

# Moving Pixel Strobe ip3000



**FXLIGHTING**  
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## Use Manual

=====PROFESSIONAL LIGHTING EQUIPMENT=====

Please read the instructions carefully before use



Voltage: AC90-245V / 50-60Hz

LED Type: 3535 5W 7000K with 8 Segments

576\*0.75W 5050RGB with 16 Segments

Mains Strobe Power: 1000W ,Full on power 600W

Moving head Tilt (Degrees): 185°

Control Modes: CH8/CH18/CH61

Display: TFT touch display

Protocol: USITT DMX-512, RDM

RDM: Bidirectional communication

Wireless DMX: 2.4 GHz W-DMX™ **(optional)**

Cooling: Temperature controlled, overheating protection

Dimmer: 0-100% electronic

Shutter: electronic, max.30Hz

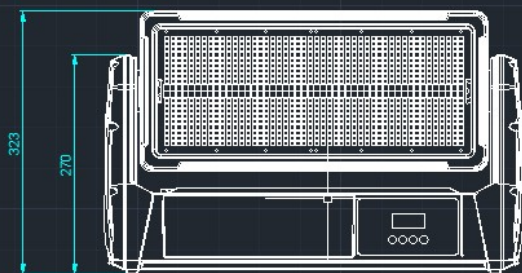
IP:IP65

Internal Effects: LED Macro Effects

Maximum ambient temperature: : -25°C / 77°F- 40°C /104°F

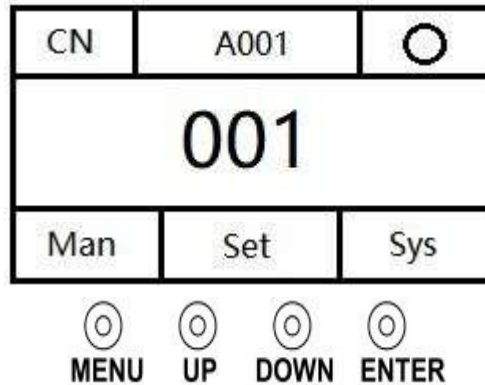
Operating Position: any

Dimension : 514.5\*137.4\*323mm 11.5KG





1. Key Diagram:



**MENU : Back   UP : Add   DOWN : Dec   ENTER : Confirm**

2. Key Description

**MENU Back:** Press the back button to return to the previous screen.

**UP Add:** Pressing this key enables value addition and function selection, and long presses trigger continuous triggering.

**DOWN Dec:** Pressing this key enables value subtraction and function selection, and pressing and holding it continuously triggers.

**ENTER Confirm:** Press this key to save the currently set parameter function and enter the function page.

Screen saver: Long press the Menu key to enter the unlocking interface: enter 111 to unlock.

System password: Enter 222 to unlock, switch the number of digits with the MENU key, and switch symbols with the UP and DOWN keys.



Mode 1 – 8 ch

Channel	Function	Range	Note	
1	Tilt	0-255	From -104 deg to 104	Main
2	Dimmer	0-255	From Closed to Open	
3	Shutter	0-5	Open	Pipe
		6-255	Strobe from Min to Max	
4	Dimmer	0-255	From Closed to Open	
5	Red	0-255	Plate R from Min to Max	Plate
6	Green	0-255	Plate G from Min to Max	
7	Blue	0-255	Plate B from Min to Max	
8	Reset	0-99	None	Main
		100-105	Reset 5 sec	
		106-255	None	

Mode 2 – 14 ch

Channel	Function	Range	Note	
1	Tilt	0-255	From -104 deg to 104	Main
2	Tilt fine	0-255		
3	Dimmer	0-255	From Closed to Open	Pipe
4	Shutter	0-5	Open	
		6-255	Strobe from Min to Max	
5	Pipe Macro Rate	0-255	From Slow to Fast	
6	Pipe Macro	0-19	None	
		20-39	Chase 1	
		40-59	Chase 2	
		60-79	Chase 3	
		80-99	Chase 4	
		100-119	Chase 5	
		120-139	Chase 6	
		140-159	Chase 7	
		160-179	Chase 8	
		180-199	Chase 9	
		200-219	Chase 10	
		220-239	Chase 11	
		240-255	Chase 12	
7	Red	0-255	Plate R from Min to Max	Plate
8	Green	0-255	Plate G from Min to Max	
9	Blue	0-255	Plate B from Min to Max	
10	Shutter	0-5	Open	
		6-255	Strobe from Min to Max	
11	Color Macro	0-9	None	
		10-14	Chase 1	
		15-19	Chase 2	
		20-24	Chase 3	
		25-29	Chase 4	
		30-34	Chase 5	
		35-39	Chase 6	
		40-44	Chase 7	
		45-49	Chase 8	
		50-54	Chase 9	



