

# **MODULUX 2X300W RGBAWW**



## **User Manual**

## Diagram section



When displayed normally

Button:

K1: Menu and Return

K2 & K3 : Adjust options and their numerical values

K4: Determine

If entering the screensaver, long press K1 and then release it to release the screensaver, and do not touch any other buttons, otherwise press K1 again.

When flipping the display

Button:

K3 : Menu and Return

K1&K4: Adjust options and their numerical values

K2: Determine

If entering the screensaver, long press K3 and then release it to release the screensaver, and do not touch any other buttons, otherwise press K3 again.

Attention:

1. If the temperature control resistor is not successfully connected, the power of the lamp will be halved, and after 5 seconds, it will jump to the main interface and display an error message
2. If there is no button operation within thirty seconds, the interface will jump to the main interface

## Comparison Table of Functions Displayed on the Front Desk (bold font in the table represents the default values for this item)

Display window when language is set to English

Main interface	Level 1 menu	Level 2 menu	Level 3 menu	Description
When receiving a DMX signal, the screen displays "*". On this interface, the DMX address can be adjusted	DMX Mode	1CH DWE		
		2CH DWE		
		4CH DWE		
		9CH DWE+		
		6CH STROBE		
		6CH RGB		
		10CH BASIC RGB		
		14CH BASIC RGB		
		<b>13CH STANDARD RGB</b>		
		22CH STANDARD RGB		
		24CH STANDARD RGB		
		33CH STANDARD RGB		
		10CH DIRECT		
		12CH DIRECT		
17CH DIRECT				
28CH DIRECT				
41CH DIRECT				
The effect of execution can be adjusted on this interface	Auto	Dimmer <b>100</b>		000-100
		Effect <b>00</b>		00-10 00: Not executing the effect 01-10: Various effects
		Speed <b>100</b>		000-100
On this interface, the overall dimming can be adjusted	Quick Color	Dimmer <b>100</b>		000-100
		Shutter <b>255</b>		000-255 (Refer to the flicker explanation of channel mode)
		Red <b>000</b>		000-255
		Green <b>000</b>		000-255
		Blue <b>000</b>		000-255
		Amber <b>000</b>		000-255
		White <b>000</b>		000-255
On this	Color Macro	Dimmer <b>100</b>		000-100

interface, the color paper can be adjusted		Color Macro <b>00</b>		00-60 (For the corresponding names of colored paper, please refer to the colored paper table below)
Color temperature can be adjusted on this interface	Tunable White	Dimmer <b>100</b>		000-100
		CCT <b>2900K</b>		2000K-10000K
		Tint <b>+000</b>		-127~+127 Negative values tend to be reddish, positive values tend to be greenish, and 0 represents neutral color
On this interface, you can select custom colors that have been programmed	User Color	<b>Color 1</b>	Dimmer <b>100</b>	There are a total of five custom colors, and the operation items are shown in color 1
			Shutter <b>255</b>	
			Red <b>000</b>	
			Green <b>000</b>	
			Blue <b>000</b>	
			Amber <b>000</b>	
		White <b>000</b>		
		Color 2		
		Color 3		
Color 4				
Color 5				
	Settings	Language	中文	The screen display language is Chinese
			<b>English</b>	The screen display language is English
		MOSI Switch	<b>Off</b>	Do not send host data to slave
			On	Send host data to slave
		Screensaver	Off	
			<b>On</b>	Enter screensaver after 30 seconds without button operation
		Screenflip	<b>Off</b>	
			On	The screen flips and the buttons also flip
		Screenlock	Off	
			<b>On</b>	Lock after 30 seconds without button operation
		DMX Fail	In DMX mode, the data status of the LED after signal interruption	
			<b>Clear</b>	The data will be cleared

				later
			Hold	Data hold
			Lit up	Keep the LED on at the power limit set by the current power setting
		Dimmer Curve	Use the console to execute the power curve for regular dimming, without affecting the dimming, color temperature, color paper, and other modes with bulb effects (if the channel mode itself has a dimming curve, use the dimming curve channel as a guide)	
			<b>Linear</b>	Linear power curve
			Square	Square power curve
			Anti-square	Inverse square power curve
			S-line	S power curve
		Dimmer Bit	The process of changes in LED bead data	
			8Bit	Direct switching of LED data
			<b>16Bit</b>	Smooth conversion of LED bead data
		Dimmer Resp.	The speed of light changes (if the channel mode itself has a dimming speed, use the dimming speed channel as a guide)	
			<b>Led</b>	
			Medium	
			Halogen	
		LED Frequency	1kHz	
			2kHz	
			4kHz	
			12kHz	
			16kHz	
			25kHz	
		Redshift	Only applicable to color temperatures between 2700K-3500K	
			Off	
			<b>On</b>	
		Fan	<b>Auto</b>	If the temperature control resistor is not connected, the fan will rotate when the LED
			Silent	

				lights up. After connecting the temperature control resistor, when the temperature exceeds 44 °C, the fan rotates; When the temperature drops below 40 °C, the fan stops. The “automatic” speed can reach the maximum speed, while the “silent” speed is lower
			Off	
			Max.Power	
		Invert Mapping	The direction of running and dimming of the lamp beads	
			Off	
			On	
		LED Mode	Set the power limit in the background to full power	
			Lower Power	
			High Power	
		Restore	Factory reset, backend parameters and language settings are not restored, and the interface jumps to the main interface	
			Off	
			On	
System Info		Firmware VER	250213D5V1	
		RDM ID		Each device has a different ID number, consisting of 6 hexadecimal digits
		Temperature	LED1: xx°C/xx°F LED2: xx°C/xx°F MAX: xx°C/xx°F	
		Power on time	0: 00	
		LED on time	LED1: 0: 00 LED2: 0: 00	
		Fan state		
		Errors		If the temperature control resistor detection fails, the failed temperature control will be displayed

