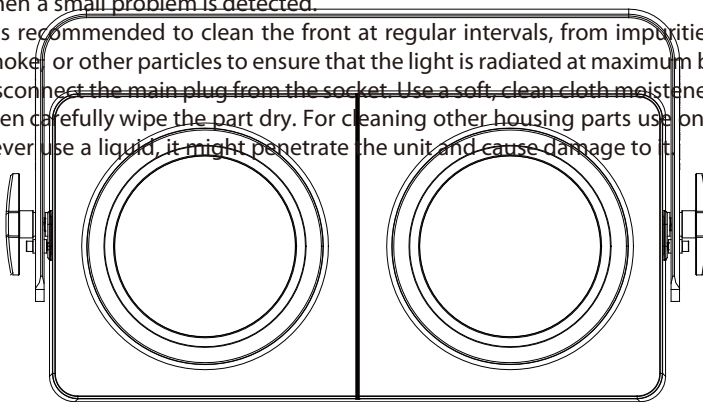


- Make sure the area below the installation place is free from unwanted persons during setup.
- All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.

deformation.

- The main cables must be in impeccable condition and should be replaced immediately even when a small problem is detected.
- It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness. For cleaning disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the part dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.



Blinder III c

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.

USER MANUAL

Table of Contents

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Read manual carefully before use



WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, usage and maintenance of the unit.



SAFETY

General instruction

- The products referred to in this manual conform to the European Community Directives and are therefore marked with CE.
- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications to the unit or its design. Obey the instructions for safe use, otherwise you will risk an electric shock.
- Connection must be made to a power supply system fitted with effective earthing (Class I appliance according to standard EN 60598-1). It is imperative that a grounded conductor in the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.

- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
 - in places subject to vibrations or bumps,
 - in places with a temperature of over 40°C.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.



Warnings and installation precautions

- If this device will be operated in a different way different to the one described in this manual, it may suffer damage and the manufacturer cannot be held responsible for any damage or injury. Improper use or operation may lead to dangers like short circuit, burn or electric shock.
- Before starting any maintenance work or cleaning, always cut off power from the main supply.
- Always additionally secure the projector with the safety rope. When carrying out any work, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture is being used.
- Install the fixture in a well ventilated place.
- Keep any inflammable material at a safe distance from the fixture.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally deformed.
- Never look directly at the light beam. Please note that fast changes in lighting, e. g. flashing light, may trigger epileptic seizures in photosensitive persons or persons with epilepsy.
- Do not touch the product's housing when operating because it may be very hot.

INTRODUCTION

FEATURES

- 380W RGB+P90W WW LED
- 2800-10000K Variable color temperature
- Ra≥90, R9≥90
- Fan-free design and quiet operation suitable for studio use
- Selectable PWM frequency for flicker-free video with any camera
- 4 dimming curves with 16-bit control for smooth dimming
- Consistent color temperature throughout the dimming curve
- Built-in macros make for easy programming of stunning effects
- Compact body and light weight

