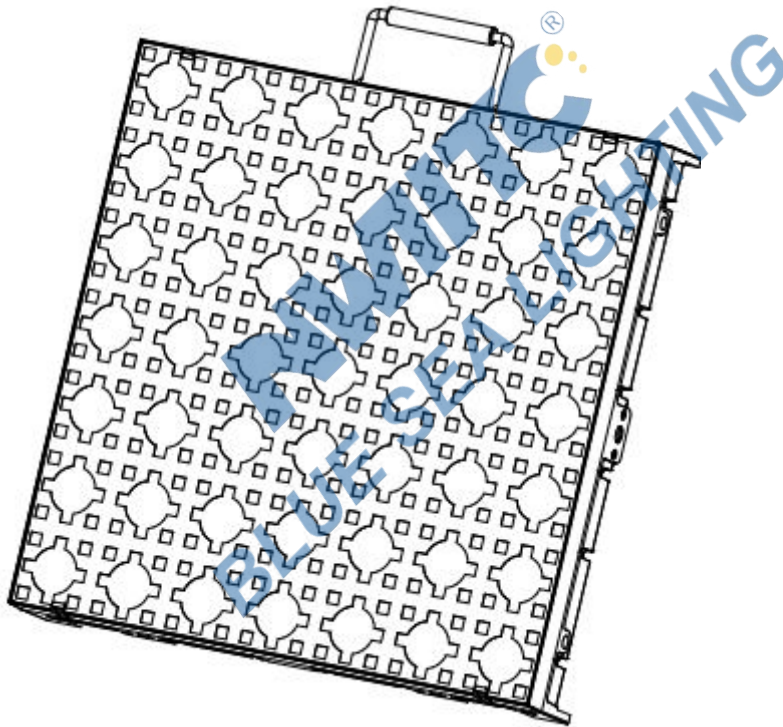


7x7 IP double-layer matrix headlights with network

User Manual



Please read the instructions carefully before use

Chapter 1 Precautions and installation

1. Tending

- This lamp should be kept dry and avoid working in a humid environment.
- Intermittent use will effectively extend the life of this lamp.
- In order to obtain good ventilation and lighting effect, it is necessary to clean the fan and fan screen as well as the lens frequently.
- Do not use organic solvents such as alcohol to wipe the lamp shell to avoid damage.

2. Statement

To use this product correctly and safely, please read the instructions carefully before installing and using this product. This manual contains important installation and application information, and you should strictly follow the instructions when installing and operating the product. At the same time, please keep this manual properly.

This product is shipped in good condition with complete packaging. All users should strictly adhere to the warnings and operating instructions stated above any damage caused by misuse is not covered by our warranty and any faults or issues arising from neglecting to read the manual are not within the dealers responsibility. We reserve the right to make any technical changes without prior notice.

Please remove the package carefully. After removing the package, check whether the product is damaged during transportation, and check whether the following contents are complete.

Chapter 2 Panel operation

1. Light panel

The schematic diagram of the lamp panel is shown as followsgraph 3As shown:

1) Temperature: as shown in the figure, the temperature of the lamp board is 30 degrees Celsius; if the temperature shows- - °C, the temperature of the lamp is abnormal. It may break the temperature control connection line. If the temperature shows * * * °C, and the obvious difference from the ambient temperature is too large, it may be the temperature control cable short circuit. Need professionals to repair and troubleshoot, before normal use.

2) Address code: It can display the range of 001-512, and the address code displayed on the map is 001.

3) DMX mode: 512 mode.

4) Button: UP: Up key MENU: Return key
ENTER: Confirm key DOWN: Down key

Note: Do not use a sharp or pointed object to strike the display screen to prevent damage.



