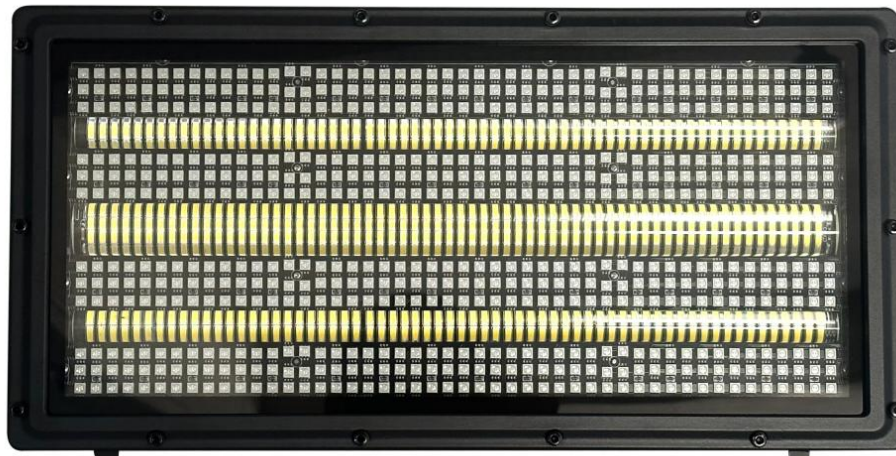


Atomic 576 IP

User Manual



Guangzhou Mitek Light Co.,LTD

Email: info@miteklight.com

Website: www.miteklight.com

Add: No. 21 Dongfeng Avenue, Automobile Industry Base, Huadu District, Guangzhou

TECHNICAL PARAMETERS

Light source

Voltage: AC100~240V 50/60HZ

Power: 500W

Lamp beads: 576 5050-3 in 1 (RGB)-0.5W; 512 3030-monochrome (W)-3W,

Controls

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

Channel: 04CH, 06CH, 12CH, 17AH, 17CH, 32CH, 62CH, 122CH, 129CH

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

Effect

Dimming: 16bit 0~100% linear dimming

Features: waterproof + point control + running + flashing + dyeing

Construction

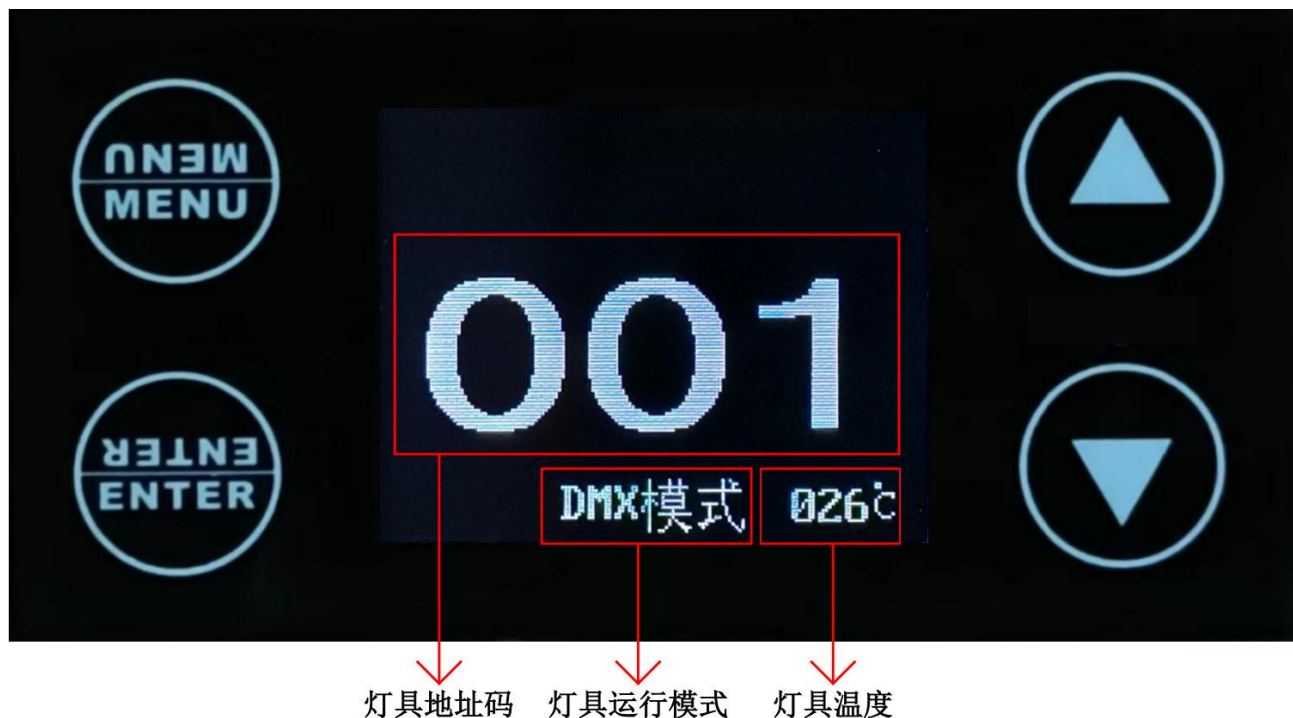
Working temperature: -30 degrees ~ 50 degrees