SPECIFICATIONS

Light Source: 380W RGBA, WW:90W LED

Color Temperature: variable 2800-10000K, W:3148

Luminous flux: 6020lm

CRI $\geq$ 90

Beam Angle: 59.3°

Filed Angle: 100°

Tilt: 360°

Strobe: 0-30Hz

Dimmer: 4 dimming curves

Mains: 100-240V, 50-60Hz, 122W

Protocol: DMX512, RDM

Power connection: PowerCorn in/out, linking up to 21 pcs

DMX connection: DMX in/out, linking up to 32pcs

DMX Channel: 1CH/5CH/7CH/10ch1/10ch2/12CH/13CH/15CH/28CH

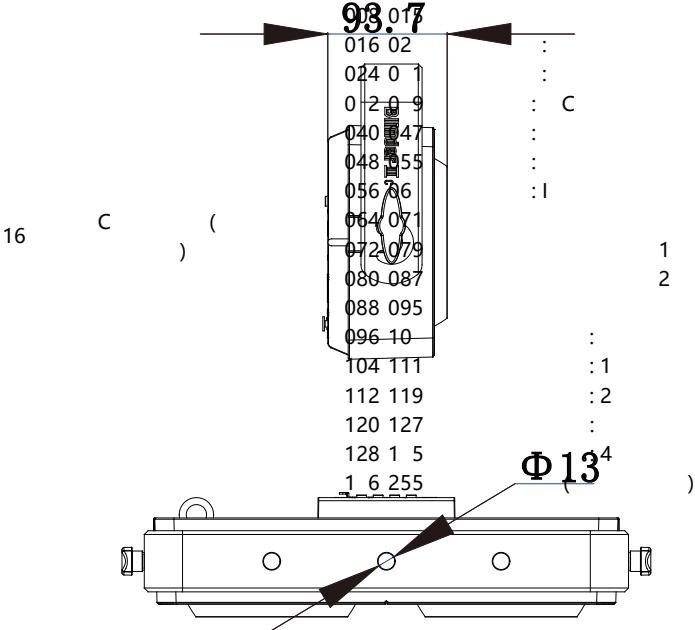
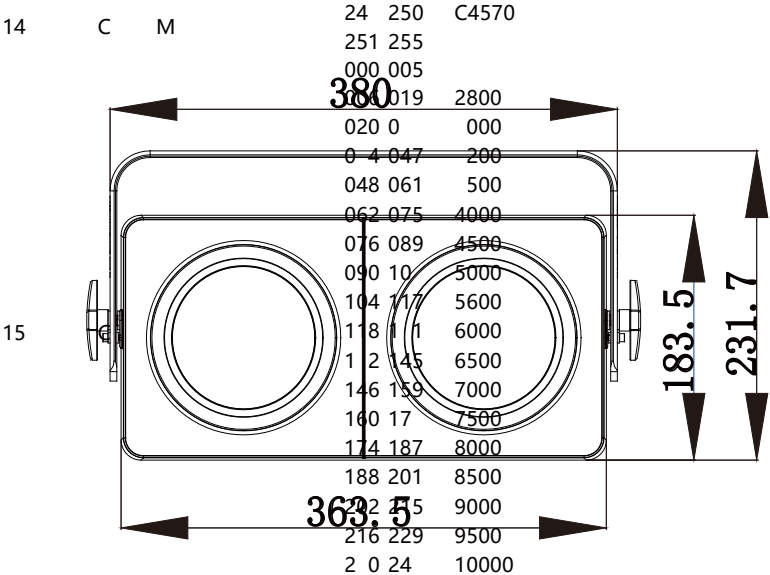
IP Grade: IP20

Ambient: 0-40°C

Physical Dimensions: 415*93.7*231.7mm

Weight: 3.7kg

DIMENSION



P



BASIC FUNCTIONS AND OPERATION

UP	0 6 04 C2040 044 051 C2050 M	MODE	ENTER
Increase the displayed value, or scroll thru previous menu items	052 059 C2060 060 067 C1050 068 075 C1080 M 076 08 C1020 C P 084 091 C16 0 M P 092 099 C16 0 P 100 107 C1250 M	Display main menu, or return to higher menu levels	Confirm displayed values, or activate displayed functions, or enter submenus, or save settings
Startup initialization: left and right keys	108 115 C1060 116 121 C1650 M		