Graph3Diagram of four-key display panel

2. Menu first interface

The first menu interface contains 6 submenus. By pressing "UP" key and "DOWN" key to select the corresponding submenus, and then pressing "ENTER" key to enter the corresponding submenu interface. The first menu interface is shown in Figure 4:

- 1) Address:** Click to enter the address code setting. The address code displayed on the lamp panel will be updated synchronously by pressing "UP" or "DOWN" keys to increase or decrease one address code.
- 2) Settings:** Click to enter the system Settings, you can change the working mode, working parameters and panel display Settings of the lamp.
- 3) Manual:** Click to enter the manual mode, you can control the function of the lamp, see the passage table for details.
- 4) Calibration:** Click to enter the password to enter the calibration interface, and you can adjust the parameters such as the power of the lamp, motor travel, and sound control sensitivity.
- 5) Advanced:** Click to enter the advanced Settings interface to perform corresponding operations on the performance in the SD card.
- 6) Information:** Click to enter to view the system error correction, software and hardware version and other information.

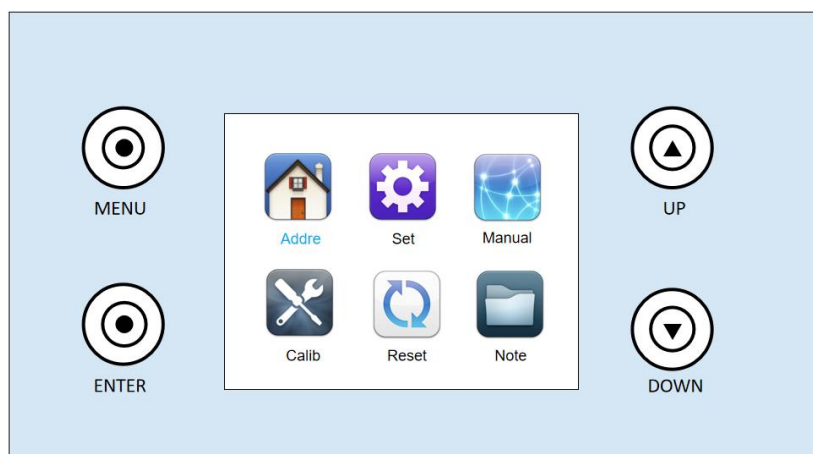


Figure 4 Determine the input window

2.1 System Settings

System Setup		System Setup	
Run Mode	DMX	Screen lock	ON
Channel	5CH	Invert Screen	OFF
Net Work		Update Slave	OFF
Pizel Flip	0°	Language	EN
Signal Keep	ON	Load Default	NO
Screen Saver	ON		

Figure 5 System Settings Interface

The system setting interface is shown in Figure 5. Enter the system setting, click the "ENTER" key to select the setting that needs to be modified, then select the content to be changed through the "UP" and "DOWN" keys, and finally confirm with the "ENTER" key. The working mode, working parameters and panel display settings of the lamp can be changed. See Table 1 for details.

option	explain	
running mode	Lamp operation mode: DMX/sound control/self walk 1/self walk 2	
	DMX pattern	Console mode, receive DMX signal
	DMX+Art	Receive dual control signals from DMX and Artnet (only 1813CH, 1817CH, and 1825CH are effective)
	Artnet	Artnet mode, receiving Artnet signals
	Self-drive mode 1	The lamp runs automatically according to the built-in self-starting program 1
	Self-drive mode 2	The lamp runs automatically according to the built-in self-starting program 2
	Voice control mode	When the lamp detects a strong sound, it automatically runs a scene according to the built-in program, otherwise it keeps the last scene
channel pattern	HSV/1CH/5CH/7CH/10CH/12CH/13CH/16CH/1813CH/1817CH/1825CH	