Frequency: 1~30HZ

Appearance: metal, black

IP rating: IP67

1.Display panel and touch key definition





Menu key (MENU): Enter/return to the main menu

Up key [▲](UP): Menu function selection upward/parameter increment

Down key [▼](DOWN): Menu function selection downward/parameter decrement

Confirmation key (ENTER): Select menu function, and confirm and save when modifying menu function parameters.

It has the function of power-on screen lock and automatic screen lock after long-term inactivity. The screen needs to be unlocked to operate the menu.

Unlocking screen steps: ① Long press the Up key (UP), ② Down key (DOWN), ③ Menu key (MENU);

When the touch key is operated correctly, the corresponding display will turn green

2. Menu Function

After the machine is powered on and reset, press the menu key to enter the main menu (the main menu interface will exit after 30 seconds of no operation). For details, see the main menu function table (a total of 6 main menu options); press the up or down key to select the main menu, press the confirm key to enter and modify the function parameters of each menu, and press the confirm key again to save the current function parameters after modification (the saved parameters have power-off memory).

Main Menu	Submenu	Menu function description
1. System Settings	1DMX address	Set the DMX address code of the lamp, modify the value up/down (optional range 001-512), confirm the key to save, default 001.
	2、 Signal remains	Set whether the lamp disconnection signal is maintained/clearing the signal value, modify up/down, confirm the key to save, and default off.
	3、 advanced setup	Encryption settings
2. Operation mode	1、 running mode	Set the operation mode of the lamp, modify DMX/up/down/voice control/auto/manual, confirm the key to save, and default DMX.
	2 、 channel selection	Set the lamp operation channel, select 04CH, 06CH, 12CH, 17AH, 17CH, 32CH, 62CH, 122CH, 129CH, confirm key is saved, default 17AH.

3、manual control	1、 Dimming	Up/down modify the total dimming value of the lamp bead (range 000-255), confirm the key to save, default 255.	
	2、 red	Up/down modify the brightness of red LED (range 000-255), confirm the key to save, default 000.	
	3、 green	Up/down modify the brightness of green LED (range 000-255), confirm the key to save, default 128.	
	4、 blue	Up/down modify the brightness of the blue LED (range 000-255), confirm the key to save, default 128.	
	5、 RGB Strobe	Up/down modify the red, green and blue flash values (range 000-255), confirm the key to save, default 128.	
	6、 RGB model	Up/down modify the red, green and blue operation mode value (range 000-255), confirm the key to save, default 128.	
	7、 RGB speed	Up/down modify the speed value of red, green and blue operation mode (range 000-255), confirm the key to save, default 000.	
	8、 white	Up/down modify the brightness of white LED (range 000-255), confirm the key to save, default 000.	
	9、 W Strobe	Up/down modify the white flash value (range 000-255), confirm the key to save, default 000.	
	10、 W model	Up/down modify the white running mode value (range 000-255), confirm the key save, default 000.	
	11、 W speed	Up/down modify the white running mode speed value (range 000-255), confirm the key save, default 000.	
	12、 model	Up/down modify the red, green, blue and white running mode value (range 000-255), confirm the key to save, default 000.	
	13、 speed	Up/down modify the speed value of red, green, blue and white running mode (range 000-255), confirm the key to save, default 000.	
	14、 direction	Up/down modify the red, green, blue and white lighting direction (range 000-255), confirm the key to save, default 000.	
	15、 colorful	Up/down modify the color value (range 000-255), confirm the key to save, default 000	
	16、 background colour	Up/down modify the background color value (range 000-255), confirm the key to save, default 000	
	17、 Background tone light	Up/down modify the background color brightness (range 000-255), confirm the key to save, default 000.	
4、 Display Settings	1、 language selection	Select Chinese /EN (English) up or down, confirm to save, default Chinese.	
	2、 Reverse display Settings	Select the close/open reverse display setting up or down, confirm the key to save, and it is closed by default.	
	3、 Screen protection	Select off/on screen protection up or down, confirm the key to save, default on.	
	4、 Software Version	G6JA program identification code, cannot be modified.	
5、 information	information	Encryption Settings close time 9999:00 HALL 00000	
6、 Factory setup	It will display "Please enter password!" and change it up or down to 138, then press the confirm	1.LED	Up/down modify the color and lighting order of LEDA/LEDB, confirm the key to save, default LEDA.
		2.red	Up/down modify the brightness parameter of red LED (range 000-255), confirm the key to save, default 255.
		3.green	Up/down modify the brightness parameter of green LED (range 000-255), confirm the key to save, default 255.
		4.blue	Up/down modify the brightness parameter of blue LED