		55-59	Chase 10	
		60-64	Chase 11	
		65-69	Chase 12	
		70-74	Chase 13	
		75-79	Chase 14	
		80-84	Chase 15	
		85-89	Chase 16	
		90-94	Chase 17	
		95-99	Chase 18	
		100-104	Chase 19	
		105-109	Chase 20	
		110-114	Chase 21	
		115-119	Chase 22	
		120-124	Chase 23	
		125-129	Chase 24	
		130-134	Chase 25	
		135-139	Chase 26	
		140-144	Chase 27	
		145-149	Chase 28	
		150-154	Chase 29	
		155-159	Chase 30	
		160-164	Chase 31	
		165-169	Chase 32	
		170-174	Chase 33	
		175-179	Chase 34	
		180-184	Chase 35	
		185-189	Chase 36	
		190-194	Chase 37	
		195-199	Chase 38	
		200-204	Chase 39	
		205-209	Chase 40	
		210-214	Chase 41	
		215-219	Chase 42	
		220-224	Chase 43	
		225-229	Chase 44	
		230-234	Chase 45	
		235-239	Chase 46	
		240-244	Chase 47	
		245-249	Chase 48	
		250-255	Chase 49	
12	Color Static	0	None	
		6-36	Red	
		37-68	Green	
		69-100	Blue	
		101-132	Yellow	
		133-167	Magenta	
		165-196	Cyan	
		197-228	Pink	
13	Color Macro Rate	229-255	White	
		0-255	From Slow to Fast	
14	Dimmer	0-255	From Closed to Open	



Mode 3 – 18 ch

Channel	Function	Range	Note	
1	Tilt	0-255	From -104 deg to 104	Main
2	Tilt Speed	0-255	From Slow to Fast	
3	Dimmer	0-255	From Closed to Open	
4	Shutter	0-5	Open	
		6-255	Strobe from Min to Max	
5	Dimmer	0-255	From Closed to Open	Pipe
6	Pipe Macro	0-19	None	
		20-39	Chase 1	
		40-59	Chase 2	
		60-79	Chase 3	
		80-99	Chase 4	
		100-119	Chase 5	
		120-139	Chase 6	
		140-159	Chase 7	
		160-179	Chase 8	
		180-199	Chase 9	
		200-219	Chase 10	
		220-239	Chase 11	
		240-255	Chase 12	
7	Pipe Macro Rate	0-255	From Slow to Fast	
8	Pipe Macro direction	0-127	CCW from Slow to Fast	
		128-255	CW from Slow to Fast	
9	Red	0-255	Plate R from Min to Max	Plate
10	Green	0-255	Plate G from Min to Max	
11	Blue	0-255	Plate B from Min to Max	
12	Color Macro	0-9	None	
		10-14	Chase 1	
		15-19	Chase 2	
		20-24	Chase 3	
		25-29	Chase 4	
		30-34	Chase 5	
		35-39	Chase 6	
		40-44	Chase 7	
		45-49	Chase 8	
		50-54	Chase 9	
		55-59	Chase 10	
		60-64	Chase 11	
		65-69	Chase 12	
		70-74	Chase 13	
		75-79	Chase 14	
		80-84	Chase 15	
		85-89	Chase 16	
		90-94	Chase 17	
		95-99	Chase 18	
		100-104	Chase 19	
		105-109	Chase 20	
		110-114	Chase 21	
		115-119	Chase 22	
		120-124	Chase 23	
		125-129	Chase 24	
		130-134	Chase 25	



		135-139	Chase 26	
		140-144	Chase 27	
		145-149	Chase 28	
		150-154	Chase 29	
		155-159	Chase 30	
		160-164	Chase 31	
		165-169	Chase 32	
		170-174	Chase 33	
		175-179	Chase 34	
		180-184	Chase 35	
		185-189	Chase 36	
		190-194	Chase 37	
		195-199	Chase 38	
		200-204	Chase 39	
		205-209	Chase 40	
		210-214	Chase 41	
		215-219	Chase 42	
		220-224	Chase 43	
		225-229	Chase 44	
		230-234	Chase 45	
		235-239	Chase 46	
		240-244	Chase 47	
		245-249	Chase 48	
		250-255	Chase 49	
13	Color Macro Rate	0-255	From Slow to Fast	
14	Macro direction	0-127	CCW from Slow to Fast	
		128-255	CW from Slow to Fast	
15	Red	0-255	Plate R from Min to Max	
16	Green	0-255	Plate G from Min to Max	
17	Blue	0-255	Plate B from Min to Max	Background RGB
18	Reset	0-99	None	
		100-105	Reset 5 sec	Main
		106-255	None	