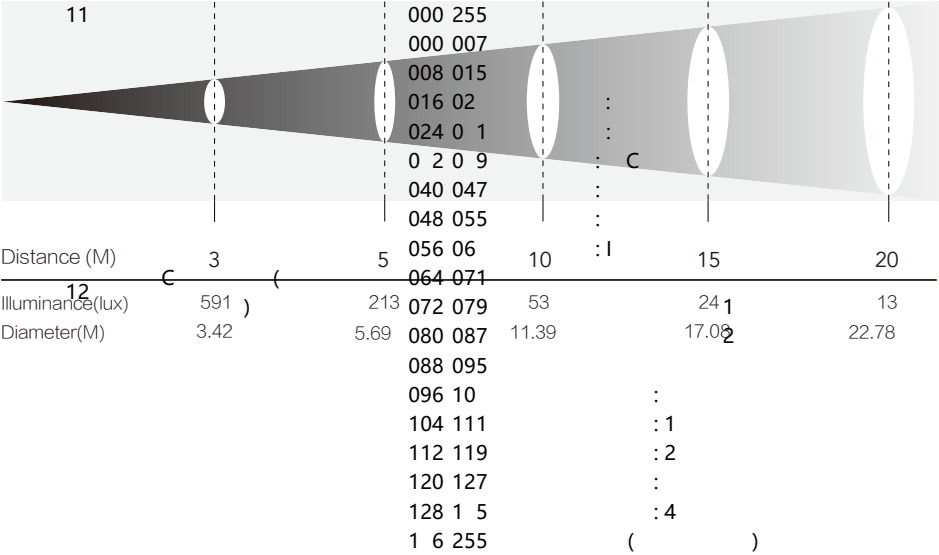
Startup initialization: left and right keys

Shortcut: When on the main interface, press and hold up and down buttons for 3S to display in reverse;

Battery display: When there is no external power supply, long press and hold the right button for 3S to enter the setting menu parameters.

PHOTOMETRICS

10
Beam Angle 59.3°



1 C	P
1	000 255 0 100
2	000 255 0 100
	000 255 0 100
4	000 255 0 100
5	000 255 0 100
6	000 255 0 100
7	000 255 0 100
8	000 255 0 100
9	000 255 0 100
10	000 255 0 100
11	000 255 0 100
12	000 255 0 100
1	000 010
	011 255

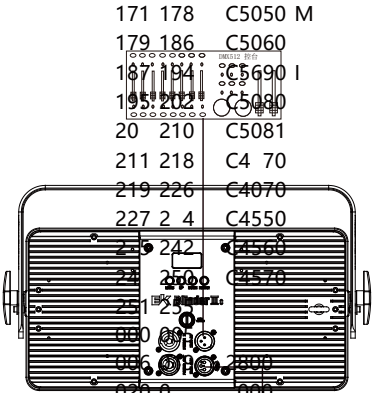
Red Fine
Green
Green Fine
Blue
Blue Fine
Amber
Amber Fine
White
Fine



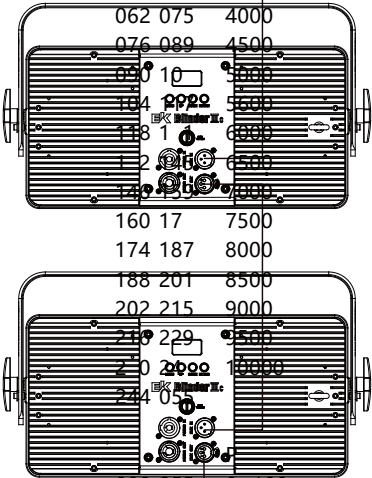
DMX CONNECTION

9 C M

2



10 C



12C

1

2

4

5

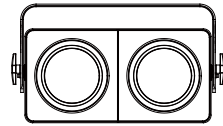
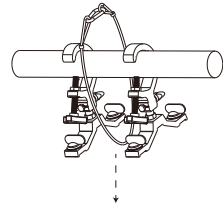
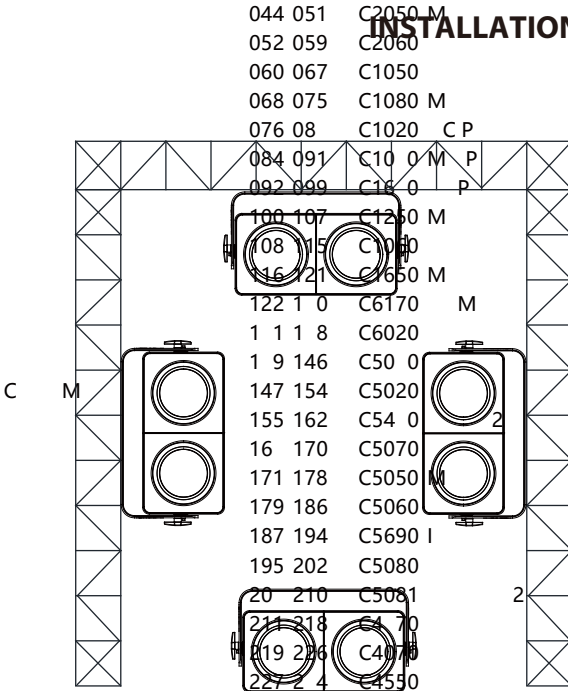
6