network settings	IP	Set the IP address of the lamp
	subnet mask	Set the subnet mask of the lamp
	land within certain boundaries	Set the domain (Universe) for the lamp
		Domain 1 000-32767 (universal mode for all channels)
		Domain 2 001-32767 (used only for 1813CH, 1817CH, and 1825CH channel modes)
		Domain 3 002-32767 (used only for 1813CH, 1817CH, and 1825CH channel modes)
		Domain 4 003-32767 (used only for 1813CH, 1817CH, and 1825CH channel modes)
	Starting channel	001
Pixel flip	Set the pixel flip Angle	
	0°	Pixel flip 0 degrees
	90°	Pixel flip 90 degrees
	180°	Pixel flip 180 degrees
	270°	Pixel flip 270 degrees
Signal hold	The output state of the lamp when there is no DMX signal	
	close	No signal, so the motor and light return to the position and state when the reset is completed
	open	No signal, keep the last frame of DMX data output
Screen protection	Screen brightness duration	
	close	Chang Liang
	open	In a static environment, the screen is turned off at regular intervals
Screen lock	Lock the screen when there is no operation	
	close	Turn off the screen lock
	open	Enable the screen lock
Screen flips	Set the display direction of the screen	
	close	Do not reverse display
	open	Reversed display
Synchronize updates	Synchronize the setting parameters or calibration parameters of multiple lamps	
	close	The sync feature is turned off.
	open	After starting, connect multiple lights with DMX cable, and the information can be updated synchronously in the Settings interface and calibration interface. (Note: Please disconnect the DMX signal cable connected to the console)
language	Switch between Chinese and English menus	
	centre	the Chinese language
	EN	English menu

factory data reset	The lamp parameters return the factory Settings	
	cancel	res sic stantibus
	affirm	Restore the factory setting of the lamp

Table 1

primary menu	Secondary menu	Level 3 menu/parameters
address	001 - 512	(Add or subtract 1 each time)
System Settings	running mode	DMX/DMX+Art /Artnet /self-walk 1 / self-walk 2 / voice control
	channel pattern	HSV/1CH/5CH/7CH/10CH/12CH/13CH/16CH /1813CH/1817CH/1825CH
	network settings	IP/subnetmask/domain/Starting channel
	Pixel flip	0°/90°/180°/270°
	Signal hold	On/off
	Screen protection	On/off
	Screen lock	On/off
	Screen flips	On/off
	Synchronize updates	On/off
	language	CH /EN
	factory data reset	Confirm/cancel
manual mode	Current channel mode channel	0-255
system calibration	enter password	Lamp calibration
advanced setup	Record the performance	Switch / 1-50
	Play the performance	Guan/1-Number of effective performances
	Synchronous performance	On/Off/1-Number of effective performances / All
system info	Reset information	Device error message
	DMX data monitoring	Receive the channel value from the console
	SD card information	SD card status information
	Hardware version	Displays the hardware version
	software release	Displays the software version

2.2 System calibration

Calibration		Calibration		Calibration	
Balance-Red	255	Balance 15-White	255	Balance 34-White	255
Balance-Green	255	Balance 16-White	255	Balance 35-White	255
Balance-Bule	255	Balance 17-White	255	Balance 36-White	255
Balance-White	255	Balance 18-White	255	Balance 37-White	255
Power	255	Balance 19-White	255	Balance 38-White	255
Balance 1-White	255	Balance 20-White	255	Balance 39-White	255
Balance 2-White	255	Balance 21-White	255	Balance 40-White	255
Balance 3-White	255	Balance 22-White	255	Balance 41-White	255
Balance 4-White	255	Balance 23-White	255	Balance 42-White	255
Balance 5-White	255	Balance 24-White	255	Balance 43-White	255
Balance 6-White	255	Balance 25-White	255	Balance 44-White	255
Balance 7-White	255	Balance 26-White	255	Balance 45-White	255
Balance 8-White	255	Balance 27-White	255	Balance 46-White	255
Balance 9-White	255	Balance 28-White	255	Balance 47-White	255
Balance 10-White	255	Balance 29-White	255	Balance 48-White	255
Balance 11-White	255	Balance 30-White	255	Balance 49-White	255
Balance 12-White	255	Balance 31-White	255	MIC	127
Balance 13-White	255	Balance 32-White	255	Change Password	>>
Balance 14-White	255	Balance 33-White	255		

Figure 6 System calibration interface

Enter the password "6688" to enter the system calibration interface, and modify the value through the "UP" key and "DOWN" key to modify the power of the lamp and the motor travel parameters. The system calibration interface is shown in Figure 6, and the detailed content is shown in Table 2.

