

# **Waterproof PixelLineFlash 1000W IP USER Manual**



**Please read these instructions carefully before use**



main menu	Submenu	Menu Function Description
1、 System settings	1. DMA address	Modify the DMA address code up or down (optional range of address codes 001-512), confirm to save, default to 001.
	2. Encoder	Modify encoder on/off up or down, confirm key to save, default to on.
	3. X reversal	Modify X up or down to reverse on/off, confirm to save, default to off.
	4. Y reversal	Modify Y up or down to reverse on/off, confirm to save, default to off.
2、 Operating mode	1. Operation mode	Select the operating mode up or down, such as MAX/voice control/automatic, and press the confirm button to save. The default mode is MAX.
	2. Channel selection	Select channels up or down
3、 manual	1. Dimming	CH17, CH07, CH15, CH21, CH39, CH112, CH17, CH33, CH65, CH68, CH117, CH70 confirm key save
	2. RGB strobe	Modify the dimming value up or down (adjustable range 000-255), confirm and save, default to 255.
	3. Red	Modify the RGB flicker value up or down (adjustable range 000-255), confirm to save, default to 000.
	4. Green	Modify the brightness of the red light bead up or down (adjustable range 000-255), confirm to save, default to 128.
	5. Blue	Modify the brightness of the green light bead up or down (adjustable range 000-255), confirm to save, default to 128.
	6. RGB mode	Modify the brightness of the blue light bead up or down (adjustable range 000-255), confirm to save, default to 128.
	7. RGB speed	Modify the RGB mode values up or down (adjustable range 000-255), confirm and save
	8. W strobe	Modify RGB speed values up or down (adjustable range 000-255), confirm and save
	9. White	Modify the W strobe value up or down (adjustable range 000-255), confirm and save
	10. W mode	Modify the brightness of the white light beads up or down (adjustable range 000-255), confirm to save, default to 128.
	11. W speed	Modify the W mode value up or down (adjustable range 000-255), confirm and save

	12. RGBW strobe	Modify the RGBW flicker value up or down (adjustable range 000-255), confirm to save, default to 000.	
	13. RGBW mode	Modify the RGBW mode value up or down (adjustable range 000-255), confirm and save	
	14. RGBW speed	Modify the RGBW speed value up or down (adjustable range 000-255), confirm and save	
	15. Background color	Modify the background color parameter value up or down (adjustable range 000-255), confirm to save, default to 000.	
	16. Background color tone light	Modify the background color tone light parameter values up or down (adjustable range 000-255), confirm to save, default to 000.	
	17. Atomization	atomization	
4、Display Settings	1. Language selection	Select Chinese/EN (English) up or down, confirm to save, default to Chinese.	
	2. Inverted Display Settings	Select up or down to turn off/on the inverted display setting, confirm to save, default to off.	
	3. Screen saver	Select up or down to turn off/on screen saver, confirm to save, default to on.	
	4. Software version	G45A program identification code, cannot be modified.	
5、Factory settings	Display, please enter password! Change up or down to 138, then press the confirm button to enter the factory settings.	1、 LED	LED sequence selection
		2. Red	Modify parameters up or down (range 000-255), confirm to save, default to 255.
		3. Green	Modify parameters up or down (range 000-255), confirm to save, default to 255.
		4. Blue	Modify the red light bead current (032-255) up or down, confirm and save, default to 255.
		5. White	Modify the green light bead current (032-255) up or down, confirm and save, default to 255.
		6. Logo	Select 000/001 up or down, confirm to save, default to 000.
		7. Temperature	Select 000-070 up or down, confirm to save, default to 060.

## 五、DMX512console

After powering on, all lighting fixtures have their address codes set. Connect all lighting fixtures in parallel with a three core signal wire to the DMX512 console. The address code will stop flashing,

indicating that the DMX512 console signal has been sent to the lighting fixtures. Use the DMX512 console to control the relevant functions according to the instructions of each channel.