## Comparison of backend display functions (bold font in the table represents the default values for this item)

When in the first level menu, adjust the cursor to the DMX item and long press the menu key to enter the background

Display window when language is set to English

Menu item	Description
R current <b>207</b>	020-255
G current <b>217</b>	020-255
B current <b>212</b>	020-255
A current <b>219</b>	020-255
W current <b>222</b>	020-255
P limit <b>180</b>	050-255
T1 protect <b>70</b>	40-80 When the temperature of the lamp body exceeds the set value, the power of the lamp bead decreases Attention: The lamp body needs to be connected to a temperature control resistor before this function can be activated
T2 protect <b>70</b>	40-80 When the temperature of the lamp body exceeds the set value, the power of the lamp bead decreases Attention: The lamp body needs to be connected to a temperature control resistor before this function can be activated
Push <b>Shut down</b>	Push the backend parameters of the local machine, set parameters and channel modes to the slave machine. Shut down: Do not push Turn on: Push Attention: Please ensure that the signal line between the host and the slave is connected and powered on, and that the slave display interface is a DMX address interface. When pushing, wait for the LED of the slave device to flash (indicating that the data sent by the host has been received and saved) before the host can exit the push state.

Display window when language is set to Chinese

Menu item	Description
红色电流 <b>207</b>	020-255
绿色电流 <b>217</b>	020-255

蓝色电流 <b>212</b>	020-255
琥珀色电流 <b>219</b>	020-255
暖白色电流 <b>222</b>	020-255
功率限制 <b>180</b>	050-255
温度 1 保护 <b>70</b>	40-80 When the temperature of the lamp body exceeds the set value, the power of the lamp bead decreases Attention: The lamp body needs to be connected to a temperature control resistor before this function can be activated
温度 2 保护 <b>70</b>	40-80 When the temperature of the lamp body exceeds the set value, the power of the lamp bead decreases Attention: The lamp body needs to be connected to a temperature control resistor before this function can be activated
推送 关闭	Push the backend parameters of the local machine, set parameters and channel modes to the slave machine. Shut down: Do not push Turn on: Push Attention: Please ensure that the signal line between the host and the slave is connected and powered on, and that the slave display interface is a DMX address interface. When pushing, wait for the LED of the slave device to flash (indicating that the data sent by the host has been received and saved) before the host can exit the push state.

## DMX channel table

CH	1CH DWE	2CH DWE	4CH DWE	9CH DWE+	6CH STROBE
1	Dimmer	Dimmer1	Dimmer 1	Master Dimmer	Master Dimmer
2		Dimmer2	Dimmer Curve	Shutter	Shutter
3			Dimmer Response	Red	Duration
4			Redshift	Green	Dimmer 1
5				Blue	Dimmer 2
6				CTC	CTC
7				Dimmer Curve	
8				Dimmer Response	
9				Redshift	

CH	6CH RGB	10CH BASIC RGB	14CH BASIC RGB	13CH STANDARD RGB
1	Red 1	Master Dimmer	Master Dimmer	Master Dimmer
2	Green 1	Shutter	Master Dimmer Fine	Shutter
3	Blue 1	Red	Shutter	Dimmer 1
4	Red 2	Green	Red	Red 1
5	Green 2	Blue	Red Fine	Green 1
6	Blue 2	CTC	Green	Blue 1
7		Tint	Green Fine	Dimmer 2
8		Color Macro	Blue	Red 2
9		Color Macro Crossfade	Blue Fine	Green 2
10		Device Settings	CTC	Blue 2
11			Tint	CTC (all)
12			Color Marco	Tint (all)
13			Color Macro Crossfade	Device Settings
14			Device Settings	

CH	22CH STANDARD RGB	24CH EXTENDED RGB	33CH EXTENDED RGB
1	Master Dimmer	Master Dimmer	Master Dimmer
2	Master Dimmer Fine	Shutter	Master Dimmer Fine
3	Shutter	Duration	Shutter
4	Dimmer 1	Dimmer 1	Duration
5	Dimmer 1 Fine	Red 1	Dimmer 1
6	Red 1	Green 1	Dimmer 1 Fine
7	Red 1 Fine	Blue 1	Red 1
8	Green 1	CTC 1	Red 1 Fine
9	Green 1 Fine	Tint 1	Green 1
10	Blue 1	Color Macro 1	Green 1 Fine
11	Blue 1 Fine	Color Macro Crossfade 1	Blue 1
12	Dimmer 2	Dimmer 2	Blue 1 Fine
13	Dimmer 2 Fine	Red 2	CTC 1
14	Red 2	Green 2	Tint 1
15	Red 2 Fine	Blue 2	Color Macro 1

16	Green 2	CTC 2	Color Macro Crossfade 1
17	Green 2 Fine	Tint 2	Dimmer 2
18	Blue 2	Color Macro 2	Dimmer 2 Fine
19	Blue 2 Fine	Color Macro Crossfade 2	Red 2
20	CTC (all)	Effect	Red 2 Fine
21	Tint (all)	Dimmer Curve	Green 2
22	Device Settings	Dimmer Response	Green 2 Fine
23		Redshift	Blue 2
24		Device Settings	Blue 2 Fine
25			CTC 2
26			Tint 2
27			Color Macro 2
28			Color Macro Crossfade 2
29			Effect
30			Dimmer Curve
31			Dimmer Response
32			Redshift
33			Device Settings

