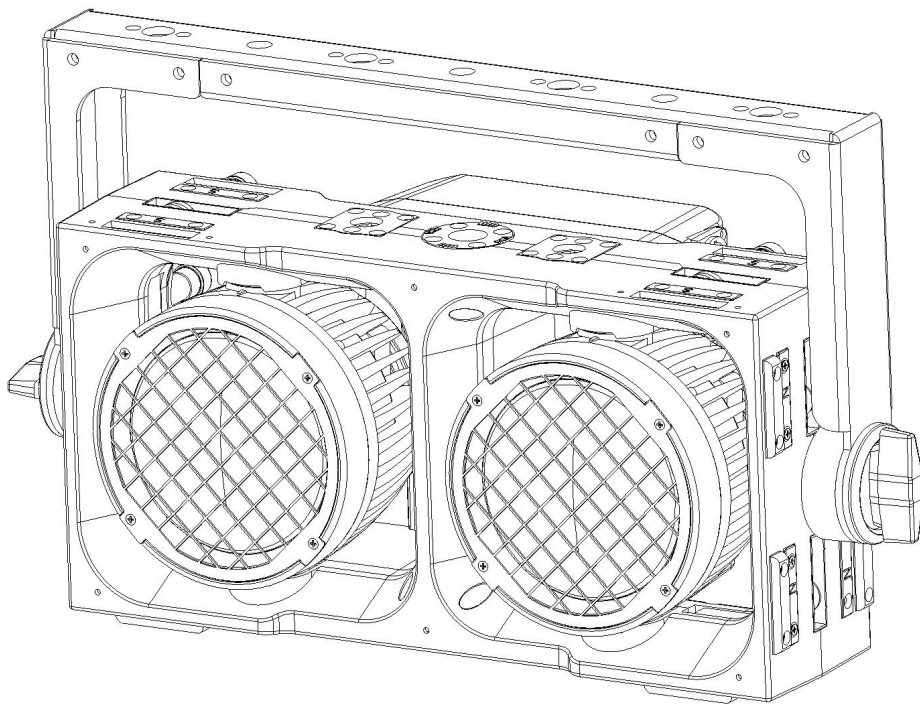


Blinder 2x300 IP

(RGBA+WW)



USER MANUAL

KEEP THIS USER MANUAL FOR FUTURE NEEDS

Thank you for your patronage!

We are confident that our excellent products and service can satisfy you.

For your own safety, please read this user manual carefully before installing the device.

In order to install, operate, and maintain the lighting safety correctly.

We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.



CAUTION!

Keep this device away from rain and moisture!



CAUTION!

Unplug mains lead before device's installation, cleaning and maintenance!

Every person involved with the installation, operation and maintenance of device has to:

-be qualified

-follow carefully the instructions of this manual

INTRODUCTION

Thank you for having chosen this professional moving head.

You will see you have acquired a powerful and versatile device.

Unpack the device. Inside the carton box you should find:

1. One power in cable
2. One 3 Pin DMX cable(5 Pin optional)
3. Folding Clamps
4. One safety rope
5. One English user manual

(Flight case is optional, please contact your dealer)

Please check carefully that there is no damage caused by transportation. Should there be any questions, please consult your dealer and don't install this device.

GENERAL GUIDELINES

This device is a lighting effect for a professional use on stages, TV, in discotheques, theaters, etc., The device was designed for indoor use only.

This fixture is only allowed to be operated with the max alternating current which stated in the technical specifications in 6th page of this manual.

Lighting effects are not designed for permanent operation. Consistent operation breaks may ensure that the device will serve you for a long time without defects.

Do not shake the device. Avoid brute force when installing or operating the device.

While choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. Please don't project the beam onto combustible substances. The minimum distance between light-output from the projector and the illuminated surface must be more than 0,5 meter.

If you use the quick lock cam in hanging up the fixture, please make sure the quick lock

fasteners turned in the quick lock holes correctly.

Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation.

Please use the original packaging if the device is to be transported.

For safety reasons, please be aware that all modifications on the device are forbidden. If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to short-circuit, burns, electric shock, crash, etc.

SAFETY INSTRUCTIONS



CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching wires!

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

1. In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
2. Always mount this unit in safe and stable matter.

The qualified professionals are allowed to carry out the lamp installation, operation and maintenance, but they must guarantee to operate in strict accordance with the instructions referred to.

▲ Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperatures.

This device falls under protection-classI. Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.

Please don't project the beam onto combustible substances.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to

avoid a hazard.



CAUTION!

Never touch the device during operation!
The housing may heat up!



CAUTION!

