

Atomic 768 IP

User Manual



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TECHNICAL PARAMETERS

Light source

Voltage: AC100~240V 50/60HZ

Lamp beads: 240 pieces 3030 white light 2 watts 768 pieces 5050 RGB-0.5 watts lamp beads

Controls

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

Channel: CH4, CH6, CH13, CH20, CH80, CH156, CH158

Connection method: DMX512 input/output/power input/output.

Effect

Dimming: 32-bit 0~100% linear dimming

Features: Dyeing+Flashing

Strobe frequency: 1-30HZ

Construction

Working temperature: -30 ° C~60 ° C

Appearance: Metal, Black

IP rating: IP67

1.Definition of display panel and buttons

Menu key: Enter/Return to main menu

Up key: menu function up selection/parameter increment

Down arrow key: menu function down selection/decreasing parameters

Confirm key: Select the menu function and make a confirmation and save when modifying the menu function parameters

2.Menu function

main menu	Submenu	Menu Function Description
1、System settings	1. DMX address	Modify the DMX address code up or down (optional range of address code 001-512), press the confirm key to save, default to 001.
	2. Advanced Settings	Modify encoder on/off up or down, confirm key to save, default on.
2、Operating mode	1. Operation mode	Select up or down the operating mode of DMX/voice control/automatic, press the confirm button to save, default to DMX.
	2. Channel selection	Select channel CH4 up or down, CH6, CH13, CH20, CH80, CH156, CH158
	4. Dimming	Modify the dimming parameter value up or down (adjustable range 000-255), press the confirm key to save, default is 255.
	5. RGBW strobe	Modify the strobe parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000.
	6. Red	Modify the red parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000.
	7. Green	Modify the green parameter value up or down (adjustable range

		000-255), press the confirm key to save, default to 000.	
	8. Blue	Modify the blue parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	9. White	Modify the white parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	10. RGB mode	Modify the mode parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	11. RGB speed	Modify the speed parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	12. Colorful	Modify the rainbow parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	13. W mode	Modify the parameter values of W mode up or down (adjustable range 000-255), press the confirm key to save, default to 000	
	14. W speed	Modify the W speed parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000	
	15. RGBW mode	Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	16. RGBW speed	Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	17. Background color	Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	18. Background color tone light	Modify parameter values up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
	19. Character	Modify character parameter values up or down (adjustable range 000-255), confirm key to save, default to 000.	
	20. Direction	Modify the direction parameter value up or down (adjustable range 000-255), press the confirm key to save, default to 000.	
4、Display Settings	1. Language selection	Select Chinese/EN (English) up or down, press the confirm button to save, default to Chinese.	
	2. Inverted Display Settings	Select up or down to turn off/on the reverse display setting, press the confirm button to save, and it will be turned off by default.	
	3. Screen saver	Select up or down to turn off/on the screen saver, press the confirm button to save, and it will be turned on by default.	
	4. Software version	G37A program identification code, cannot be modified.	
5、Factory settings	Please enter your password! Change up or down to 138, then press the confirm button to enter the factory settings.	1. Y calibration	Modify the Y-axis up or down, press the confirm key to save
		2. LED	LED sequence switching
		3. Red	Modify the current of the red light bead up or down (032-255), press the confirm button to save, default to 255.
		4. Green	Modify the current of the green light bead up or down (032-255), press the confirm button to save, default to 255.
		5. Blue	Modify the blue LED current up or down (032-255), press the confirm button to save, default to 255.
		6. White	Modify the current of the white light bead up or down (032-255), press the confirm button to save, default to 255.
		7. Current	Modify the current up or down, confirm key to save
		8. Speed	Modify speed up or down, confirm key to save
		9. Logo	Select 000/001 up or down, press the confirm button to

			save, default to 000.
		10. Temperature	Modify the temperature parameter up or down (range 40-70), press the confirm button to save, default is 065.
		11. Temperature - Fan	Select up or down to turn off/on temperature fan control, confirm key to save, default on.

CH4 Channel description:

Channel	channel value	basic function
1	000-255	R
2	000-255	G
3	000-255	B
4	000-255	W

CH6 Channel description:

Channel	channel value	basic function
1	000-255	Dimming
2	000-255	RGBW strobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	W

CH13 Channel description:

Channel	channel value	basic function
1	000-255	Dimming
2	000-255	RGBW strobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	W
7	000-255	RGBW mode
8	000-255	RGBW speed
9	000-255	static state
10	000-255	direction
11	000-255	Colorful
12	000-255	Background color
13	000-255	Background dimming

CH20 Channel description:

Channel	channel value	basic function
1	000-255	Dimming
2	000-255	RGBW strobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	RGB strobe
7	000-255	RGB mode
8	000-255	RGB speed
9	000-255	W
10	000-255	W strobe
11	000-255	W mode
12	000-255	W speed
13	000-255	W-mode dimming
14	000-255	RGBW mode
15	000-255	RGBW speed
16	000-255	static state
17	000-255	direction
18	000-255	Colorful
19	000-255	Background color
20	000-255	Background dimming

CH80 Channel description:

Channel	channel value	basic function
1	000-255	Dimming
2	000-255	RGBW strobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	RGB strobe
7	000-255	RGB mode
8	000-255	RGB speed
9	000-255	W
10	000-255	W strobe
11	000-255	W mode
12	000-255	W speed
13	000-255	W-mode dimming
14	000-255	RGBW mode
15	000-255	RGBW speed
16	000-255	static state

17	000-255	direction
18	000-255	Colorful
19	000-255	Background color
20	000-255	Background dimming
21	000-255	RGBLED1
22	000-255	RGBLED2
23	000-255	RGBLED3
... 	... 	 
66	000-255	RGBLED46
67	000-255	RGBLED47
68	000-255	RGBLED48
69	000-255	WLED1
70	000-255	WLED2
71	000-255	WLED3
72	000-255	WLED4
73	000-255	WLED5
74	000-255	WLED6
75	000-255	WLED7
76	000-255	WLED8
77	000-255	WLED9
78	000-255	WLED10
79	000-255	WLED11
80	000-255	WLED12

CH156 Channel description:

Channel	channel value	basic function
1	000-255	R1
2	000-255	G1
3	000-255	B1
... 	... 	 
142	000-255	R48
143	000-255	G48
144	000-255	B48
145	000-255	W1
146	000-255	W2
147	000-255	W3
148	000-255	W4
149	000-255	W5

150	000-255	W6
151	000-255	W7
152	000-255	W8
153	000-255	W9
154	000-255	W10
155	000-255	W11
156	000-255	W12

CH158 Channel description:

Channel	channel value	basic function
1	000-255	Dimming
2	000-255	RGBW strobe
3	000-255	R1
4	000-255	G1
5	000-255	B1
...	...	...
144	000-255	R48
145	000-255	G48
146	000-255	B48
147	000-255	W1
148	000-255	W2
149	000-255	W3
150	000-255	W4
151	000-255	W5
152	000-255	W6
153	000-255	W7
154	000-255	W8
155	000-255	W9
156	000-255	W10
157	000-255	W11
158	000-255	W12

REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.