CH	10CH DIRECT	12CH DIRECT	17CH DIRECT	28CH DIRECT	41CH DIRECT
1	Red 1	Master Dimmer	Master Dimmer	Master Dimmer	Master Dimmer
2	Green 1	Shutter	Shutter	Shutter	Master Dimmer Fine
3	Blue 1	Red	Dimmer 1	Duration	Shutter
4	Amber 1	Green	Red 1	Dimmer 1	Duration
5	White 1	Blue	Green 1	Red 1	Dimmer 1
6	Red 2	Amber	Blue 1	Green 1	Dimmer 1 Fine
7	Green 2	White	Amber 1	Blue 1	Red 1
8	Blue 2	CTC	White 1	Amber 1	Red 1 Fine
9	Amber 2	Tint	Dimmer 2	White 1	Green 1
10	White 2	Color Macro	Red 2	CTC 1	Green 1 Fine
11		Color Macro Crossfade	Green 2	Tint 1	Blue 1
12		Device Settings	Blue 2	Color Macro 1	Blue 1 Fine
13			Amber 2	Color Macro Crossfade 1	Amber 1
14			White 2	Dimmer 2	Amber 1 Fine
15			CTC (all)	Red 2	White 1
16			Tint (all)	Green 2	White 1 Fine
17			Device Settings	Blue 2	CTC 1
18				Amber 2	Tint 1
19				White 2	Color Macro 1
20				CTC 2	Color Macro Crossfade 1
21				Tint 2	Dimmer 2
22				Color Macro 2	Dimmer 2 Fine

23				Color Macro Crossfade 2	Red 2
24				Effect	Red 2 Fine
25				Dimmer Curve	Green 2
26				Dimmer Response	Green 2 Fine
27				Redshift	Blue 2
28				Device Settings	Blue 2 Fine
29					Amber 2
30					Amber 2 Fine
31					White 2
32					White 2 Fine
33					CTC 2
34					Tint 2
35					Color Macro 2
36					Color Macro Crossfade 2
37					Effect
38					Dimmer Curve
39					Dimmer Response
40					Redshift
41					Device Settings

## 1CH DWE Channel Description

CH	Function	Description
1	Dimmer	Manifested as the current color temperature in color temperature mode

## 2CH DWE Channel Description

CH	Function	Description
1	Dimmer 1	Manifested as the current color temperature in color temperature mode
2	Dimmer 2	Manifested as the current color temperature in color temperature mode

## 4CH DWE Channel Description

CH	Function	Description
1	Dimmer	Manifested as the current color temperature in color temperature mode
2	Dimmer Curve	0-51, Current Preset from Menu Settings 52-101, Linear dimmer curve 102-152, Square dimmer curve 153-203, Anti-square dimmer curve 204-255, S-line dimmer curve
3	Dimmer Response	0-63, Current Preset from Menu Settings 64-127, LED/fast 128-191, Medium 192-255, Halogen/slow
4	Redshift	0-84, Current Preset from Menu Settings 85-170, Off 171-255, On

## 9CH DWE+ Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
3	R Dimmer	
4	G Dimmer	
5	B Dimmer	
6	CCT(affects RGB)	000-004,2900K 005-255, 2000K-10000K linear in 31-32K steps

7	Dimmer Curve	0-51, Current Preset from Menu Settings 52-101, Linear dimmer curve 102-152, Square dimmer curve 153-203, Anti-square dimmer curve 204-255, S-line dimmer curve
8	Dimmer Response	0-63, Current Preset from Menu Settings 64-127, LED/fast 128-191, Medium 192-255, Halogen/slow
9	Redshift	0-84, Current Preset from Menu Settings 85-170, Off 171-255, On

## 6CH STROBE Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
3	Duration	Extend the lighting time during flicker, only applicable to the normal flicker of channel 2 (025-064)
4	Dimmer 1	
5	Dimmer 2	
6	CCT	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps

## 6CH RGB Channel Description

CH	Function	Description
1	R1 dimmer	
2	G1 dimmer	
3	B1 dimmer	
4	R2 dimmer	
5	G2 dimmer	
6	B2 dimmer	

## 10CH BASIC RGB Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	<p>If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least</p> <p>0-19, Shutter close            20-24, Shutter open            25-64, Normal strobe (fast-slow)            65-69, Shutter open            70-109, Opening pulse (fast-slow)            110-114, Shutter open            115-154, Closing pulse (fast-slow)            155-159, Shutter open            160-199, Random strobe (fast-slow)            200-204, Shutter open            205-244, Lightning strobe (fast-slow)            245-255, Shutter open</p>
3	R dimmer	
4	G dimmer	
5	B dimmer	
6	CCT(affects RGB)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
7	Tint (affects CCT and RGB)	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
8	Color Macro override (RGB/CCT)	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details

9	Color Macro Cross fade (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
10	Device Settings	<p>The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting.</p> <p><b>The following functions require a 3-second pause to take effect</b></p> <p>000-029 No function  030-034 8bit  035-039 16bit  040-044 No function  045-049 DMX Fail Blackout  050-054 DMX Fail Hold  055-059 DMX Fail - Emergency Light  060-064 No function  065-069 Linear dimming curve  070-074 Square dimming curve  075-079 Anti-square dimming curve  080-084 S dimming curve  085-089 No function  090-094 Dimmer Response fast  095-099 Dimmer Response medium  100-104 Dimmer Response slow (halogen)  105-109 No function  110-114 Redshift on (affects only between 2700-3500K)  115-119 Redshift off  125-139 No function  140-144 LED Frequency 1kHz  145-149 LED Frequency 2kHz  150-154 LED Frequency 4kHz  155-159 LED Frequency 12kHz  160-164 LED Frequency 16kHz  165-169 LED Frequency 25kHz  170-174 No function  175-179 Fan Auto  180-184 Fan Silent  185-189 Fan Off  190-194 Fan High Power  195-199 No function  200-214 Invert Mapping Off  215-219 Invert Mapping On</p>