button to enter the factory settings.		(range 000-255), confirm the key to save, default 255.
	5.white	Up/down modify the brightness parameter of blue LED (range 000-255), confirm the key to save, default 255. Recognize 220.
	6.Logo	Up/down modify the boot screen display (range 000-001), confirm the key to save, default 000.
	7.direction	Up/down modify the direction of the lamp bead (range 000-001), confirm the key to save, default 000.
	8.temperature	Up/down modify the lamp temperature protection (range 040-070), confirm the key to save, default 052.
	9.Temperature -fan	Up/down to modify the temperature control fan turn on/off, confirm the key to save, default off.
	10.Fan-atomization	Up/down modify the fan port function to: fan/mist, confirm the key to save, default open.

Master-slave control

There are 2 or more identical lamps connected with DMX three-core signal cables. All lamps are modified to any address code from 001 to 512. Any lamp is set as the host, and the other lamps are slaves. All slave display screens do not flicker. When the host is used to adjust the gradient, pulse, jump, voice control, and self-propelled effects, all slaves synchronize the gradient, pulse, jump, voice control, and self-propelled effects.

Special attention:

1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flicker randomly and not synchronized.
2. All lamps must be master and slave to work when the DMX512 console is turned off.

DMX512 control

After power on, all the address codes of the lamps are set, and all the lamps are connected in parallel to the DMX512 console with three-core signal cables. The address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamps. Use the DMX512 console to control related functions according to the instructions of each channel.

04CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	R
2	000-255	G
3	000-255	B
4	000-255	W

06CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	Strobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	W

12CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	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 Mode speed
9	000-255	direction
10	000-255	Colorful
11	000-255	Background color
12	000-255	Background Dimming

17AH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	R
3	000-255	G
4	000-255	B
5	000-255	RGBStrobe
6	000-255	RGB model
7	000-255	RGB speed
8	000-255	W
9	000-255	WS trobe
10	000-255	W model
11	000-255	W speed
12	000-255	RGB Wmodel
13	000-255	RGB Wspeed
14	000-255	direction
15	000-255	Colorful
16	000-255	Background color
17	000-255	Background Dimming

17CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	RGBWStrobe
3	000-255	R1
4	000-255	G1
5	000-255	B1
6	000-255	R2

7	000-255	G2
8	000-255	B2
9	000-255	R3
10	000-255	G3
11	000-255	B3
12	000-255	R4
13	000-255	G4
14	000-255	B4
15	000-255	W1
16	000-255	W2
17	000-255	W3

32CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	RGBWStrobe
3	000-255	R1
4	000-255	G1
5	000-255	B1
		
24	000-255	R8
25	000-255	G8
26	000-255	B8
27	000-255	W1
28	000-255	W2
29	000-255	W3
30	000-255	W4
31	000-255	W5
32	000-255	W6

62CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	RGBWStrobe
3	000-255	R1
4	000-255	G1
5	000-255	B1

		
48	000-255	R16
49	000-255	G16
50	000-255	B16
51	000-255	W1
52	000-255	W2
53	000-255	W3
54	000-255	W4
55	000-255	W5
56	000-255	W6
57	000-255	W7
58	000-255	W8
59	000-255	W9
60	000-255	W10
61	000-255	W11
62	000-255	W12

122CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	RGBW Strobe
3	000-255	R1
4	000-255	G1
5	000-255	B1
		
96	000-255	R32
97	000-255	G32
98	000-255	B32
99	000-255	W1
100	000-255	W2
		
121	000-255	W23
122	000-255	W24

129CH Channel Description:

Channel	Channel value	Basic Functions
1	000-255	Dimming
2	000-255	R
3	000-255	G
4	000-255	B
5	000-255	RGBStrobe
6	000-255	RGBmodel
7	000-255	RGBspeed
8	000-255	W
9	000-255	WStrobe
10	000-255	Wmodel
11	000-255	Wspeed
12	000-255	RGBWmodel
13	000-255	RGBWspeed
14	000-255	direction
15	000-255	Colorful
16	000-255	Background color
17	000-255	Background Dimming
18	000-255	RGBLED1
19	000-255	RGBLED2
20	000-255	RGBLED3
		
79	000-255	RGBLED62
80	000-255	RGBLED63
81	000-255	RGBLED64
82	000-255	W1
83	000-255	W2
84	000-255	W3
		
127	000-255	W46
128	000-255	W47
129	000-255	W48

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.