**CH7Channel Description:**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	red
2	000-255	green
3	000-255	blue
4	000-255	white
5	000-255	Dimming
6	000-255	dimmer fine
7	000-255	atomization

**CH17Channel Description**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	Dimming
2	000-255	RGB strobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	RGB mode
7	000-255	RGB speed
8	000-255	W strobe
9	000-255	W
10	000-255	W mode
11	000-255	W speed
12	000-255	RGBW strobe
13	000-255	RGBW mode
14	000-255	RGBW speed
15	000-255	Background color
16	000-255	Background dimming
17	000-255	atomization

**CH15Channel Description**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	red
2	000-255	green
3	000-255	blue

4	000-255	white
5	000-255	Macro Color
6	000-255	Dimming
7	000-255	dimmer fine
8	000-255	Strobe duration
9	000-255	Strobe rate
10	000-255	Strobe
11	000-255	RGB mode
12	000-255	W mode
13	000-255	Mode speed
14	000-255	Fade out effect
15	000-255	atomization

### CH21Channel Description

thoroughfare	channel value	basic function
1	000-255	red
2	000-255	green
3	000-255	blue
4	000-255	Macro Color
5	000-255	RGB dimming
6	000-255	RGB Dimming Fine Adjustment
7	000-255	RGB strobe duration
8	000-255	RGB strobe rate
9	000-255	RGB strobe
10	000-255	RGB mode
11	000-255	RGB speed
12	000-255	RGB Fade Out
13	000-255	W dimming
14	000-255	W Dimming Fine Adjustment
15	000-255	W strobe duration
16	000-255	W-frequency flash rate
17	000-255	W strobe
18	000-255	W mode
19	000-255	W speed
20	000-255	W Fade Out
21	000-255	atomization

### CH39Channel Description

thoroughfare	channel value	basic function
1	000-255	Red 1

2	000-255	Green 1
3	000-255	Blue 1
4	000-255	Red 2
5	000-255	Green 2
6	000-255	Blue 2
7	000-255	Red 3
8	000-255	Green 3
9	000-255	Blue 3
10	000-255	Red 4
11	000-255	Green 4
12	000-255	Blue 4
13	000-255	Red 5
14	000-255	Green 5
15	000-255	Blue 5
16	000-255	Red 6
17	000-255	Green 6
18	000-255	Blue 6
19	000-255	Red 7
20	000-255	Green 7
21	000-255	Blue 7
22	000-255	Red 8
23	000-255	Green 8
24	000-255	Blue 8
25	000-255	RGB dimming
26	000-255	RGB Dimming Fine Adjustment
27	000-255	RGB strobe duration
28	000-255	RGB strobe rate
29	000-255	RGB strobe
30	000-255	White 1
31	000-255	White 2
32	000-255	White 3
33	000-255	White 4
34	000-255	W dimming
35	000-255	W Dimming Fine Adjustment
36	000-255	W strobe duration
37	000-255	W-frequency flash rate
38	000-255	W strobe
39	000-255	atomization

**CH112Channel Description:**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	Red 1
2	000-255	Green 1

3	000-255	Blue 1
4	000-255	Red 2
5	000-255	Green 2
6	000-255	Blue 2
7	000-255	Red 3
8	000-255	Green 3
9	000-255	Blue 3
10	000-255	Red 4
11	000-255	Green 4
12	000-255	Blue 4
13	000-255	Red 5
14	000-255	Green 5
15	000-255	Blue 5
16	000-255	Red 6
17	000-255	Green 6
18	000-255	Blue 6
19	000-255	Red 7
20	000-255	Green 7
21	000-255	Blue 7
22	000-255	Red 8
23	000-255	Green 8
24	000-255	Blue 8
25	000-255	Red 9
26	000-255	Green 9
27	000-255	Blue 9
28	000-255	Red 10
29	000-255	Green 10
30	000-255	Blue 10
31	000-255	Red 11
32	000-255	Green 11
33	000-255	Blue 11
34	000-255	Red 12
35	000-255	Green 12
36	000-255	Blue 12
37	000-255	Red 13
38	000-255	Green 13
39	000-255	Blue 13
40	000-255	Red 14
41	000-255	Green 14
42	000-255	Blue 14
43	000-255	Red 15
44	000-255	Green 15
45	000-255	Blue 15
46	000-255	Red 16
47	000-255	Green 16
48	000-255	Blue 16