		220–224 No function 225–229 LED Mode - low-power 230–234 LED Mode – High-power 235–239 No function 240–255 The current setting is invalid
--	--	---

## 14CH BASIC RGB Channel Description

CH	Function	Description
1	Dimmer	
2	Dimmer fine-tuning	
3	Strobe	<p>If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least</p> <p>0-19, Shutter close            20-24, Shutter open            25-64, Normal strobe (fast-slow)            65-69, Shutter open            70-109, Opening pulse (fast-slow)            110-114, Shutter open            115-154, Closing pulse (fast-slow)            155-159, Shutter open            160-199, Random strobe (fast-slow)            200-204, Shutter open            205-244, Lightning strobe (fast-slow)            245-255, Shutter open</p>
4	R dimmer	
5	R dimmer fine-tuning	
6	G dimmer	
7	G dimmer fine-tuning	
8	B dimmer	
9	B dimmer fine-tuning	
10	CCT(affects RGB)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
11	Tint (affects CCT and RGB)	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green

12	Color Macro (override RGB/CCT)	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
13	Color Macro Cross fade (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
14	Device Settings	<p>The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting.</p> <p><b>The following functions require a 3-second pause to take effect</b></p> <p>000-029 No function  030-034 8bit  035-039 16bit  040-044 No function  045-049 DMX Fail Blackout  050-054 DMX Fail Hold  055-059 DMX Fail - Emergency Light  060-064 No function  065-069 Linear dimming curve  070-074 Square dimming curve  075-079 Anti-square dimming curve  080-084 S dimming curve  085-089 No function  090-094 Dimmer Response fast  095-099 Dimmer Response medium  100-104 Dimmer Response slow (halogen)  105-109 No function  110-114 Redshift on (affects only between 2700-3500K)  115-119 Redshift off  125-139 No function  140-144 LED Frequency 1kHz  145-149 LED Frequency 2kHz  150-154 LED Frequency 4kHz  155-159 LED Frequency 12kHz  160-164 LED Frequency 16kHz  165-169 LED Frequency 25kHz  170-174 No function  175-179 Fan Auto  180-184 Fan Silent  185-189 Fan Off</p>

		190–194 Fan High Power 195–199 No function 200–214 Invert Mapping Off 215–219 Invert Mapping On 220–224 No function 225–229 LED Mode - low-power 230–234 LED Mode - High-power 235–239 No function 240–255 The current setting is invalid
--	--	---

## 13CH STANDARD RGB Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
3	Dimmer 1	
4	R1 dimmer	
5	G1 dimmer	
6	B1 dimmer	
7	Dimmer 2	
8	R2 dimmer	
9	G2 dimmer	
10	B2 dimmer	
11	Tint (affects CCT and RGB 1+2)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
12	Tint (affects CCT and RGB 1+2)	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green

13	Device Settings	<p>The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting.</p> <p><b>The following functions require a 3-second pause to take effect</b></p> <p>000-029 No function  030-034 8bit  035-039 16bit  040-044 No function  045-049 DMX Fail Blackout  050-054 DMX Fail Hold  055-059 DMX Fail - Emergency Light  060-064 No function  065-069 Linear dimming curve  070-074 Square dimming curve  075-079 Anti-square dimming curve  080-084 S dimming curve  085-089 No function  090-094 Dimmer Response fast  095-099 Dimmer Response medium  100-104 Dimmer Response slow (halogen)  105-109 No function  110-114 Redshift on (affects only between 2700-3500K)  115-119 Redshift off  125-139 No function  140-144 LED Frequency 1kHz  145-149 LED Frequency 2kHz  150-154 LED Frequency 4kHz  155-159 LED Frequency 12kHz  160-164 LED Frequency 16kHz  165-169 LED Frequency 25kHz  170-174 No function  175-179 Fan Auto  180-184 Fan Silent  185-189 Fan Off  190-194 Fan High Power  195-199 No function  200-214 Invert Mapping Off  215-219 Invert Mapping On  220-224 No function  225-229 LED Mode - low-power  230-234 LED Mode - High-power  235-239 No function</p>
----	-----------------	--

		240–255 The current setting is invalid
--	--	--

## 22CH STANDARD RGB Channel Description

CH	Function	Description
1	Dimmer	
2	Dimmer fine-tuning	
3	Strobe	<p>If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least</p> <p>0-19, Shutter close  20-24, Shutter open  25-64, Normal strobe (fast-slow)  65-69, Shutter open  70-109, Opening pulse (fast-slow)  110-114, Shutter open  115-154, Closing pulse (fast-slow)  155-159, Shutter open  160-199, Random strobe (fast-slow)  200-204, Shutter open  205-244, Lightning strobe (fast-slow)  245-255, Shutter open</p>
4	Dimmer 1	
5	Dimmer 1 fine-tuning	
6	R1 dimmer	
7	R1 dimmer fine-tuning	
8	G1 dimmer	
9	G1 dimmer fine-tuning	
10	B1 dimmer	
11	B1 dimmer fine-tuning	
12	Dimmer 2	
13	Dimmer 2 fine-tuning	
14	R1 dimmer	
15	R1 dimmer fine-tuning	

