synchronous strobe(slow to fast)
	21-60	Synchronous strobe(slow to fast)
	61-100	Electronic Sine wave(slow to fast)
	101-140	Random Strobe(slow to fast)
	141-180	Opening pulse(slow to fast)
	181-220	Closing pulse(slow to fast)
	221-255	Electronic Square wave(slow to fast)
GLOW	0-5	NO EFFECT

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

EFFECT	6-10	CT01(Call custom color CT01)
	11-15	CT02
	16-20	CT03
	21-25	CT04
	26-30	CT05
	31-35	CT06
	36-40	CT07
	41-45	CT08
	46-50	CT09
	51-55	CT10
	56-60	AUTO 1
	61-65	AUTO 2
	66-70	AUTO 3
	71-75	AUTO 4
	76-80	AUTO 5
	81-85	AUTO 6
	86-90	AUTO 7
	91-95	AUTO 8
	96-100	AUTO 9
	101-105	AUTO 10
	106-110	AUTO 11
	111-115	AUTO 12
	116-120	AUTO 13
	121-125	AUTO 14
	126-130	AUTO 15
	131-135	AUTO 16
	136-140	AUTO 17
	141-145	AUTO 18
	146-150	AUTO 19
	151-155	AUTO 20
	156-160	AUTO 21
	161-165	AUTO 22
	166-170	AUTO 23
	171-175	AUTO 24
	176-180	AUTO 25
	181-185	AUTO 26
	186-190	AUTO 27
	191-195	AUTO 28

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

	196-200	AUTO 29
	201-205	AUTO 30
	206-210	AUTO 31
	211-215	AUTO 32
	216-220	AUTO 33
	221-225	CHASE1
	226-230	CHASE2
	231-235	CHASE3
	236-251	R:236,G:237,B:238,,L:239,RGBL:240,YELLOW:241,PINK:242,CYAN:243,ORANGE:244,VIOLET:245,GOLDEN:246,2700K:247,3200K:248,4000K:249,5500K:250,6500K:251,
GLOW AUTO SPEED	252-255	RESERVED
	0-255	AUTO SPEED,FAST->SLOW
GLOW VIRTUAL COLOR WHEEL (RGB color mixing instead of RGB channels but W channels not affected)	0-10	No effect
	11	Blue (Blue=full, Red+Green+Lime=0)(step)
	12-50	Red=0, Green->up,Blue =full, Lime=0(proportional)
	51	Light Blue (Red=0, Green=full, Blue =full, Lime=0)(step)
	52-90	Red=0, Green=full, Blue->down, Lime=0(proportional)
	91	Green (Red=0, Green=full, Blue =0, Lime=0)(step)
	92-130	Red->up, Green=full, Blue=0, Lime=0(proportional)
	131	Yellow (Red=full, Green=full, Blue=0, Lime=0)(step)
	132-170	Red=full, Green->down, Blue=0, Lime=0(proportional)
	171	Red(Red=full, Green=0, Blue=0, Lime=0)(step)
	172-210	Red=full, Green=0, Blue->up, Lime=0(proportional)
	211	Magenta (Red=full, Green=0, Blue=full, Lime=0)(step)
	212-250	Red -> down, Green=0, Blue=full, Lime=0(proportional)
HALO STROBE	251-255	Blue (Red=0, Green=0, Blue=full, Lime=0)(step)
	0-5	No strobe
	6-20	Not synchronous strobe(slow to fast)
	21-60	Synchronous strobe(slow to fast)
	61-100	Electronic Sine wave(slow to fast)
	101-140	Random Strobe(slow to fast)
	141-180	Opening pulse(slow to fast)