Never look directly into the light source,
As sensitive persons may suffer an epileptic shock.

Please be aware that damages caused by manual modifications to be the device are not subject to warranty. Keep away from children and non-professionals.

CLEANING AND MAINTENANCE

1. To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
2. Do not spill water or other liquids into or on to your unit.
3. During long periods of non-use, disconnect the unit's main power.
4. It should be installed in a well-ventilated place, at a distance of 50 centimeters or more with the walls. At the same time, please check if the fan and ventilation holes are unobstructed.

The following points have to be considered during the inspection

- 1) All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing. Fixations and installations spots(ceiling, suspension, trussing).
- 3) Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
- 4) The electric power supply cables must not show any damage, material fatigue or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.



CAUTION!

Disconnect from mains before starting maintenance operation!

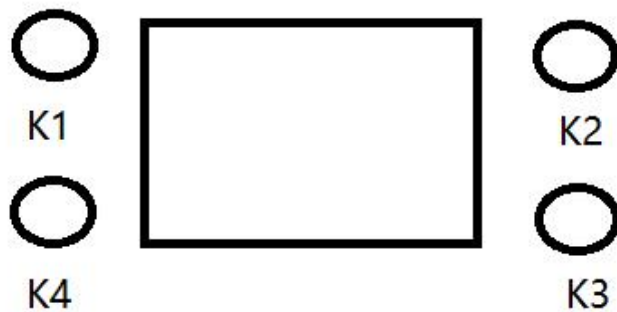
In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

- 1) Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
- 2) Clean the fan each week.
- 3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device.

Please use a moist, lint-free cloth. Never use alcohol or solvents !

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 menu ¹	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		
		13CH STANDARD RGB		
		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 100		000-100
		Effect 00		00-10 00 : Not executing the effect 01-10: Various effects
		Speed 100		000-100
On this interface, the overall dimming can be adjusted	Quick Color	Dimmer 100		000-100
		Shutter 255		000-255 (Refer to the flicker explanation of channel mode)
		Red 000		000-255
		Green 000		000-255
		Blue 000		000-255
		Amber 000		000-255
		White 000		000-255
On this interface, the color paper can	Color Macro	Dimmer 100		000-100
		Color Macro 00		00-60 (For the corresponding names of colored paper,

be adjusted				please refer to the colored paper table below)
Color temperature can be adjusted on this interface	Tunable White	Dimmer 100		000-100
		CCT 2900K		2000K-10000K
		Tint +000		-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	Color 1	Dimmer 100	There are a total of five custom colors, and the operation items are shown in color 1
			Shutter 255	
			Red 000	
			Green 000	
			Blue 000	
			Amber 000	
			White 000	
		Color 2		
		Color 3		
		Color 4		
		Color 5		
	Settings	Language	中文	The screen display language is Chinese
			English	The screen display language is English
		MOSI Switch	Off	Do not send host data to slave
			On	Send host data to slave
		Screensaver	Off	
			On	Enter screensaver after 30 seconds without button operation
		Screenflip	Off	
			On	The screen flips and the buttons also flip
		Screenlock	Off	
			On	Lock after 30 seconds without button operation
		DMX Fail	In DMX mode, the data status of the LED after signal interruption	
			Clear	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)	
			Linear	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
			16Bit	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)	
			Led	
			Medium	
			Halogen	
		LED Frequency	1kHz	
			2kHz	
			4kHz	
			12kHz	
			16kHz	
			25kHz	
		Redshift	Only applicable to color temperatures between 2700K-3500K	
			Off	
			On	
		Fan	Auto	If the temperature control resistor is not connected, the fan
			Silent	

				will rotate when the LED 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
--	--	--------	--	---

Display window when language is set to Chinese

Main interface	Level 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 模式	1CH DWE		
		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		
The effect of execution can be adjusted on this interface	自动模式	总调光 100		000-100
		效果 00		00-10 00 : Not executing the effect 01-10: Various effects
		速度 100		000-100
On this interface, the overall dimming can be adjusted	手动调光	总调光 100		000-100
		频闪 255		000-255 (Refer to the flicker explanation of channel mode)
		红色 000		000-255
		绿色 000		000-255
		蓝色 000		000-255
		琥珀 000		000-255
		暖白 000		000-255