16	G2 dimmer	
17	G2 dimmer fine-tuning	
18	B2 dimmer	
19	B2 dimmer fine-tuning	
20	CCT(affects RGB 1+2)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
21	Tint ( affects CCT and RGB 1+2 )	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
22	Device Settings	<p>The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting.</p> <p><b>The following functions require a 3-second pause to take effect</b></p> <p>000-029 No function  030-034 8bit  035-039 16bit  040-044 No function  045-049 DMX Fail Blackout  050-054 DMX Fail Hold  055-059 DMX Fail - Emergency Light  060-064 No function  065-069 Linear dimming curve  070-074 Square dimming curve  075-079 Anti-square dimming curve  080-084 S dimming curve  085-089 No function  090-094 Dimmer Response fast  095-099 Dimmer Response medium  100-104 Dimmer Response slow (halogen)  105-109 No function  110-114 Redshift on ( affects only between 2700-3500K)  115-119 Redshift off  125-139 No function  140-144 LED Frequency 1kHz  145-149 LED Frequency 2kHz  150-154 LED Frequency 4kHz  155-159 LED Frequency 12kHz  160-164 LED Frequency 16kHz  165-169 LED Frequency 25kHz  170-174 No function</p>

		175-179 Fan Auto 180-184 Fan Silent 185-189 Fan Off 190-194 Fan High Power 195-199 No function 200-214 Invert Mapping Off 215-219 Invert Mapping On 220-224 No function 225-229 LED Mode - low-power 230-234 LED Mode - High-power 235-239 No function 240-255 The current setting is invalid
--	--	--

## 24CH EXTENDED RGB Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
3	Duration	Extend the lighting time during flicker, only applicable to the normal flicker of channel 2 (025-064)
4	Dimmer 1	
5	R1 dimmer	
6	G1 dimmer	
7	B1 dimmer	
8	CCT 1(affects RGB 1)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps

9	Tint 1 ( affects CCT and RGB 1 )	001-127 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
10	Color Macro 1 ( override RGB /CCT 1 )	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
11	Color Macro Cross Fade 1 (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
12	Dimmer 2	
13	R2 dimmer	
14	G2 dimmer	
15	B2 dimmer	
16	CCT 2(affects RGB 2)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
17	Tint 2 ( affects CCT and RGB 2 )	001-127 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
18	Color Macro 2 ( override RGB /CCT 2 )	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
19	Color Macro Cross Fade 2 (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
20	Effect ( override RGB 1+2/CCT 1+2/Color Macro 1+2 )	000-015, empty 016-039, effect 1 ( from slow to fast ) 040-063, effect 2 ( from slow to fast ) 064-087, effect 3 ( from slow to fast ) 088-111, effect 4 ( from slow to fast ) 112-135, effect 5 ( from slow to fast ) 136-159, effect 6 ( from slow to fast ) 160-183, effect 7 ( from slow to fast ) 184-207, effect 8 ( from slow to fast ) 208-231, effect 9 ( from slow to fast ) 232-255, effect 10 ( from slow to fast )
21	Dimmer Curve	0-51, Current Preset from Menu Settings 52-101, Linear dimmer curve 102-152, Square dimmer curve 153-203, Anti-square dimmer curve 204-255, S-line dimmer curve

22	Dimmer Response	0-63, Current Preset from Menu Settings 64-127, LED/fast 128-191, Medium 192-255, Halogen/slow
23	Redshift	0-84, Current Preset from Menu Settings 85-170, Off 171-255, On
24	Device Settings	<p>The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting.</p> <p><b>The following functions require a 3-second pause to take effect</b></p> <p>000-029 No function  030-034 8bit  035-039 16bit  040-044 No function  045-049 DMX Fail Blackout  050-054 DMX Fail Hold  055-059 DMX Fail - Emergency Light  060-064 No function  065-069 Linear dimming curve  070-074 Square dimming curve  075-079 Anti-square dimming curve  080-084 S dimming curve  085-089 No function  090-094 Dimmer Response fast  095-099 Dimmer Response medium  100-104 Dimmer Response slow (halogen)  105-109 No function  110-114 Redshift on (affects only between 2700-3500K)  115-119 Redshift off  125-139 No function  140-144 LED Frequency 1kHz  145-149 LED Frequency 2kHz  150-154 LED Frequency 4kHz  155-159 LED Frequency 12kHz  160-164 LED Frequency 16kHz  165-169 LED Frequency 25kHz  170-174 No function  175-179 Fan Auto  180-184 Fan Silent  185-189 Fan Off  190-194 Fan High Power</p>

		195-199 No function 200-214 Invert Mapping Off 215-219 Invert Mapping On 220-224 No function 225-229 LED Mode - low-power 230-234 LED Mode - High-power 235-239 No function 240-255 The current setting is invalid
--	--	---

### 33CH EXTENDED RGB Channel Description

CH	Function	Description
1	Dimmer	
2	Dimmer fine-tuning	
3	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
4	持续时间	延长频闪时的亮灯时间,仅作用于通道 2 的普通频闪 (025-064)
5	Dimmer 1	
6	Dimmer 1 fine-tuning	
7	R1 dimmer	
8	R1 dimmer fine-tuning	
9	G1 dimmer	
10	G1 dimmer fine-tuning	
11	B1 dimmer	