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

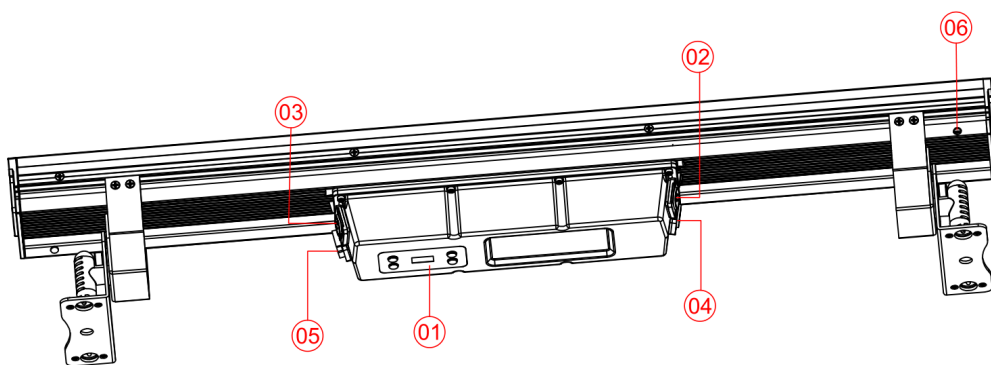
	181-220	Closing pulse(slow to fast)
	221-255	Electronic Square wave(slow to fast)
HALO EFFECT	0-5	NO EFFECT
	6-10	CT01(Call custom color CT01)
	11-15	NO EFFECT
	16-20	NO EFFECT
	21-25	NO EFFECT
	26-30	NO EFFECT
	31-35	NO EFFECT
	36-40	NO EFFECT
	41-45	NO EFFECT
	46-50	NO EFFECT
	51-55	NO EFFECT
	56-60	NO EFFECT
	61-65	NO EFFECT
	66-70	NO EFFECT
	71-75	NO EFFECT
	76-80	NO EFFECT
	81-85	NO EFFECT
	86-90	NO EFFECT
	91-95	AUTO 1
	96-100	AUTO 2
	101-105	AUTO 3
	106-110	AUTO 4
	111-115	AUTO 5
	116-120	AUTO 6
	121-125	AUTO 7
	126-130	AUTO 8
	131-135	AUTO 9
	136-140	AUTO 10
	141-145	AUTO 11
	146-150	AUTO 12
	151-155	AUTO 13
	156-160	AUTO 14
	161-165	AUTO 15
	166-170	AUTO 16
	171-175	AUTO 17
	176-180	AUTO 18

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

	181-185	AUTO 19
	186-190	AUTO 20
	191-195	AUTO 21
	196-200	AUTO 22
	201-205	AUTO 23
	206-210	AUTO 24
	211-215	AUTO 25
	216-220	AUTO 26
	221-225	NO EFFECT
	226-230	NO EFFECT
	231-235	NO EFFECT
	236-251	RESERVED
	252-255	RESERVED
HALO AUTO SPEED	0-255	AUTO SPEED,FAST->SLOW
DIMMER MODE	0-10	Use the dimmer mode which menu had set up
	11-20	Linear curve and not smooth
	21-30	Square law curve and not smooth
	31-40	Inverse square law curve and not smooth
	41-50	S-curve and not smooth
	51-60	Linear curve and smooth
	61-70	Square law curve and smooth
	71-80	Inverse square law curve and smooth
	81-90	S-curve and smooth
	91-255	Use the dimmer mode which menu had set up

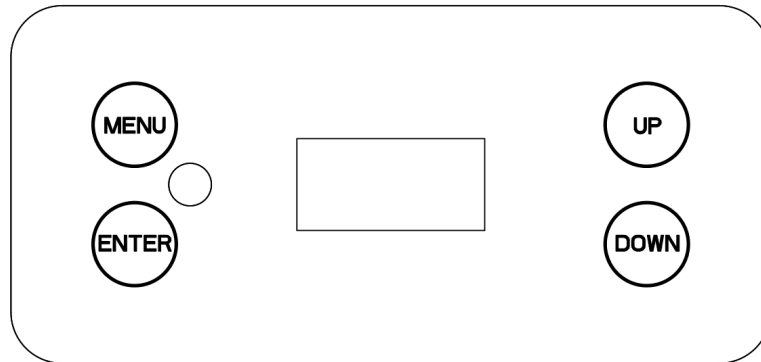
6. Control panel



广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

1、Display screen: Displays various function menus



- MENU : access the menu or return to a previous menu option
- ENTER: select the current menu option
- UP: menu selection or parameter increments
- DOWN: menu selection or parameters decrease