On this interface, the color paper can be adjusted	色纸	总调光 100		000-100
		色纸 00		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	色温	总调光 100		000-100
		色温 2900K		2000K-10000K
		色调 +000		-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	自定义颜色	颜色 1	总调光 100	There are a total of five custom colors, and the operation items are shown in color 1
			频闪 255	
			红色 000	
			绿色 000	
			蓝色 000	
			琥珀 000	
			暖白 000	
		颜色 2		
		颜色 3		
		颜色 4		
		颜色 5		
	高级设置	语言	中文	The screen display language is Chinese
			English	The screen display language is English
		主从开关	关	Do not send host data to slave
			开	Send host data to slave
		屏保	关	
			开	Enter screensaver after 30 seconds without button operation
		屏幕翻转	关	
			开	The screen flips and the buttons also flip
		屏幕锁	关	
			开	Lock after 30 seconds without button operation

		DMX 丢失	In DMX mode, the data status of the LED after signal interruption	
			清除	The data will be cleared later
			保持	Data hold
			亮灯	Keep the LED on at the power limit set by the current power setting
		调光曲线	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)	
			线性	Linear power curve
			平方	Square power curve
			反平方	Inverse square power curve
			S 线	S power curve
		调光位数	The process of changes in LED bead data	
			8 位	Direct switching of LED data
			16 位	Smooth conversion of LED bead data
		调光速度	The speed of light changes (if the channel mode itself has a dimming speed, use the dimming speed channel as a guide)	
			快速	
			中速	
			慢速	
		调光频率	1kHz	
			2kHz	
			4kHz	
			12kHz	
			16kHz	
			25kHz	
		灯泡效果	Only applicable to color temperatures between 2700K-3500K	
			关	

	风机模式	开		
		自动	If the temperature control resistor is not connected, the fan will rotate when the LED 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 “自动” speed can reach the maximum speed, while the “静默” speed is lower	
		静默		
		关闭		
		最大功率		
		逆映射	The direction of running and dimming of the lamp beads	
			关	
			开	
		LED 模式	Set the power limit in the background to full power	
	半功率			
	全功率			
	恢复出厂	Factory reset, backend parameters and language settings are not restored, and the interface jumps to the main interface		
		关		
		开		
	系统信息	固件版本	250213D5V1	
RDM ID			Each device has a different ID number, consisting of 6 hexadecimal digits	
温度		LED1: xx°C/xx°F LED2: xx°C/xx°F MAX: xx°C/xx°F		
上电时间		0: 00		

		亮灯时间	LED1: 0: 00 LED2: 0: 00	
		风机状态		
		错误信息		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 207	020-255
G current 217	020-255
B current 212	020-255
A current 219	020-255
W current 222	020-255
P limit 180	050-255
T1 protect 70	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 70	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 Shut down	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 207	020-255
绿色电流 217	020-255
蓝色电流 212	020-255
琥珀色电流 219	020-255

暖白色电流 222	020-255
功率限制 180	050-255
温度 1 保护 70	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 70	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.

TECHNICAL PARAMETERS

LIGHT SOURCE & OPTIC

Light source: 2X300W LED RGBAWW (1800K-10000K)

Beam angle: 65°

Light spot angle: 97°

Light source life: 20000 H

Color rendering index: 95

EFFECTS

8 types of built-in processes to choose from

Fast electronic strobe 1-20 Hz

Dimming modes: 5 kinds

CONTROL & PROGRAM

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

DMX Channel:

2/4/9CH DWE.

6CH STROBE.

6CH RGB.

10/14CH BASIC RGB.

13/22/24/33CH STANDARD RGB.

10/12/17/28/41CH DIRECT.