12	B1 dimmer fine-tuning	
13	CCT 1(affects RGB 1)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
14	Tint 1 ( affects CCT and RGB 1 )	001-127 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
15	Color Macro 1 ( override RGB /CCT 1 )	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
16	Color Macro Cross Fade 1 (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
17	Dimmer 2	
18	Dimmer 2 fine-tuning	
19	R1 dimmer	
20	R1 dimmer fine-tuning	
21	G2 dimmer	
22	G2 dimmer fine-tuning	
23	B2 dimmer	
24	B2 dimmer fine-tuning	
25	CCT 2(affects RGB 2)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
26	Tint 2 ( affects CCT and RGB 2 )	001-127 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
27	Color Macro 2 ( override RGB /CCT 2 )	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
28	Color Macro Cross Fade 2 (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
29	Effect ( override RGB 1+2/CCT 1+2/Color Macro 1+2 )	000-015, empty 016-039, effect 1 ( from slow to fast ) 040-063, effect 2 ( from slow to fast ) 064-087, effect 3 ( from slow to fast )

		088-111, effect 4 (from slow to fast) 112-135, effect 5 (from slow to fast) 136-159, effect 6 (from slow to fast) 160-183, effect 7 (from slow to fast) 184-207, effect 8 (from slow to fast) 208-231, effect 9 (from slow to fast) 232-255, effect 10 (from slow to fast)
30	Dimmer Curve	0-51, Current Preset from Menu Settings 52-101, Linear dimmer curve 102-152, Square dimmer curve 153-203, Anti-square dimmer curve 204-255, S-line dimmer curve
31	Dimmer Response	0-63, Current Preset from Menu Settings 64-127, LED/fast 128-191, Medium 192-255, Halogen/slow
32	Redshift	0-84, Current Preset from Menu Settings 85-170, Off 171-255, On
33	Device Settings	<p>The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting.</p> <p><b>The following functions require a 3-second pause to take effect</b></p> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX Fail Blackout 050-054 DMX Fail Hold 055-059 DMX Fail - Emergency Light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079 Anti-square dimming curve 080-084 S dimming curve 085-089 No function 090-094 Dimmer Response fast 095-099 Dimmer Response medium 100-104 Dimmer Response slow (halogen) 105-109 No function 110-114 Redshift on (affects only between 2700-3500K) 115-119 Redshift off

		125–139 No function
		140–144 LED Frequency 1kHz
		145–149 LED Frequency 2kHz
		150–154 LED Frequency 4kHz
		155–159 LED Frequency 12kHz
		160–164 LED Frequency 16kHz
		165–169 LED Frequency 25kHz
		170–174 No function
		175–179 Fan Auto
		180–184 Fan Silent
		185–189 Fan Off
		190–194 Fan High Power
		195–199 No function
		200–214 Invert Mapping Off
		215–219 Invert Mapping On
		220–224 No function
		225–229 LED Mode - low-power
		230–234 LED Mode - High-power
		235–239 No function
		240–255 The current setting is invalid

## 10CH DIRECT Channel Description

CH	Function	Description
1	R1 dimmer	
2	G1 dimmer	
3	B1 dimmer	
4	A1 dimmer	
5	W1 dimmer	
6	R2 dimmer	
7	G2 dimmer	
8	B2 dimmer	
9	A2 dimmer	
10	W2 dimmer	

## 12CH DIRECT Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least

		0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
3	R dimmer	
4	G dimmer	
5	B dimmer	
6	A dimmer	
7	W dimmer	
8	CCT(affects RGB)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
9	Tint (affects CCT and RGB)	001-127 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
10	Color Macro (override RGB/CCT)	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
11	Color Macro Cross fade (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
12	Device Settings	The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting. <b>The following functions require a 3-second pause to take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX Fail Blackout 050-054 DMX Fail Hold 055-059 DMX Fail - Emergency Light 060-064 No function

		065-069 Linear dimming curve 070-074 Square dimming curve 075-079 Anti-square dimming curve 080-084 S dimming curve 085-089 No function 090-094 Dimmer Response fast 095-099 Dimmer Response medium 100-104 Dimmer Response slow (halogen) 105-109 No function 110-114 Redshift on (affects only between 2700-3500K) 115-119 Redshift off 125-139 No function 140-144 LED Frequency 1kHz 145-149 LED Frequency 2kHz 150-154 LED Frequency 4kHz 155-159 LED Frequency 12kHz 160-164 LED Frequency 16kHz 165-169 LED Frequency 25kHz 170-174 No function 175-179 Fan Auto 180-184 Fan Silent 185-189 Fan Off 190-194 Fan High Power 195-199 No function 200-214 Invert Mapping Off 215-219 Invert Mapping On 220-224 No function 225-229 LED Mode - low-power 230-234 LED Mode - High-power 235-239 No function 240-255 The current setting is invalid
--	--	--

## 17CH DIRECT Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close

		20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
3	Dimmer 1	
4	R1 dimmer	
5	G1 dimmer	
6	B1 dimmer	
7	A1 dimmer	
8	W1 dimmer	
9	Dimmer 2	
10	R2 dimmer	
11	G2 dimmer	
12	B2 dimmer	
13	A2 dimmer	
14	W2 dimmer	
15	CCT(affects RGBAW 1+2)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
16	Tint ( affects CCT and RGBAW 1+2 )	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
17	Device Settings	The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting. <b>The following functions require a 3-second pause to take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX Fail Blackout 050-054 DMX Fail Hold 055-059 DMX Fail - Emergency Light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079 Anti-square dimming curve

		080-084 S dimming curve 085-089 No function 090-094 Dimmer Response fast 095-099 Dimmer Response medium 100-104 Dimmer Response slow (halogen) 105-109 No function 110-114 Redshift on (affects only between 2700-3500K) 115-119 Redshift off 125-139 No function 140-144 LED Frequency 1kHz 145-149 LED Frequency 2kHz 150-154 LED Frequency 4kHz 155-159 LED Frequency 12kHz 160-164 LED Frequency 16kHz 165-169 LED Frequency 25kHz 170-174 No function 175-179 Fan Auto 180-184 Fan Silent 185-189 Fan Off 190-194 Fan High Power 195-199 No function 200-214 Invert Mapping Off 215-219 Invert Mapping On 220-224 No function 225-229 LED Mode - low-power 230-234 LED Mode - High-power 235-239 No function 240-255 The current setting is invalid
--	--	---