option	explain
Whole machine white balance	After entering the sub-interface, you can adjust the white balance of red, green, blue and white. The adjustment range is 0~255,255 indicates no adjustment
power	After entering the sub-interface, you can adjust the maximum power of the whole lamp, 255 indicates the maximum power
Main light white balance	After entering the sub-interface, you can adjust the white balance of the main light LED1-LED49, and the adjustment range is 0~255,255 indicates no adjustment
Voice control sensitivity	After entering the sub-interface, you can adjust the sensitivity of the voice control, 0 indicates the most sensitive
change password	Set the system calibration password

Table 2

2.3 Advanced Settings

Built Show	
Record Effect	OFF
Play Effect	OFF
Sync Effect	OFF

Figure 7 Advanced Settings Interface

The system reset interface is shown in Figure 7. Press "UP" and "DOWN" keys to switch the reset mode, and press "ENTER" to reset directly. See Table 3 for details.

option	explain
Record a performance	Enter the specific recording signal and click to enter the recording, press the confirm key to end the recording
Play the performance	You can choose to preview the performance that has been recorded, and press the confirm button to end the playback
Synchronized performance	You can choose to synchronize a recorded performance to the server

Table 3

2.4 System information

System Info	
Reset Info	>>
DMX Data	>>
SD Card Info	>>
Hardware : 52.00.00.0	
Software : 04.00.00.0	

Figure 8 System Information Interface

Press the "ENTER" key directly to enter the system information interface, and select the information to be viewed by pressing the "UP" key and "DOWN" key, and then click "ENTER" to view the corresponding content. The system calibration interface is shown in Figure 8, and the detailed content is shown in Table 4.

option	explain
Reset information	System is normal
DMX data monitoring	Enter the sub-interface, and display the channel value in numerical form for viewing
SD card information	Show SD card type, capacity, capacity ratio and other related information

Hardware number	version	Lamp hardware information <u>XX. XX. XX.XX</u> ↓ Display board version..
Software number	version	Lamp software version <u>XX. XX. XX.XX</u> ↓ Display board version.

Table 4

Chapter 3 Channel description and technical parameters

1. channel table

The specific and detailed data of the channel are shown in Table 5, which can also be viewed in the manual operation interface:

1-channel mode (mode 1):

1CH	The channel name	The channel value	Channel function
1	Dimmer	000-255	0 ~100%

5-channel mode (mode 2):

5CH	The channel name	The channel value	Channel function
1	Red	000-255	0 ~100%
2	Green	000-255	0 ~100%
3	Blue	000-255	0 ~100%
4	White	000-255	0 ~100%
5	Warm White	000-255	0 ~100%

7 channel mode (mode 3):

7CH	The channel name	The channel value	Channel function
1	Dimmer	000-255	0 ~100%
2	Red	000-255	0 ~100%
3	Green	000-255	0 ~100%
4	Blue	000-255	0 ~100%
5	White	000-255	0 ~100%
6	Warm White	000-255	0 ~100%
7	Strobe	000-010	No Function
		011-255	Strobe Slow to Fast

10 channel mode (mode 4):

10CH	The channel name	The channel value	Channel function
------	------------------	-------------------	------------------

1	Dimmer	000-255	0 ~100%
2	Dimmer Fine	000-255	0 ~100%
3	Red	000-255	0 ~100%
4	Green	000-255	0 ~100%
5	Blue	000-255	0 ~100%
6	White	000-255	0 ~100%
7	Warm White	000-255	0 ~100%
8	Strobe	000-010	No Function
		011-255	Strobe Slow to Fast
9	Fixed Color	000-005	No Function
		006-013	R
		014-021	G
		022-029	B
		030-037	W
		038-045	WW
		046-053	RG
		054-061	RB
		062-069	RW
		070-077	R-WW
9	Fixed Color	078-085	GB
		086-093	GW
		094-101	G-WW
		102-109	BW
		110-117	B-WW
		118-125	W-WW
		126-133	RGB
		134-141	RGW
		142-149	RG-WW
		150-157	RBW
		158-165	RB-WW
		166-173	RW-WW
		174-181	GBW
		182-189	GB-WW
		190-197	BW-WW
		198-205	RGBW
		206-213	RGB-WW
		214-221	GBW-WW
		222-229	RBW-WW
		230-237	RGBW-WW
10	Color Temperature	238-255	No Function
		000-005	No Function
		006-018	2700K
		019-031	2800K
		032-044	3000K
		045-057	3200K
		058-070	3500K