49	000-255	Red 17
50	000-255	Green 17
51	000-255	Blue 17
52	000-255	Red 18
53	000-255	Green 18
54	000-255	Blue 18
55	000-255	Red 19
56	000-255	Green 19
57	000-255	Blue 19
58	000-255	Red 20
59	000-255	Green 20
60	000-255	Blue 20
61	000-255	Red 21
62	000-255	Green 21
63	000-255	Blue 21
64	000-255	Red 22
65	000-255	Green 22
66	000-255	Blue 22
67	000-255	Red 23
68	000-255	Green 23
69	000-255	Blue 23
70	000-255	Red 24
71	000-255	Green 24
72	000-255	Blue 24
73	000-255	Red 25
74	000-255	Green 25
75	000-255	Blue 25
76	000-255	Red 26
77	000-255	Green 26
78	000-255	Blue 26
79	000-255	Red 27
80	000-255	Green 27
81	000-255	Blue 27
82	000-255	Red 28
83	000-255	Green 28
84	000-255	Blue 28
85	000-255	Red 29
86	000-255	Green 29
87	000-255	Blue 29
88	000-255	Red 30
89	000-255	Green 30
90	000-255	Blue 30
91	000-255	Red 31
92	000-255	Green 31
93	000-255	Blue 31
94	000-255	Red 32

95	000-255	Green 32
96	000-255	Blue 32
97	000-255	White 1
98	000-255	White 2
99	000-255	White 3
100	000-255	White 4
101	000-255	White 5
102	000-255	White 6
103	000-255	White 7
104	000-255	White 8
105	000-255	White 9
106	000-255	White 10
107	000-255	White 11
108	000-255	White 12
109	000-255	White 13
110	000-255	White 14
111	000-255	White 15
112	000-255	White 16

**CH17Channel Description**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	Red 1
2	000-255	Green 1
3	000-255	Blue 1
4	000-255	Red 2
5	000-255	Green 2
6	000-255	Blue 2
7	000-255	Red 3
8	000-255	Green 3
9	000-255	Blue 3
10	000-255	Red 4
11	000-255	Green 4
12	000-255	Blue 4
13	000-255	White 1
14	000-255	White 2
15	000-255	White 3
16	000-255	White 4
17	000-255	atomization

**CH33Channel Description**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
--------------------	----------------------	-----------------------

<b>e</b>		
1	000-255	Red 1
2	000-255	Green 1
3	000-255	Blue 1
4	000-255	Red 2
5	000-255	Green 2
6	000-255	Blue 2
7	000-255	Red 3
8	000-255	Green 3
9	000-255	Blue 3
10	000-255	Red 4
11	000-255	Green 4
12	000-255	Blue 4
13	000-255	Red 5
14	000-255	Green 5
15	000-255	Blue 5
16	000-255	Red 6
17	000-255	Green 6
18	000-255	Blue 6
19	000-255	Red 7
20	000-255	Green 7
21	000-255	Blue 7
22	000-255	Red 8
23	000-255	Green 8
24	000-255	Blue 8
25	000-255	White 1
26	000-255	White 2
27	000-255	White 3
28	000-255	White 4
29	000-255	White 5
30	000-255	White 6
31	000-255	White 7
32	000-255	White 8
33	000-255	atomization

**CH65Channel Description:**

<b>thoroughfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	Red 1
2	000-255	Green 1
3	000-255	Blue 1
4	000-255	Red 2
5	000-255	Green 2
6	000-255	Blue 2

7	000-255	Red 3
8	000-255	Green 3
9	000-255	Blue 3
10	000-255	Red 4
11	000-255	Green 4
12	000-255	Blue 4
13	000-255	Red 5
14	000-255	Green 5
15	000-255	Blue 5
16	000-255	Red 6
17	000-255	Green 6
18	000-255	Blue 6
19	000-255	Red 7
20	000-255	Green 7
21	000-255	Blue 7
22	000-255	Red 8
23	000-255	Green 8
24	000-255	Blue 8
25	000-255	Red 9
26	000-255	Green 9
27	000-255	Blue 9
28	000-255	Red 10
29	000-255	Green 10
30	000-255	Blue 10
31	000-255	Red 11
32	000-255	Green 11
33	000-255	Blue 11
34	000-255	Red 12
35	000-255	Green 12
36	000-255	Blue 12
37	000-255	Red 13
38	000-255	Green 13
39	000-255	Blue 13
40	000-255	Red 14
41	000-255	Green 14
42	000-255	Blue 14
43	000-255	Red 15
44	000-255	Green 15
45	000-255	Blue 15
46	000-255	Red 16
47	000-255	Green 16
48	000-255	Blue 16
49	000-255	White 1
50	000-255	White 2
51	000-255	White 3
52	000-255	White 4