## 28CH DIRECT Channel Description

CH	Function	Description
1	Dimmer	
2	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow) 65-69, Shutter open 70-109, Opening pulse (fast-slow)

		110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
3	Duration	Extend the lighting time during flicker, only applicable to the normal flicker of channel 2 (025-064)
4	Dimmer 1	
5	R1 dimmer	
6	G1 dimmer	
7	B1 dimmer	
8	A1 dimmer	
9	W1 dimmer	
10	CCT 1(affects RGBAW 1)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
11	Tint 1 ( affects CCT and RGBAW 1)	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
12	Color Macro 1 ( override RGBAW /CCT 1)	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
13	Color Macro Cross Fade 1 (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
14	Dimmer 2	
15	R2 dimmer	
16	G2 dimmer	
17	B2 dimmer	
18	A2 dimmer	
19	W2 dimmer	
20	CCT 2(affects RGBAW 1)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
21	Tint 2 ( affects CCT and RGBAW 2)	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
22	Color Macro 2 ( override RGBAW /CCT 2)	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details

23	Color Macro Cross Fade 2 (Transition Time between Color Macros)	000-005,empty 006-255, The transition time is getting longer and longer
24	Effect (override RGB 1+2/CCT 1+2/Color Macro 1+2)	000-015, empty 016-039, effect 1 (from slow to fast) 040-063, effect 2 (from slow to fast) 064-087, effect 3 (from slow to fast) 088-111, effect 4 (from slow to fast) 112-135, effect 5 (from slow to fast) 136-159, effect 6 (from slow to fast) 160-183, effect 7 (from slow to fast) 184-207, effect 8 (from slow to fast) 208-231, effect 9 (from slow to fast) 232-255, effect 10 (from slow to fast)
25	Dimmer Curve	0-51, Current Preset from Menu Settings 52-101, Linear dimmer curve 102-152, Square dimmer curve 153-203, Anti-square dimmer curve 204-255, S-line dimmer curve
26	Dimmer Response	0-63, Current Preset from Menu Settings 64-127, LED/fast 128-191, Medium 192-255, Halogen/slow
27	Redshift	0-84, Current Preset from Menu Settings 85-170, Off 171-255, On
28	Device Settings	The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting. <b>The following functions require a 3-second pause to take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX Fail Blackout 050-054 DMX Fail Hold 055-059 DMX Fail - Emergency Light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079 Anti-square dimming curve 080-084 S dimming curve

		085–089 No function 090–094 Dimmer Response fast 095–099 Dimmer Response medium 100–104 Dimmer Response slow (halogen) 105–109 No function 110–114 Redshift on (affects only between 2700-3500K) 115–119 Redshift off 125–139 No function 140–144 LED Frequency 1kHz 145–149 LED Frequency 2kHz 150–154 LED Frequency 4kHz 155–159 LED Frequency 12kHz 160–164 LED Frequency 16kHz 165–169 LED Frequency 25kHz 170–174 No function 175–179 Fan Auto 180–184 Fan Silent 185–189 Fan Off 190–194 Fan High Power 195–199 No function 200–214 Invert Mapping Off 215–219 Invert Mapping On 220–224 No function 225–229 LED Mode - low-power 230–234 LED Mode - High-power 235–239 No function 240–255 The current setting is invalid
--	--	--

## 41CH DIRECT Channel Description

CH	Function	Description
1	Dimmer	
2	Dimmer fine-tuning	
3	Strobe	If the relevant flashing is not executed, the value needs to be adjusted to the "Shutter open" area at least  0-19, Shutter close 20-24, Shutter open 25-64, Normal strobe (fast-slow)

		65-69, Shutter open 70-109, Opening pulse (fast-slow) 110-114, Shutter open 115-154, Closing pulse (fast-slow) 155-159, Shutter open 160-199, Random strobe (fast-slow) 200-204, Shutter open 205-244, Lightning strobe (fast-slow) 245-255, Shutter open
4	Duration	Extend the lighting time during flicker, only applicable to the normal flicker of channel 2 (025-064)
5	Dimmer 1	
6	Dimmer 1 fine-tuning	
7	R1 dimmer	
8	R1 dimmer fine-tuning	
9	G1 dimmer	
10	G1 dimmer fine-tuning	
11	B1 dimmer	
12	B1 dimmer fine-tuning	
13	A1 dimmer	
14	A1 dimmer fine-tuning	
15	W1 dimmer	
16	W1 dimmer fine-tuning	
17	CCT 1(affects RGBAW 1)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
18	Tint 1 ( affects CCT and RGBAW 1)	001-127 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
19	Color Macro 1 ( override RGBAW /CCT 1)	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
20	Color Macro Cross Fade 1 (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
21	Dimmer 2	