		071-083	4000K
		084-096	4500K
		097-109	5000K
		110-122	5600K
		123-135	6000K
		136-148	6500K
		149-161	7000K
		162-174	7500K
		175-187	8000K
		188-200	8500K
		201-213	9000K
		214-226	9500K
		227-239	10000K
		240-255	No Function

12 channel mode (mode 5):

12CH	The channel name	The channel value	Channel function
1	Dimmer	000-255	0 ~100%
2	Red	000-255	0 ~100%
3	Green	000-255	0 ~100%
4	Blue	000-255	0 ~100%
5	White	000-255	0 ~100%
6	Warm White	000-255	0 ~100%
7	Strobe	000-010	No Function
		011-255	Strobe Slow to Fast
8	Fixed Color	000-005	No Function
		006-013	R
		014-021	G
		022-029	B
		030-037	W
		038-045	WW
		046-053	RG
		054-061	RB
		062-069	RW
		070-077	R-WW
		078-085	GB
		086-093	GW
		094-101	G-WW
		102-109	BW
		110-117	B-WW
		118-125	W-WW
		126-133	RGB
		134-141	RGW
		142-149	RG-WW

		150-157	RBW
		158-165	RB-WW
		166-173	RW-WW
		174-181	GBW
		182-189	GB-WW
		190-197	BW-WW
		198-205	RGBW
		206-213	RGB-WW
		214-221	GBW-WW
		222-229	RBW-WW
		230-237	RGBW-WW
		238-255	No Function
9	Color Temperature	000-005	No Function
		006-018	2700K
		019-031	2800K
		032-044	3000K
		045-057	3200K
		058-070	3500K
		071-083	4000K
		084-096	4500K
		097-109	5000K
		110-122	5600K
		123-135	6000K
		136-148	6500K
		149-161	7000K
		162-174	7500K
		175-187	8000K
		188-200	8500K
		201-213	9000K
		214-226	9500K
		227-239	10000K
		240-255	No Function
10	Auto programs	000-010	No Function
		011-040	Auto Program 1
		041-080	Auto Program 2
		081-120	Auto Program 3
		121-160	Auto Program 4
		161-200	Auto Program 5
		201-240	Auto Program 6
		241-255	No Function
11	Auto speed	000-255	Auto speed slow to fast
12	Control (Hold 3 Seconds)	000-007	No function
		008-015	Dimmer Reset
		016-023	Red Shift: ON

		024-031	Red Shift: OFF
		032-039	Dimmer: S-Curve
		040-047	Dimmer: Linear
		048-055	Dimmer: Square
		056-063	Dimmer: Inverse Square
		064-071	Dimmer speed mode off
		072-079	Dimmer speed mode 1
		080-087	Dimmer speed mode2
12	Control (Hold 3 Seconds)	088-095	Dimmer speed mode3
		096-103	Pixel Flipping:Normal
		104-111	Pixel Flipping:Flip Right 90°
		112-119	Pixel Flipping:Flip Right 180°
		120-127	Pixel Flipping:Flip Right 270°
		128-255	Future Use (No Function)

13 channel mode (mode 6):

13CH	The channel name	The channel value	Channel function
1	Dimmer	000-255	0 ~100%
2	Dimmer Fine	000-255	0 ~100%
3	Red	000-255	0 ~100%
4	Red Fine	000-255	0 ~100%
5	Green	000-255	0 ~100%
6	Green Fine	000-255	0 ~100%
7	Blue	000-255	0 ~100%
8	Blue Fine	000-255	0 ~100%
9	White	000-255	0 ~100%
10	White Fine	000-255	0 ~100%
11	Warm White	000-255	0 ~100%
12	Warm White Fine	000-255	0 ~100%
13	Strobe	000-010	No Function
		011-255	Strobe Slow to Fast