2、DMX IN: For DMX512 connection, use 3/5 core XLR signal line to connect the console and the lamp

3、DMX OUT: For DMX512 connection, use 3/5 core XLR signal line to connect the console and the lamp

4、Power in: Connected power supply

5、Power out: Connect the next light fixture

6、Safety ring

Menu Tree

TAB	LEVEL1	LEVEL2	LEVEL3	LEVEL4
ADDR(Addresses)	001-512			
STAT(Static control)	FROST	<u>0-255 *</u>		
	R1	<u>0-255 *</u>		
	G1	<u>0-255 *</u>		
	B1	<u>0-255 *</u>		
	W1	<u>0-255 *</u>		
	R2	<u>0-255 *</u>		
	G2	<u>0-255 *</u>		
	B2	<u>0-255 *</u>		
	W2	<u>0-255 *</u>		
	SHUT	<u>0-255 *</u>		

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

	PRSC(Preset color)	NONE,R,G,B,L, RGBW ,YELLOW,PINK,CYAN,ORANGE,VIOLET,GOLDEN,2700K,3200K,4000K,5500K,6500K		
SET(Set)	CAL(Calibration)	FROST	0-255	
		R	0-255	
		G	0-255	
		B	0-255	
		W	0-255	
		USE	YES/NO	
	CHMD(Channel mode)	4CH		
		5CH		
		6CH		
		11CH		Normal
		14CH		
		19CH		
		27CH		
		35CH		
		43CH		
		71CH		
		75CH		
		107CH		
		203CH		
		PX6 RGB		
		PX8 RGB		
		PX12 RGB		
		PX16 RGB		
		PX24 RGB		
		PX48 RGB		
		PX6 All		
		PX8 All		
		PX12 All		
		PX16 All		
		PX24 All		
		PX48 All		
	DIM(Dimming mode)	LIN(linear)/SQR(square law)/ISQR(inverse square law)/SCUR(S-curve)/LIN.(linear smooth)/SQR.(square law smooth)/ISQR.(inverse square law smooth)/SCUR.(S-curve smooth)	4KHz	

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

	DISY(Display set)	ON(Permanent on)		
		2 OFF (2 minutes off)		
	LOCK (Key 2 minutes lock)	YES/NO (Unlock: UP→DOWN→UP→DOWN→ENTER)		
	Rotate	Normal		
		Rotate 180°C		
	INT	1-100		
CTST(Custom color set)	CT01	FROST	0-255	
	.	R	0-255	
	.	G	0-255	
	.	B	0-255	
	.	W	0-255	
	CT10			
AUTO(Auto)	AT01	RUN.. *		
	.	RUN.. *		
	.	RUN.. *		
	.	RUN.. *		
	AT33	RUN.. *		
	ATSP(Auto speed)	0-255		
	CHS1(Chase 1)	RUN.. *		
	CHS1(Chase 2)	RUN.. *		
	CHS1(Chase 3)	RUN.. *		
PROG(Program edit)	CHS1(Chase 1)	SC01(Scene 1)	FROST	0-255
			R1	0-255
	.	.	G1	0-255
	.	.	B1	0-255
	.	.	W1	0-255
	.	.	R2	0-255
	.	.	G2	0-255
	.	.	B2	0-255
	.	.	W2	0-255
	.	.	SHUT	0-255
	.	.	AUTO	NONE,AT01-AT33
	.	.	ATSP	0-255(S)
	.	.	TIME	0-255(S)
	.	.	WAIT	0-25.5(S)