7

000 255 0 100
000 255 0 100
000 255 0 100
000 255 0 100
000 255 0 100
000 255 0 100
000 255 XT0 100
000 010
011 255
000 005
006 01 C 050 M
014 021 C 040
022 028 002 C 240
029 0 5 C2 40
0 6 04 004 C2040
007
010

DMX MODE	1st Fixture	2nd Fixture	3rd Fixture	4th Fixture
8 channel C M	001	001	003	004
3 channels	001	004	007	010

INSTALLATION



Notice

This product is only suitable for indoor use, with a protection level of IP20. The lighting fixtures should be kept clean and avoid use in damp or dusty environments. Maintenance should be carried out every three months.

Qualified professionals are only allowed to install, operate, and maintain lighting fixtures, and ensure strict adherence to the procedures described in this manual.

The lighting fixtures should be installed in a well ventilated area, at least 50CM away from the wall, and the ventilation holes should be checked for smoothness. Do not look directly at the light source to avoid damage to the eyes.

The electrical connections must be operated by qualified installation personnel. Each lamp should be securely grounded and electrically installed in accordance with relevant standards.

Do not use power cords with damaged insulation layer, and do not place the power cord on other wires. When the lamp is not in use or clean, please unplug the power cord and do not forcefully plug or drag the power cord directly.

If the back cover of the lamp is equipped with a safety buckle or connection hole, for safety reasons, please use a safety rope to penetrate the connection hole for auxiliary lifting.