16 channel mode (mode 7):

16CH	The channel name	The channel value	Channel function
1	Dimmer	000-255	0 ~100%
2	Dimmer Fine	000-255	0 ~100%
3	Red	000-255	0 ~100%
4	Red Fine	000-255	0 ~100%
5	Green	000-255	0 ~100%
6	Green Fine	000-255	0 ~100%
7	Blue	000-255	0 ~100%
8	Blue Fine	000-255	0 ~100%
9	White	000-255	0 ~100%
10	White Fine	000-255	0 ~100%

11	Warm White	000-255	0 ~100%
12	Warm White Fine	000-255	0 ~100%
13	Strobe	000-010	No Function
		011-255	Strobe Slow to Fast
14	Fixed Color	000-005	No Function
		006-013	R
		014-021	G
		022-029	B
		030-037	W
		038-045	WW
		046-053	RG
		054-061	RB
		062-069	RW
		070-077	R-WW
		078-085	GB
		086-093	GW
		094-101	G-WW
		102-109	BW
		110-117	B-WW
		118-125	W-WW
		126-133	RGB
		134-141	RGW
		142-149	RG-WW
		150-157	RBW
		158-165	RB-WW
		166-173	RW-WW
		174-181	GBW
		182-189	GB-WW
		190-197	BW-WW
		198-205	RGBW
		206-213	RGB-WW
		214-221	GBW-WW
		222-229	RBW-WW
		230-237	RGBW-WW
		238-255	No Function
15	Color Temperature	000-005	No Function
		006-018	2700K
		019-031	2800K
		032-044	3000K
		045-057	3200K
		058-070	3500K
		071-083	4000K
		084-096	4500K
		097-109	5000K

		110-122	5600K
15	Color Temperature	123-135	6000K
		136-148	6500K
		149-161	7000K
		162-174	7500K
		175-187	8000K
		188-200	8500K
		201-213	9000K
		214-226	9500K
		227-239	10000K
		240-255	No Function
16	Control (Hold 3 Seconds)	000-007	No function
		008-015	Dimmer Reset
		016-023	Red Shift: ON
		024-031	Red Shift: OFF
		032-039	Dimmer: S-Curve
		040-047	Dimmer: Linear
		048-055	Dimmer: Square
		056-063	Dimmer: Inverse Square
		064-071	Dimmer speed mode off
		072-079	Dimmer speed mode 1
		080-087	Dimmer speed mode2
		088-095	Dimmer speed mode3
		096-103	Pixel Flipping:Normal
		104-111	Pixel Flipping:Flip Right 90°
		112-119	Pixel Flipping:Flip Right 180°
		120-127	Pixel Flipping:Flip Right 270°
		128-255	Future Use (No Function)

1813 channel mode (mode 8):

1813CH			The channel name	The channel value	Channel function
ArtNet	ArtNet+DMX		/	/	/
ArtNet	ArtNet	DMX	/	/	/
1			Red 1	000-255	0 ~100%
2	2		Green 1	000-255	0 ~100%
3	3		Blue 1	000-255	0 ~100%
4	4		White 1	000-255	0 ~100%
5	5		Red 2	000-255	0 ~100%
6	6		Green 2	000-255	0 ~100%
7	7		Blue 2	000-255	0 ~100%
8	8		White 2	000-255	0 ~100%
...	...		...	...	...
1757	1757		Red 440	000-255	0 ~100%