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

	.	.	USE	YES/NO
	.	SC20(Scene 20)		
	CHS3 (Chase 3)			
INFO(Information)	SOFT(Software version)	Vx.x		
	POWER(Power reduction)	xxx%		
	TEMP	xxxC		
	RDM U	0x01DA-XXXXXXXX		
LOAD(Load)	ST L (Setting load)	YES/NO		
	PR L (Program load)	YES/NO		
SEND(Send)	YES/NO			

Instructions:

When the display stops blinking, a signal is received

6.1 DMX ADDRESS SETTING

- 1) Press the **【ENTER】** button in **【ADDR】** menu, then enter to the DMX address setting.
- 2) Press the **【UP/DOWN】** button to select **【1-512】** numerical value.
- 3) Press the **【ENTER】** button to escape and save.

6.2 STATIC SETTING

- 1) Press the **【ENTER】** button in **【STAT】** menu, then enter to the static setting.
- 2) Press the **【UP/DOWN】** button to select **【RED】**, **【GREEN】**, **【BLUE】**, **【WHITE】**, **【SHUT】**, **【PRSC】**
- 3) Press the **【UP/DOWN】** button to set up the **【0-255】** numerical value.
- 4) Press the **【ENTER】** button to escape and save.

6.3 CHANNEL MODE SETTING

- 1) Press the **【ENTER】** button in **【CHMD】** menu, then enter to the channel mode setting.
- 2) Press the **【UP/DOWN】** button to select **【4CH】**, **【5CH】**, **【11CH】**, **【14CH】**, **【19CH】** **【PX24 All】**, **【PX48 All】**
- 3) Press the **【ENTER】** button to escape and save.

6.4 DIMMING MODE SETTING

- 1) Press the **【ENTER】** button in **【DIM】** menu, then enter to the dimming mode setting.

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

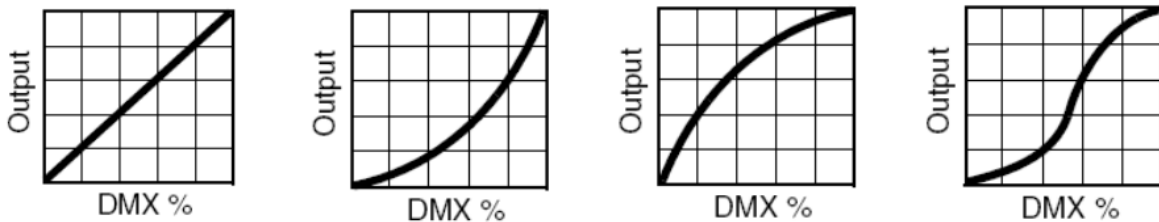
2) Press the **【UP/DOWN】** button to select **【LIN.】**, **【SQR.】**, **【ISQR.】**, **【SCUR.】**, **【LIN.】**, **【SQR.】**, **【ISQR.】** and **【SCUR.】** .

3) Press the **【ENTER】** button to escape and save.

Illustrations: When setting **【LIN.】**, **【SQR.】**, **【ISQR.】** and **【SCUR.】** in **【DIM】** menu, there will be added a little delay dimming effect for smooth..

Dimming curve:

Linear curve: square-law curve: Inverse Square-law curve: * * S-curve: ω



6.5 DISY

- 1) Press the **【ENTER】** button in **【DISY】** menu, then enter Disy setting.
- 2) Press the **【UP/DOWN】** button to select **【NO】** , **【OFF】**
- 3) Press the **【ENTER】** button to escape and save.

If the DMX512 signal is present, the screen will be off after 2 minutes

6.6 AUTO LOCK KEY SETTING

- 1) Press the **【ENTER】** button in **【LOCK】** menu, then enter auto lock key setting.
- 2) Press the **【UP/DOWN】** button to select **【YES】** , **【NO】**
- 3) Press the **【ENTER】** button to escape and save.