#### Mode 4 – 61 ch

Channel	Function	Range	Note	
1	Tilt	0-255	From -104 deg to 104	
2	Tilt Speed	0-255	From Slow to Fast	
3	Dimmer	0-255	From Closed to Open	Main
4	Shutter	0-5	Open	
		6-255	Strobe from Min to Max	
5	Dimmer	0-255	Pipe 1 from Closed to Open	
6	Dimmer	0-255	Pipe 2 from Closed to Open	
7	Dimmer	0-255	Pipe 3 from Closed to Open	
8	Dimmer	0-255	Pipe 4 from Closed to Open	
9	Dimmer	0-255	Pipe 5 from Closed to Open	
10	Dimmer	0-255	Pipe 6 from Closed to Open	
11	Dimmer	0-255	Pipe 7 from Closed to Open	
12	Dimmer	0-255	Pipe 8 from Closed to Open	
13	Red	0-255	Plate 1 R from Min to Max	
14	Green	0-255	Plate 1 G from Min to Max	
15	Blue	0-255	Plate 1 B from Min to Max	Plate



16	Red	0-255	Plate 2 R from Min to Max	
17	Green	0-255	Plate 2 G from Min to Max	
18	Blue	0-255	Plate 2 B from Min to Max	
19	Red	0-255	Plate 3 R from Min to Max	
20	Green	0-255	Plate 3 G from Min to Max	
21	Blue	0-255	Plate 3 B from Min to Max	
22	Red	0-255	Plate 4 R from Min to Max	
23	Green	0-255	Plate 4 G from Min to Max	
24	Blue	0-255	Plate 4 B from Min to Max	
25	Red	0-255	Plate 5 R from Min to Max	
26	Green	0-255	Plate 5 G from Min to Max	
27	Blue	0-255	Plate 5 B from Min to Max	
28	Red	0-255	Plate 6 R from Min to Max	
29	Green	0-255	Plate 6 G from Min to Max	
30	Blue	0-255	Plate 6 B from Min to Max	
31	Red	0-255	Plate 7 R from Min to Max	
32	Green	0-255	Plate 7 G from Min to Max	
33	Blue	0-255	Plate 7 B from Min to Max	
34	Red	0-255	Plate 8 R from Min to Max	
35	Green	0-255	Plate 8 G from Min to Max	
36	Blue	0-255	Plate 8 B from Min to Max	
37	Red	0-255	Plate 9 R from Min to Max	
38	Green	0-255	Plate 9 G from Min to Max	
39	Blue	0-255	Plate 9 B from Min to Max	
40	Red	0-255	Plate 10 R from Min to Max	
41	Green	0-255	Plate 10 G from Min to Max	
42	Blue	0-255	Plate 10 B from Min to Max	
43	Red	0-255	Plate 11 R from Min to Max	
44	Green	0-255	Plate 11 G from Min to Max	
44	Blue	0-255	Plate 11 B from Min to Max	
46	Red	0-255	Plate 12 R from Min to Max	
47	Green	0-255	Plate 12 G from Min to Max	
48	Blue	0-255	Plate 12 B from Min to Max	
49	Red	0-255	Plate 13 R from Min to Max	
50	Green	0-255	Plate 13 G from Min to Max	
51	Blue	0-255	Plate 13 B from Min to Max	
52	Red	0-255	Plate 14 R from Min to Max	
53	Green	0-255	Plate 14 G from Min to Max	
54	Blue	0-255	Plate 14 B from Min to Max	
55	Red	0-255	Plate 15 R from Min to Max	
56	Green	0-255	Plate 15 G from Min to Max	
57	Blue	0-255	Plate 15 B from Min to Max	
58	Red	0-255	Plate 16 R from Min to Max	
59	Green	0-255	Plate 16 G from Min to Max	
60	Blue	0-255	Plate 16 B from Min to Max	
61	Reset	0-99	None	Main
		100-105	Reset 5 sec	
		106-255	None	



# Troubleshooting



## Maintenance

Make sure fixture is cool and disconnected from power mains before any service.

Weekly operating hours and environmental conditions will establish how often the fixtures need cleaning. Fixtures should be cleaned and inspected at least once a month to maintain optimum performance. Accumulation of dust and fog residue increases heat build up, can lead to malfunctions, overheating and reduction in maximum light output, reduced fixture life and over all performance.

- 1) Disconnect fixture from power mains.
- 2) Use a vacuum with a soft brush to remove dust collected on external vents and internal components. If using an air compressor, use low pressures and extreme care to prevent damaging any internal parts or effects.
- 3) Clean all optical elements when the fixture is cold. Use a soft lint free cotton cloth or tissue and cleaner safe for plastics.
- 4) Inspect clamps and safety cables regularly to ensure fixture is secure.
- 5) Please repair in the technical guidance of the manufacturers

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

### **A. The fixture does not work, no light**

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.

### **B. Not responding to DMX controller**

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

### **C. Some fixtures don't respond to the easy controller**

1. You may have a break in the DMX cabling. Check the LED for the response of the master/ slave mode signal