1758	1758		Green 440	000-255	0 ~100%
1759	1759		Blue 440	000-255	0 ~100%
1760	1760		White 440	000-255	0 ~100%
1761	1761		Red 441	000-255	0 ~100%
1762	1762		Green 441	000-255	0 ~100%
1763	1763		Blue 441	000-255	0 ~100%
1764	1764		White 441	000-255	0 ~100%
1765		1	Warm White 1	000-255	0 ~100%
1766		2	Warm White 2	000-255	0 ~100%
...			...	...	...
1812		48	Warm White 48	000-255	0 ~100%
1813		49	Warm White 49	000-255	0 ~100%

1817 channel mode (mode 9):

1817CH			The channel name	The channel value	Channel function
ArtNet	ArtNet+DMX		/	/	/
ArtNet	ArtNet	DMX	/	/	/
1			Red 1	000-255	0 ~100%
2	2		Green 1	000-255	0 ~100%
3	3		Blue 1	000-255	0 ~100%
4	4		White 1	000-255	0 ~100%
5			Red 2	000-255	0 ~100%
6	6		Green 2	000-255	0 ~100%
7	7		Blue 2	000-255	0 ~100%
8	8		White 2	000-255	0 ~100%
...	...		...	...	...
1757	1757		Red 440	000-255	0 ~100%
1758	1758		Green 440	000-255	0 ~100%
1759	1759		Blue 440	000-255	0 ~100%
1760	1760		White 440	000-255	0 ~100%
1761	1761		Red 441	000-255	0 ~100%
1762	1762		Green 441	000-255	0 ~100%
1763	1763		Blue 441	000-255	0 ~100%
1764	1764		White 441	000-255	0 ~100%
1765		1	Warm White 1	000-255	0 ~100%
1766		2	Warm White 2	000-255	0 ~100%
...			...	...	...
1812		48	Warm White 48	000-255	0 ~100%
1813		49	Warm White 49	000-255	0 ~100%
1814		50	Master Dimmer	000-255	0 ~100%
1815		51	RGBW Dimmer	000-255	0 ~100%
1816		52	WW Dimmer	000-255	0 ~100%

1817		53	Control (Hold 3 Seconds)	000-007	No function
				008-015	Dimmer Reset
				016-023	Red Shift: ON
				024-031	Red Shift: OFF
				032-039	Dimmer: S-Curve
				040-047	Dimmer: Linear
				048-055	Dimmer: Square
				056-063	Dimmer: Inverse Square
				064-071	Dimmer speed mode off
				072-079	Dimmer speed mode 1
				080-087	Dimmer speed mode2
				088-095	Dimmer speed mode3
				096-103	Pixel Flipping:Normal
				104-111	Pixel Flipping:Flip Right 90°
				112-119	Pixel Flipping:Flip Right 180°
				120-127	Pixel Flipping:Flip Right 270°
				128-255	Future Use (No Function)

1825 channel mode (mode 10):

1825CH			The channel name	The channel value	Channel function
ArtNet	ArtNet+DMX		/	/	/
ArtNet	ArtNet	DMX	/	/	/
1			Red 1	000-255	0 ~100%
2	2		Green 1	000-255	0 ~100%
3	3		Blue 1	000-255	0 ~100%
4	4		White 1	000-255	0 ~100%
5			Red 2	000-255	0 ~100%
6	6		Green 2	000-255	0 ~100%
7	7		Blue 2	000-255	0 ~100%
8	8		White 2	000-255	0 ~100%
...	...		...	...	...
1757	1757		Red 440	000-255	0 ~100%
1758	1758		Green 440	000-255	0 ~100%
1759	1759		Blue 440	000-255	0 ~100%
1760	1760		White 440	000-255	0 ~100%
1761	1761		Red 441	000-255	0 ~100%
1762	1762		Green 441	000-255	0 ~100%
1763	1763		Blue 441	000-255	0 ~100%
1764	1764		White 441	000-255	0 ~100%
1765		1	Warm White 1	000-255	0 ~100%
1766		2	Warm White 2	000-255	0 ~100%
...			...	...	...