Instructions:

When set to [YES], it will lock automatically after two minutes to prevent accidental triggering flood flushing.

When in the order press **UP->DOWN>UP->DOWN->ENTER two times to unlock, and the time between two keys be press down must within 2 seconds.**

6.7 ROTATE

- 1) Press the **【ENTER】** button in **【Rotate】** menu, then the screen is rotated 180 degrees
- 2) Press the **【UP/DOWN】** button to select **【Normal】** , **【Rotate 180℃】**

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

3) Press the **【ENTER】** button to escape and save.

6.8 INT-BACKLIGHT

1) Press the **【ENTER】** button in **【INT】** menu, .Change the brightness of the backlight

2) Press the **【UP/DOWN】** button to select **【1-100】**

3) Press the **【ENTER】** button to escape and save.

6.9 COLOR CAST CALIBRATION SETTING

1) Press the **【ENTER】** button in **【CAL】** menu, then enter to the color cast calibration setting.

2) Press the **【UP/DOWN】** button to select **【RED】**, **【GREEN】**, **【BLUE】**, **【AMBER】**, **【Lime】**, **【Cyan】** ,

3) Press the **【UP/DOWN】** button to set up the **【0-255】** numerical value.

4) On the **【USE】** interface, pressing **【YES】** button means valid, **【NO】** means invalid.

5) Press the **【ENTER】** button to escape and save.

Illustrations: When pressing the **【YES】** button which means valid on the **【USE】** interface, the actual output value of RED, GREEN, BLUE, AMBER, Lime is output in accordance with the percentage which the color cast calibration value divides 2

6.10 AUTO RUN, SELF-PROGRAM RUN

1)Press the **【ENTER】** button in **【AUTO】** menu, then enter to the auto run,self-program run.

2)Press the **【UP/DOWN】** button to select **【AT01】** ... **【AT05】**, **【AUTO SPEED】**, **【CHASE01】** ... **【CHASE03】**

3)Press the **【ENTER】** button to start running.

6.11 EDIT SELF-PROGRAM

1) Press the **【ENTER】** button in **【PROG】** menu, then enter to the edit self-program.

2) Press the **【UP/DOWN】** button to select **【CHASE01】** ... **【CHASE03】**

3) Press the **【ENTER】** button for confirmation and enter to the next menu.

4) Press the **【UP/DOWN】** button to select **【SCENE01】** ... **【SCENE25】**

5) Press the **【ENTER】** button for confirmation and enter to the next menu.

6) Then press the **【UP/DOWN】** button to select **【RED】** ... **【SHUT】**, **【AUTO】**, **【ATSP】**, **【TIME】**, **【WAIT】**, **【USE】**

7) Press the **【UP/DOWN】** button to set up the parameter which are needed.

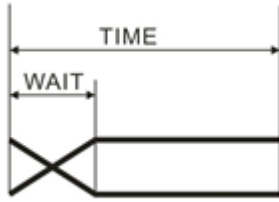
8) Press the **【ENTER】** button to escape and save.

Illustrations: When **【USE】** is set to be **【NO】**, or the parameter of **【TIME】** is 0, it will not run this scene. When