53	000-255	White 5
54	000-255	White 6
55	000-255	White 7
56	000-255	White 8
57	000-255	White 9
58	000-255	White 10
59	000-255	White 11
60	000-255	White 12
61	000-255	White 13
62	000-255	White 14
63	000-255	White 15
64	000-255	White 16
65	000-255	atomization

**CH68Channel Description:**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	Dimming
2	000-255	RGB strobe
3	000-255	W strobe
4	000-255	atomization
5	000-255	Red 1
6	000-255	Green 1
7	000-255	Blue 1
8	000-255	Red 2
9	000-255	Green 2
10	000-255	Blue 2
11	000-255	Red 3
12	000-255	Green 3
13	000-255	Blue 3
14	000-255	Red 4
15	000-255	Green 4
16	000-255	Blue 4
17	000-255	Red 5
18	000-255	Green 5
19	000-255	Blue 5
20	000-255	Red 6
21	000-255	Green 6
22	000-255	Blue 6
23	000-255	Red 7
24	000-255	Green 7
25	000-255	Blue 7
26	000-255	Red 8
27	000-255	Green 8

28	000-255	Blue 8
29	000-255	Red 9
30	000-255	Green 9
31	000-255	Blue 9
32	000-255	Red 10
33	000-255	Green 10
34	000-255	Blue 10
35	000-255	Red 11
36	000-255	Green 11
37	000-255	Blue 11
38	000-255	Red 12
39	000-255	Green 12
40	000-255	Blue 12
41	000-255	Red 13
42	000-255	Green 13
43	000-255	Blue 13
44	000-255	Red 14
45	000-255	Green 14
46	000-255	Blue 14
47	000-255	Red 15
48	000-255	Green 15
49	000-255	Blue 15
50	000-255	Red 16
51	000-255	Green 16
52	000-255	Blue 16
53	000-255	White 1
54	000-255	White 2
55	000-255	White 3
56	000-255	White 4
57	000-255	White 5
58	000-255	White 6
59	000-255	White 7
60	000-255	White 8
61	000-255	White 9
62	000-255	White 10
63	000-255	White 11
64	000-255	White 12
65	000-255	White 13
66	000-255	White 14
67	000-255	White 15
68	000-255	White 16

**CH117Channel Description:**

<b>thoroug hfar</b>	<b>channe l value</b>	<b>basic function</b>
-------------------------	---------------------------	-----------------------

e		
1	000-255	Dimming
2	000-255	Strobe duration
3	000-255	Strobe rate
4	000-255	Strobe
5	000-255	atomization
6	000-255	Red 1
7	000-255	Green 1
8	000-255	Blue 1
9	000-255	Red 2
10	000-255	Green 2
11	000-255	Blue 2
12	000-255	Red 3
13	000-255	Green 3
14	000-255	Blue 3
15	000-255	Red 4
16	000-255	Green 4
17	000-255	Blue 4
18	000-255	Red 5
19	000-255	Green 5
20	000-255	Blue 5
21	000-255	Red 6
22	000-255	Green 6
23	000-255	Blue 6
24	000-255	Red 7
25	000-255	Green 7
26	000-255	Blue 7
27	000-255	Red 8
28	000-255	Green 8
29	000-255	Blue 8
30	000-255	Red 9
31	000-255	Green 9
32	000-255	Blue 9
33	000-255	Red 10
34	000-255	Green 10
35	000-255	Blue 10
36	000-255	Red 11
37	000-255	Green 11
38	000-255	Blue 11
39	000-255	Red 12
40	000-255	Green 12
41	000-255	Blue 12
42	000-255	Red 13
43	000-255	Green 13
44	000-255	Blue 13
45	000-255	Red 14