MENU

006 019 2800

020 0 000

Blinder 2 C Menu

040 047 200

040 061 500

062 015 4000

062 016 4500

090 10 5000

104 117 5600

118 1 1 6000

1 2 145 6500

146 159 7000

160 17 7500

174 187 8000

188 201 8500

202 215 9000

C3050-Md Yellow

C3040-Lt Yellow

C3240-Az Yellow

C2340-V-Lt Amber

C2040-Lt Amber

C2050-Md Amber

C2060-Dk Amber

C1050-Lt Red

C1080-Md Red

C1020-Nk Pink

C1030-Mk Pink

C1630-Dk Pink

C1250-Md Red Amber

C1060-Dk Red Amber

C1650-Magenta

C6170-Dk Magenta

C6020-Lt Lavender

C5030-Lt Blue

C5020-Md Blue

C5430-Lt Blue

C5070-Blue

C5050-Md Blue

C5060-Dk Blue

C5690-Indigo

C5080-V-Dk Blue

C5081-V-Dk Blue

C4370-V-Lt Green

C4070-Green

C4550-Turquoise

C4560-Aqua

C4570-Blue Green

2800K

3000K

3200K

3500K

4000K

4500K

5000K

5600K

6000K

6500K

NO.	Main Menu	Menu level 2	Menu level 3	Menu level4	Dedault
1	DMX Address	<001>			Default: 001
2	DMX Channel	1Ch	Virtual Color Wheel		C3050-Md Yellow
		3Ch	Color Temperature		3200K
		5Ch	Manual Color Mixer		RGBAW=255
		7Ch			
		10Ch1			
		10Ch2			
		12Ch			
		13Ch			
		15Ch			
		28Ch			
		HSV			
3	5C 1 2 4 5 7C 1 2 4 5 6 7 Virtual Color Wheel	Virtual Color Wheel	C3050-Md Yellow	Dimmer<0-255>	Default: C3050-Md Yellow, Dimmer=255
			C3040-Lt Yellow		
			C3240-Az Yellow		
			C2340-V-Lt Amber		
			C2040-Lt Amber		
			C2050-Md Amber		
			C2060-Dk Amber		
			C1050-Lt Red		
			C1080-Md Red		
			C1020-Nk Pink		
			C1030-Mk Pink		
			C1630-Dk Pink		
			C1250-Md Red Amber		
			C1060-Dk Red Amber		
			C1650-Magenta		
			C6170-Dk Magenta		
			C6020-Lt Lavender		
			C5030-Lt Blue		
			C5020-Md Blue		
			C5430-Lt Blue		
			C5070-Blue		
			C5050-Md Blue		
			C5060-Dk Blue		
			C5690-Indigo		
			C5080-V-Dk Blue		
			C5081-V-Dk Blue		
			C4370-V-Lt Green		
			C4070-Green		
			C4550-Turquoise		
			C4560-Aqua		
			C4570-Blue Green		
		Color Temperature	2800K	Dimmer<0-255>	Default: 3200K, Dimmer=255
			3000K		
			3200K		
			3500K		
			4000K		
			4500K		
			5000K		
			5600K		
			6000K		
			6500K		

3	Virtual Color Wheel	Color Temperature	7000K		Dimmer<0-255>	Default: 3200K, Dimmer=255	
			7500K				
			8000K				
			8500K				
			9000K				
			9500K				
			10000K				
		Manual Color Mixer	Red	<0-255>			Default: RGBAW=255
			Green	<0-255>			
			Blue	<0-255>			
			Amber	<0-255>			
			White	<0-255>			
		Color X-Fade Speed	Off				Default: X-Fade Speed 1
			X-Fade Speed 1				
			X-Fade Speed 2				
			X-Fade Speed 3				
			X-Fade Speed 4				
4	Auto Show	Auto 1	<1-100>			Default: Auto 1;Speed:100	
		Auto 2	<1-100>				
		Auto 3	<1-100>				
		Auto 4	<1-100>				
		Auto 5	<1-100>				
		Auto 6	<1-100>				
5	Red Shift	On				Default: On	
		Off					
6	Master/Slave	Master				Default: Slave	
		Slave					
7	Dimmer Curve	S-Curve				Default: Linear	
		Linear					
		Square					
		Inverse Square					
8	Dimmer Mode	Off				Default: Off	
		Dimmer 1					
		Dimmer 2					
		Dimmer 3					
9	White Balance	Manual	Off				Default: RGBAW=255
			Red 1	<125-			
			Green 1	<125-			
			Blue 1	<125-			
			Amber 1	<125-			
			White 1	<125-			
			Red 2	<125-			
			Green 2	<125-			
			Blue 2	<125-			
			Amber 2	<125-			
			White 2	<125-			
10	LED Frequency	600Hz				Default: 1200Hz	
		1200 Hz					
		2000 Hz					
		4000 Hz					
		6000 Hz					
		25KHz					
11	Flip Display	No				Default: No	
		Yes					
12	Back Light	10S				Default: 2min	
		30S					
		2min					
		Always On					

13	Key Lock	On			Default: On :
		Off			
14	Information	Fixture Hours	<65000> 65000		
		LED Hours	<65000> 65000		
		Versions	<Vx.xx>		
		UID	I *****		
15	Temperature	<LED1: 40°C> 1: 40°C			
		<LED2: 40°C> 2: 40°C			
16	Factory Reset	No			
		Yes			