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

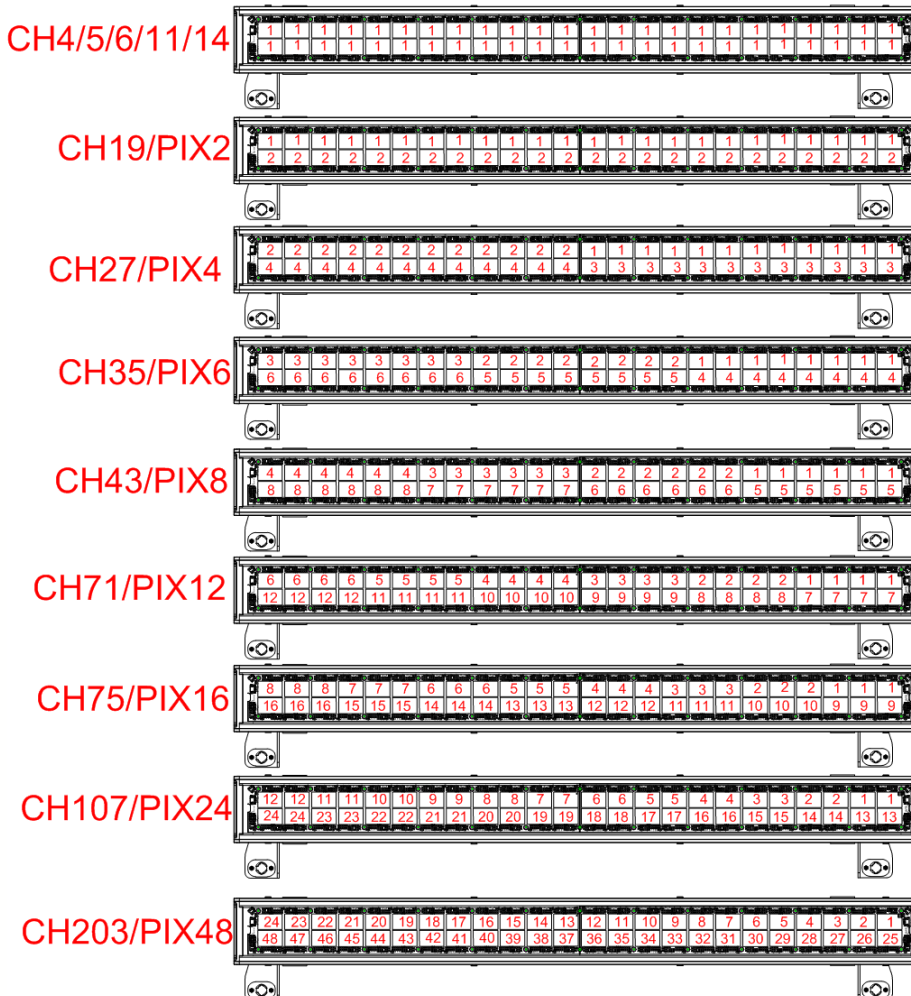
【WAIT】 is set to be FADE time, the running process is as the following chart showing.



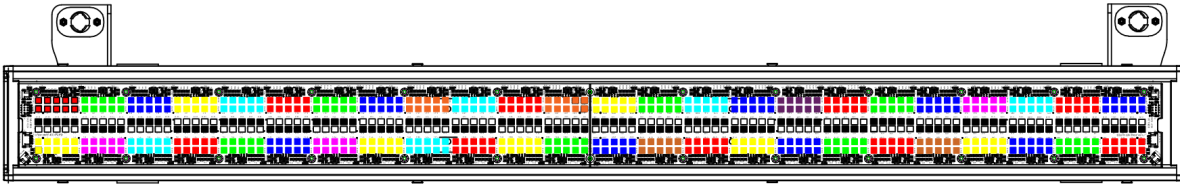
6.12 Information

- 1) Press the 【ENTER】 button in 【Information】 menu, then enter to the Information,
Then you can see :Operation hours,LED Hours,Device version,RMD UID,Temperatures Information

7. Block distribution map



广州朗文光电有限公司
GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

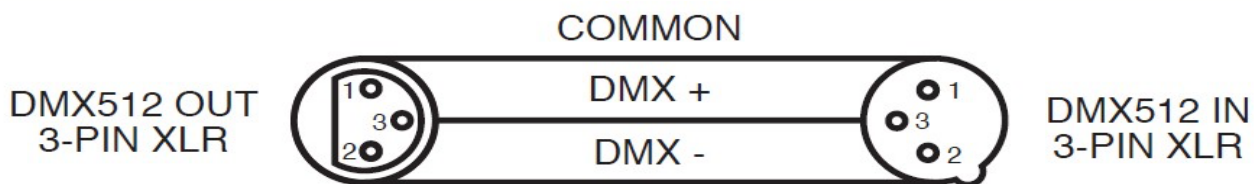


8. XLR cable connecting

The standard connection way of the XLR is: one end connects to the male plug, and the other connects to the female. As below: pin 1: ground, pin 2: negative signal, pin 3: positive signal