POWER SUPPLY

Input voltage: AC 110V-240V 50/60Hz

Consumed Power: 600W

Power connectors: Seetronic PowerCon True1 IN/OUT

DMX connectors: Seetronic 3-Pin XLR IN/OUT Optional 5Pin

BODY

Aluminum alloy die-casting structure

Fan heat dissipation

Display: OLED display operation panel

Protection level: IP65

Working environment: -40°C ~ 45°C

Startup environment: -20°C ~ 45°C

WEIGHT & SIZE

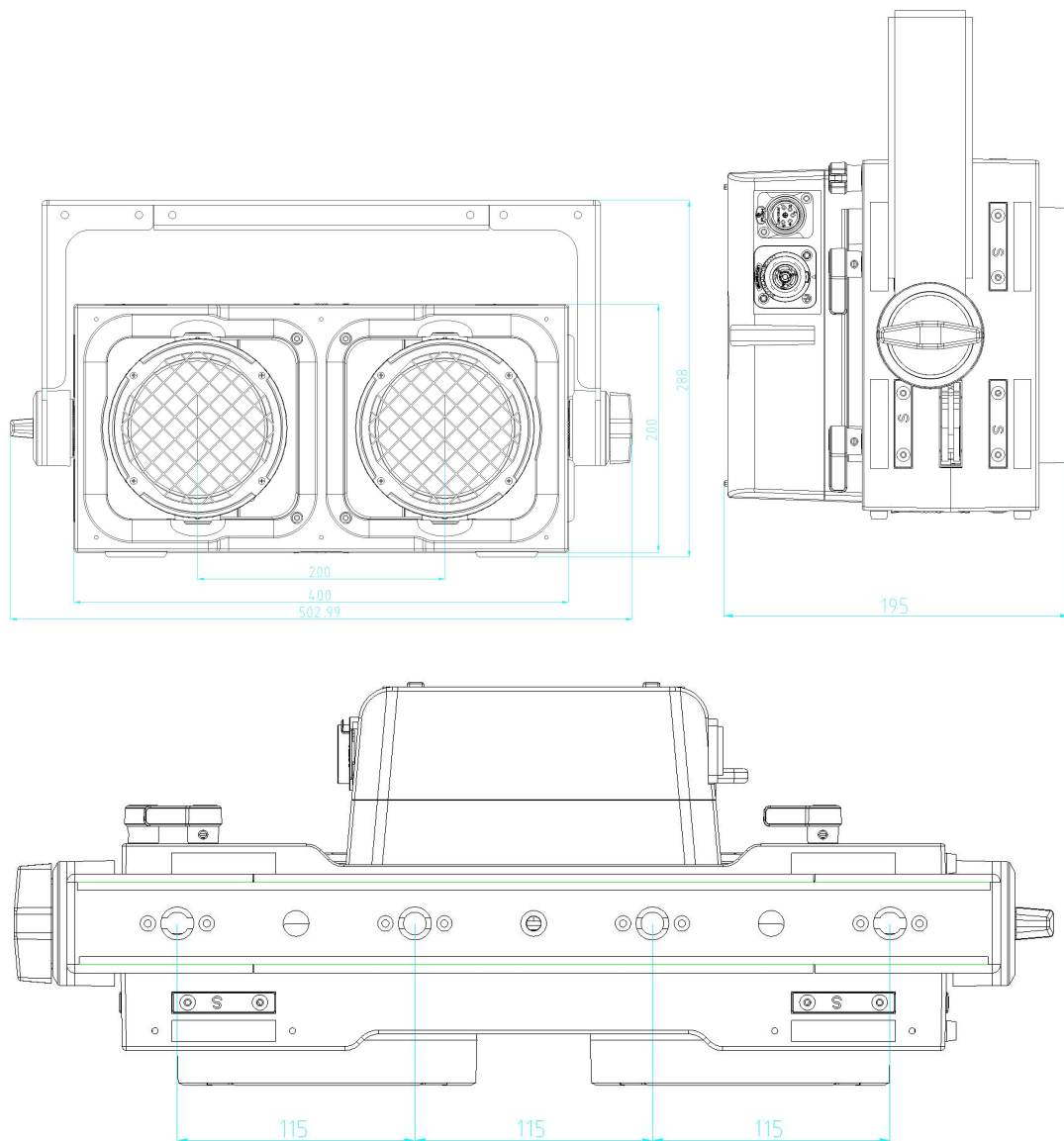
Fixture size: 502 × 288 × 195 mm

Net weight: 9 kgs

Carton box 1in1: 550*380*290mm/12KG

Flight case 2in1:580*580*560mm/42KG

Flight case 4in1:101*57*56mm/65KG



CHANNEL LIST

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				DimmerResponse	
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	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)	000-004,5600K 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	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. The following functions require a 3-second pause to take effect 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
--	--	--

14CH BASIC 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	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 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
12	Color Macro (override	000,empty

	RGB/CCT)	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	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. The following functions require a 3-second pause to take effect 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
--	--	--

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 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
13	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. The following functions require a 3-second pause to take effect 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
--	--	--

22CH STANDARD 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	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 ,Megenta->Neutral 0,128 ,Neutral 129-255, Neutral->Green
22	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. The following functions require a 3-second pause to take effect 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
--	--	---

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	000-004,5600K

	RGB 1)	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	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. The following functions require a

		3-second pause to take effect 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
--	--	--

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	000,empty

	(override RGB /CCT 2)	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	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. The following functions require a 3-second pause to take effect 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. The following functions require a

		3-second pause to take effect 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 ,Megenta->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. The following functions require a 3-second pause to take effect 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 ,Megenta->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 ,Megenta->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. The following functions require a 3-second pause to take effect 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 ,Megenta->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	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. The following functions require a 3-second pause to take effect 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
--	--	---

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	Carminc	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

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.

Thank you again for your patronage!
We will be offering sincere service as always,
Wish you have a good lighting journey!