DMX CHANNEL CHART

Blinder2-C DMX Channel			
1-CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
3CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Color Macro	000-005	No Function
		006-013	C3050-Md Yellow
		014-021	C3040-Lt Yellow
		022-028	C3240-Amb Yellow
		029-035	C2340-VLt Amber
		036-043	C2040-Lt Amber
		044-051	C2050-Md Amber
		052-059	C2060-Dk Amber
		060-067	C1050-Lt Red
		068-075	C1080-Md Red
		076-083	C1020-NC Pink
		084-091	C1030-Md Pink
		092-099	C1630-Dk Pink
		100-107	C1250-Md Red Amber
		108-115	C1060-Dk Red Amber
		116-121	C1650-Magenta
		122-130	C6170-Dk Magenta
		131-138	C6020-Lt Lavender
		139-146	C5030-Lt Blue
		147-154	C5020-VLt Blue
		155-162	C5430-Lt Blue2
		163-170	C5070-Blue
		171-178	C5050-Md Blue
		179-186	C5060-Dk Blue
		187-194	C5690-Indigo
		195-202	C5080-VDk Blue
		203-210	C5081-VdK Blue2
		211-218	C4370-Yel Green
		219-226	C4070-Green
		227-234	C4550-Turquoise
		235-242	C4560-Aqua
		243-250	C4570-Blue Green
		251-255	No Function

3	Color Temperature	000-005	No Function
		006-019	2800K
		020-033	3000K
		034-047	3200K
		048-061	3500K
		062-075	4000K
		076-089	4500K
		090-103	5000K
		104-117	5600K
		118-131	6000K
		132-145	6500K
		146-159	7000K
		160-173	7500K
		174-187	8000K
		188-201	8500K
		202-215	9000K
		216-229	9500K
		230-243	10000K
		244-055	No Function

5CH	Function	Value	Percent/Setting
1	Red	000-255	0~100%
2	Green	000-255	0~100%
3	Blue	000-255	0~100%
4	Amber	000-255	0~100%
5	White	000-255	0~100%

7CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Red	000-255	0~100%
3	Green	000-255	0~100%
4	Blue	000-255	0~100%
5	Amber	000-255	0~100%
6	White	000-255	0~100%
7	Strobe	000-010	NO Function
		011-255	Strobe Slow to Fast

4500
C4560
C4570
2800
000
200
500
4000
4500
5000
5600
6000
6500

C

0 255

: 200 ,
255

		7000 7500	Value	Percent/Setting
10CH1	Function	8000	000-255	0~100%
1	Red1	8500	000-255	0~100%
2	Green1	9000	000-255	0~100%
3	Blue1	9500	000-255	0~100%
4	Amber1	10000	000-255	0~100%
5	White1		000-255	0~100%
6	Red2		000-255	0~100%
7	Green2		000-255	0~100%
8	Blue2		000-255	0~100%
9	Amber2		000-255	0~100%
10	White2		000-255	0~100%
			4	
	1	1 100		
10CH2	Function	1 100	Value	Percent/Setting
1	Dimmer	1 100	000-255	0~100%
2	Dimmer Fine	1 100	000-255	0~100%
3	Red	1 100	000-255	0~100%
4	Green		000-255	0~100%
5	Blue		000-255	0~100%
6	Amber		000-255	0~100%
7	White		000-255	0~100%
8	Strobe		000-010	No function
			011-255	Strobe slow to fast
			000-005	No Function
	1		006-013	C3050-Md Yellow
	2		014-021	C3040-Lt Yellow
			022-028	C3240-Amb Yellow
		1	029-035	C2340-VLt Amber
		1	036-043	C2040-Lt Amber
		1	044-051	C2050-Md Amber
		1	052-059	C2060-Dk Amber
		2	060-067	C1050-Lt Red
		2	068-075	C1080-Md Red
		2	076-083	C1020-NC Pink
		2	084-091	C1030-Md Pink
			092-099	C1630-Dk Pink
			100-107	C1250-Md Red Amber
			108-115	C1060-Dk Red Amber
			116-121	C1650-Magenta
			122-130	C6170-Dk Magenta
			131-138	C6020-Lt Lavender
			139-146	C5030-Lt Blue
			147-154	C5020-VLt Blue
			155-162	C5430-Lt Blue2
			163-170	C5070-Blue