46	000-255	Green 14
47	000-255	Blue 14
48	000-255	Red 15
49	000-255	Green 15
50	000-255	Blue 15
51	000-255	Red 16
52	000-255	Green 16
53	000-255	Blue 16
54	000-255	Red 17
55	000-255	Green 17
56	000-255	Blue 17
57	000-255	Red 18
58	000-255	Green 18
59	000-255	Blue 18
60	000-255	Red 19
61	000-255	Green 19
62	000-255	Blue 19
63	000-255	Red 20
64	000-255	Green 20
65	000-255	Blue 20
66	000-255	Red 21
67	000-255	Green 21
68	000-255	Blue 21
69	000-255	Red 22
70	000-255	Green 22
71	000-255	Blue 22
72	000-255	Red 23
73	000-255	Green 23
74	000-255	Blue 23
75	000-255	Red 24
76	000-255	Green 24
77	000-255	Blue 24
78	000-255	Red 25
79	000-255	Green 25
80	000-255	Blue 25
81	000-255	Red 26
82	000-255	Green 26
83	000-255	Blue 26
84	000-255	Red 27
85	000-255	Green 27
86	000-255	Blue 27
87	000-255	Red 28
88	000-255	Green 28
89	000-255	Blue 28
90	000-255	Red 29
91	000-255	Green 29

92	000-255	Blue 29
93	000-255	Red 30
94	000-255	Green 30
95	000-255	Blue 30
96	000-255	Red 31
97	000-255	Green 31
98	000-255	Blue 31
99	000-255	Red 32
100	000-255	Green 32
101	000-255	Blue 32
102	000-255	White 1
103	000-255	White 2
104	000-255	White 3
105	000-255	White 4
106	000-255	White 5
107	000-255	White 6
108	000-255	White 7
109	000-255	White 8
110	000-255	White 9
111	000-255	White 10
112	000-255	White 11
113	000-255	White 12
114	000-255	White 13
115	000-255	White 14
116	000-255	White 15
117	000-255	White 16

**CH70Channel Description:**

<b>thorougfare</b>	<b>channel value</b>	<b>basic function</b>
1	000-255	Dimming
2	000-255	RGB strobe
3	000-255	W strobe
4	000-255	atomization
5	000-255	Red 1
6	000-255	Green 1
7	000-255	Blue 1
8	000-255	Red 2
9	000-255	Green 2
10	000-255	Blue 2
11	000-255	Red 3
12	000-255	Green 3

13	000-255	Blue 3
14	000-255	Red 4
15	000-255	Green 4
16	000-255	Blue 4
17	000-255	Red 5
18	000-255	Green 5
19	000-255	Blue 5
20	000-255	Red 6
21	000-255	Green 6
22	000-255	Blue 6
23	000-255	Red 7
24	000-255	Green 7
25	000-255	Blue 7
26	000-255	Red 8
27	000-255	Green 8
28	000-255	Blue 8
29	000-255	Red 9
30	000-255	Green 9
31	000-255	Blue 9
32	000-255	Red 10
33	000-255	Green 10
34	000-255	Blue 10
35	000-255	Red 11
36	000-255	Green 11
37	000-255	Blue 11
38	000-255	Red 12
39	000-255	Green 12
40	000-255	Blue 12
41	000-255	Red 13
42	000-255	Green 13
43	000-255	Blue 13
44	000-255	Red 14
45	000-255	Green 14
46	000-255	Blue 14
47	000-255	Red 15
48	000-255	Green 15
49	000-255	Blue 15
50	000-255	Red 16
51	000-255	Green 16
52	000-255	Blue 16
53	000-255	White 1
54	000-255	White 2
55	000-255	White 3
56	000-255	White 4
57	000-255	White 5
58	000-255	White 6

59	000-255	White 7
60	000-255	White 8
61	000-255	White 9
62	000-255	White 10
63	000-255	White 11
64	000-255	White 12
65	000-255	White 13
66	000-255	White 14
67	000-255	White 15
68	000-255	White 16
69	000-255	RGB fade out effect
70	000-255	Fade out effect

## 六、 Technical parameters:

**Voltage: AC100~240V 50/60HZ**

**Power: 1000W**

**Beads: 672 5050-RGB 0.5W, 112 3030-white 3W**

**Control mode: DMX512, self-propelled, master-slave, voice control, with RDM function**

**Channels: CH17, CH07, CH15, CH21, CH39, CH112, CH17, CH33, CH65, CH68, CH117, CH70**

**Dimming: 16bit 0-100% linear dimming**

**Features: Racing+Flash+Misting**

**Working temperature: -30 ° C~50 ° C**

**Strobe frequency: 1-30Hz**

**Appearance: Metal, black**

**Connection method: DMX512 input/output  
/Power input and output.**

**IP level: IP65**

**Gross weight:9.5**