1812		48	Warm White 48	000-255	0 ~100%
1813		49	Warm White 49	000-255	0 ~100%
1814		50	Master Dimmer	000-255	0 ~100%
1815		51	Master Dimmer Fine	000-255	0 ~100%
1816		52	RGBW Dimmer	000-255	0 ~100%
1817		53	RGBW Dimmer Fine	000-255	0 ~100%
1818		54	WW Dimmer	000-255	0 ~100%
1819		55	WW Dimmer Fine	000-255	0 ~100%
1820		56	Strobe	000-010	No Function
				011-255	Strobe Slow to Fast
1821		57	Fixed Color	000-005	No Function
				006-013	R
				014-021	G
				022-029	B
				030-037	W
				038-045	WW
				046-053	RG
				054-061	RB
				062-069	RW
				070-077	R-WW
				078-085	GB
				086-093	GW
				094-101	G-WW
				102-109	BW
				110-117	B-WW
				118-125	W-WW
				126-133	RGB
				134-141	RGW
				142-149	RG-WW
				150-157	RBW
				158-165	RB-WW
				166-173	RW-WW
				174-181	GBW
				182-189	GB-WW
				190-197	BW-WW
				198-205	RGBW
				206-213	RGB-WW
				214-221	GBW-WW
				222-229	RBW-WW
				230-237	RGBW-WW
				238-255	No Function
1822		58	Color Temperature	000-005	No Function
				006-018	2700K

				019-031	2800K
				032-044	3000K
				045-057	3200K
1822		58	Color Temperature	058-070	3500K
				071-083	4000K
				084-096	4500K
				097-109	5000K
				110-122	5600K
				123-135	6000K
				136-148	6500K
				149-161	7000K
				162-174	7500K
				175-187	8000K
				188-200	8500K
				201-213	9000K
				214-226	9500K
				227-239	10000K
				240-255	No Function
1823		59	Auto programs	000-010	No Function
				011-040	Auto Program 1
				041-080	Auto Program 2
				081-120	Auto Program 3
				121-160	Auto Program 4
				161-200	Auto Program 5
				201-240	Auto Program 6
				241-255	No Function
1824		60	Auto speed	000-255	Auto speed slow to fast
1825		61	Control (Hold 3 Seconds)	000-007	No function
				008-015	Dimmer Reset
				016-023	Red Shift: ON
				024-031	Red Shift: OFF
				032-039	Dimmer: S-Curve
				040-047	Dimmer: Linear
				048-055	Dimmer: Square
				056-063	Dimmer: Inverse Square
				064-071	Dimmer speed mode off
				072-079	Dimmer speed mode 1
				080-087	Dimmer speed mode2
				088-095	Dimmer speed mode3
				096-103	Pixel Flipping:Normal
				104-111	Pixel Flipping:Flip Right 90°
				112-119	Pixel Flipping:Flip Right 180°
				120-127	Pixel Flipping:Flip Right 270°
				128-255	Future Use (No Function)

HSV channel mode (mode 11):

HSV	Functio	Value	Percent/Setting
1	Hue	000-255	0 ~100%
2	Saturati	000-255	0 ~100%
3	Value	000-255	0 ~100%

Table 5

2. Technical parameters:

Input voltage: AC100-240V,50/60Hz

Total lamp power: 700W;

Main light source: 49*8W;

Radiant: 441*0.5W RGBW LED module;

Type: Single-head 8W warm white LED module;

Life expectancy:>20,000 hours;

Display and control

Display screen and main control: LCD display screen, support switching between Chinese and English; can query lamp information;

Channels:HSV channels / 5channels/ 7channels / 10 channels / 12 channels / 13 channels / 16 channels / 1813 channels / 1817channels / 1825 channels;

Control: DMX512 Control, support RDM function; upgrade lamps through DMX signal line pair. Art-Net control;

Dimming and flashing: linear electronic dimming from 0 to 100%; fast electronic flashing;

Pixel matrix: overall control + single point control;

Pixel, beam free transformation, superposition use, the effect is rich;

configuration parameter

Heat dissipation system: natural heat dissipation;

Appearance: case (metal, black sandblasting), panel (acrylic);

Size: 500*500*104mm ;

Waterproof rating: IP65;

3.product size