XLR Pin Configuration	
Pin 1 =	Ground
Pin 2 =	Data Compliment (negative)
Pin 3 =	Data True (positive)



Noted: In order to avoid failures and interference signal transmission, we connect a resistance 120Ω (1/4W) at the end of the DMX connecting as below:



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

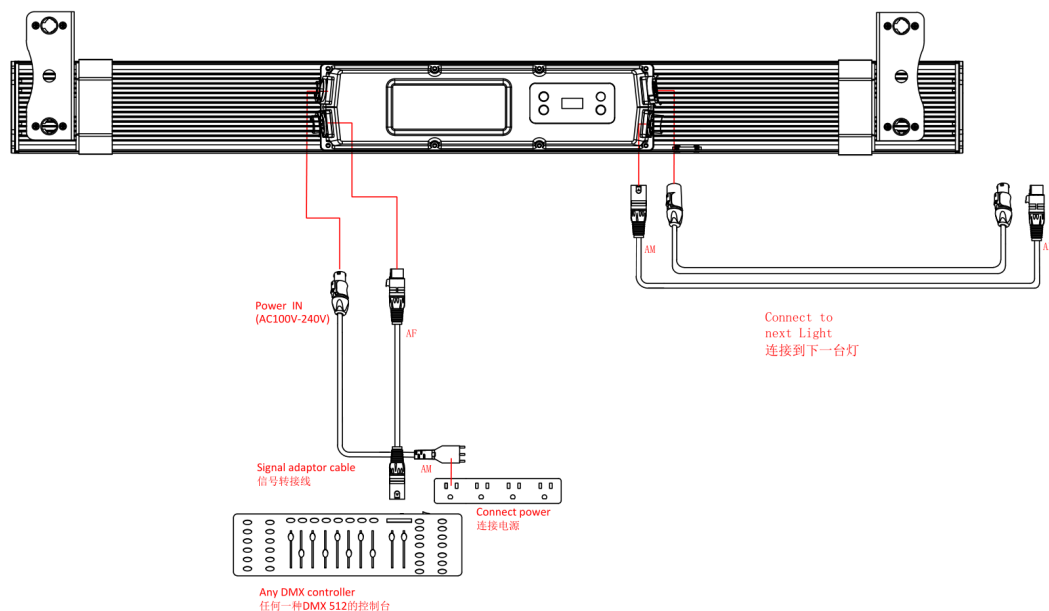
➤ The Conversion between 3 pin and 5 pin XLR

If the output cable of DMX512 controller is the 5PIN, please use 1pc 5PIN to 3PIN cable

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

9. Connecting picture

➤ Light connecting picture:



Stand-alone use, use our standard Power cable and DMX cable to connect as the above connecting pictures (The standard Power cable and DMX cable as the below picture)



10. Trouble Shooting

PROBLEM	REASON AND ACTION
Power-on non-reaction	➤ Check whether the power cable is faulty

广州朗文光电有限公司

GUANGZHOU LONGMAN PRO LIGHT FACTORY CO., LTD.

	➤ Whether the power plug is in place
Control of an uncontrolled platform	➤ Check that the DMX signal connector and signal cable are properly connected ➤ Check that the address code is set correctly ➤ If the DMX signal transmission is intermittent, check that the cannon seat is properly connected to the signal cable ➤ Try it with another controller ➤ Whether it is in DMX mode
The beam appears dim ,the brightness declines obviously	➤ Check whether the temperature control display is abnormal ➤ Check whether the temperature control display is abnormal

9、 Other