22	Dimmer 2 fine-tuning	
23	R2 dimmer	
24	R2 dimmer fine-tuning	
25	G2 dimmer	
26	G2 dimmer fine-tuning	
27	B2 dimmer	
28	B2 dimmer fine-tuning	
29	A2 dimmer	
30	A2 dimmer fine-tuning	
31	W2 dimmer	
32	W2 dimmer fine-tuning	
33	CCT 2(affects RGBAW 1)	000-004,5600K 005-255, 2000K-10000K linear in 31-32K steps
34	Tint 2 ( affects CCT and RGBAW 2)	001-127 ,Magenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
35	Color Macro 2 ( override RGBAW /CCT 2)	000,empty 001-255 , Uniformly distribute 60 colored papers, please refer to the color paper table below for details
36	Color Macro Cross Fade 2 (Transition Time between Color Macros)	000-005,empty 006-255 , The transition time is getting longer and longer
37	Effect (override RGB 1+2/CCT 1+2/Color Macro 1+2)	000-015, empty 016-039, effect 1 (from slow to fast) 040-063, effect 2 (from slow to fast) 064-087, effect 3 (from slow to fast) 088-111, effect 4 (from slow to fast) 112-135, effect 5 (from slow to fast) 136-159, effect 6 (from slow to fast) 160-183, effect 7 (from slow to fast) 184-207, effect 8 (from slow to fast) 208-231, effect 9 (from slow to fast) 232-255, effect 10 (from slow to fast)
38	Dimmer Curve	0-51, Current Preset from Menu Settings 52-101, Linear dimmer curve 102-152, Square dimmer curve

		153-203, Anti-square dimmer curve 204-255, S-line dimmer curve
39	Dimmer Response	0-63, Current Preset from Menu Settings 64-127, LED/fast 128-191, Medium 192-255, Halogen/slow
40	Redshift	0-84, Current Preset from Menu Settings 85-170, Off 171-255, On
41	Device Settings	<p>The push rod needs to be pushed for the first time to cause a change in the value before it can be considered as a setting.</p> <p><b>The following functions require a 3-second pause to take effect</b></p> <p>000-029 No function  030-034 8bit  035-039 16bit  040-044 No function  045-049 DMX Fail Blackout  050-054 DMX Fail Hold  055-059 DMX Fail - Emergency Light  060-064 No function  065-069 Linear dimming curve  070-074 Square dimming curve  075-079 Anti-square dimming curve  080-084 S dimming curve  085-089 No function  090-094 Dimmer Response fast  095-099 Dimmer Response medium  100-104 Dimmer Response slow (halogen)  105-109 No function  110-114 Redshift on ( 2700-3500K)  115-119 Redshift off  125-139 No function  140-144 LED Frequency 1kHz  145-149 LED Frequency 2kHz  150-154 LED Frequency 4kHz  155-159 LED Frequency 12kHz  160-164 LED Frequency 16kHz  165-169 LED Frequency 25kHz  170-174 No function  175-179 Fan Auto  180-184 Fan Silent  185-189 Fan Off</p>

		190–194 Fan High Power 195–199 No function 200–214 Invert Mapping Off 215–219 Invert Mapping On 220–224 No function 225–229 LED Mode - low-power 230–234 LED Mode - High-power 235–239 No function 240–255 The current setting is invalid
--	--	---

### COLOR CARD

VALUE	COLOR	VALUE	COLOR
1	Oyster white	31	Shi Nanzi
2	Beige	32	Dingxiang Blue
3	golden	33	Pearl Purple
4	Beige color	34	Pearl Blackberry
5	Ivory color	35	Pigeon Blue
6	Light ivory color	36	Sky blue
7	dark yellow	37	Light Blue
8	canary yellow	38	Gentian Blue
9	Light Orange Yellow	39	Bright Blue
10	Yellow Orange	40	Changing Blue
11	Light Orange	41	Water Blue
12	Pure Orange	42	Far Blue
13	Salmon Orange	43	wathet
14	Pearl Orange	44	Pearl Gentian Blue
15	Flame Red	45	Pearl Night Blue
16	Signal red	46	patina green
17	Carmine	47	Emerald Green
18	Ruby Red	48	Leaf green
19	Purple red	49	Grass green
20	Tomato red	50	Yellow green
21	Antique pink	51	Green traffic
22	rose pink	52	Fern green
23	Coral Red	53	Opal green
24	rose	54	Light green
25	Traffic Red	55	Pastel turquoise
26	Purple red	56	Silk Grey
27	Eastern Red	57	Cream color
28	Wine Red	58	Signal white
29	Oxidation Red	59	Light brown
30	Red lilac	60	Orange yellow brown

## TECHNICAL PARAMETER

- Input voltage: AC 110V-240V 50/60Hz
- Rated power: 600 W
- Light source: 2X300W LED RGBAWW (1800K-10000K)
- Beam angle: 65°
- Light spot angle: 97°
- Light source life: 20000 H
- The uniform color mixing system can adjust the effect of tungsten filament lamp.
- Color rendering index: 95
- 2CH DWE. / 4CH DWE. / 9CH DWE+ / 6CH STROBE. / 6CH RGB. / 10CH BASIC RGB.
- 14CH BASIC RGB. / 13CH STANDARD RGB. / 22CH STANDARD RGB.
- 24CH STANDARD RGB. / 33CH STANDARD RGB. / 10CH DIRECT. / 12CH DIRECT.
- 17CH DIRECT. / 28CH DIRECT. / 41CH DIRECT.
  
- Protocol: Standard DMX512 Protocol, RDM Protocol
- Data connection: waterproof three-core XLR input/output
- Display: OLED display operation panel
- 8 types of built-in processes to choose from
- Fast electronic strobe 1-20 Hz
- Dimming modes: 5 kinds
- Convenient and fast upgrade through DMX signal update software
- Silent waterproof fan, intelligent speed regulation
- Temperature intelligent protection to ensure the service life of LED
- Aluminum alloy die-casting structure
- Protection level: IP65
- Size: 502 × 288 × 195 mm - Net weight: 9 kgs