DMX CONNECTION

9	Color Macro	171-178	C5050-Md Blue
		179-186	C5060-Dk Blue
		187-194	C5690-Indigo
		195-202	C5080-VDk Blue
		203-210	C5081-VdK Blue2
		211-218	C4370-Yel Green
		219-226	C4070-Green
		227-234	C4550-Turquoise
		235-242	C4560-Aqua
		243-250	C4570-Blue Green
		251-255	No Function
10	Color Temperature	000-005	No Function
		006-019	2800K
		020-033	3000K
		034-047	3200K
		048-061	3500K
		062-075	4000K
		076-089	4500K
		090-103	5000K
		104-117	5600K
		118-131	6000K
		132-145	6500K
		146-159	7000K
		160-173	7500K
		174-187	8000K
		188-201	8500K
		202-215	9000K
		216-229	9500K
		230-243	10000K
		244-055	No Function
12CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Red	000-255	0~100%
3	Green	000-255	0~100%
4	Blue	000-255	0~100%
5	Amber	000-255	0~100%
6	White	000-255	0~100%
7	Strobe	000-010	No function
		011-255	Strobe slow to fast
8	Color Macro	000-005	No Function
		006-013	C3050-Md Yellow
		014-021	C3040-Lt Yellow
		022-028	C3240-Amb Yellow
		029-035	C2340-VLt Amber
		036-043	C2040-Lt Amber

004

010

INSTALLATION

8	Color Macro	INSTALLATION	
		044-051	C2050-Md Amber
		052-059	C2060-Dk Amber
		060-067	C1050-Lt Red
		068-075	C1080-Md Red
		076-083	C1020-NC Pink
		084-091	C1030-Md Pink
		092-099	C1630-Dk Pink
		100-107	C1250-Md Red Amber
		108-115	C1060-Dk Red Amber
		116-121	C1650-Magenta
		122-130	C6170-Dk Magenta
		131-138	C6020-Lt Lavender
		139-146	C5030-Lt Blue
		147-154	C5020-VLt Blue
		155-162	C5430-Lt Blue2
		163-170	C5070-Blue
		171-178	C5050-Md Blue
		179-186	C5060-Dk Blue
		187-194	C5690-Indigo
		195-202	C5080-VdK Blue
		203-210	C5081-VdK Blue2
		211-218	C4370-Yel Green
		219-226	C4070-Green
		227-234	C4550-Turquoise
		235-242	C4560-Aqua
		243-250	C4570-Blue Green
		251-255	No Function
		Notice	
		The product is only suitable for indoor use, with a protection level of IP20. The lighting fixtures should be kept clean and should not be used in damp or dusty environments. Maintenance should be carried out every three months.	
Qualified professionals are only allowed to install, operate, and maintain lighting fixtures, and ensure strict adherence to the procedures described in this manual.			
The lighting fixtures should be installed in a well-ventilated area, at least 50CM away from the wall, and the ventilation holes should be checked for smoothness. Do not look directly at the light source to avoid damage to the eyes.			
The electrical connections must be operated by qualified installation personnel.			
Each lamp should be securely grounded and electrically installed in accordance with relevant standards.			
Do not use power cords with damaged insulation layer, and do not place the power cord with other wires. When the lamp is not in use or clean, please unplug the power cord and do not forcefully plug or drag the power cord directly.			
The back cover of the lamp is equipped with a safety buckle or connection hole, for safety reasons, please use a safety rope to penetrate the connection hole for auxiliary hanging.			
		160-173	7500K
		174-187	8000K
		188-201	8500K
		202-215	9000K
		216-229	9500K
		230-243	10000K
		244-055	No Function

10	Auto programs	000-010	No Function
		011-040	Auto Program 1
		041-080	Auto Program 2
		081-120	Auto Program 3
		121-160	Auto Program 4
		161-200	Auto Program 5
		201-240	Auto Program 6
		241-255	No Function
11	Auto speed	000-255	Auto speed slow to fast
12	Control (Hold Seconds)	000-007	No function
		008-015	Dimmer Reset
		016-023	Red Shift: ON
		024-031	Red Shift: OFF
		032-039	Dimmer: S-Curve
		040-047	Dimmer: Linear
		048-055	Dimmer: Square
		056-063	Dimmer: Inverse Square
		064-071	Dimmer speed mode off
		072-079	Dimmer speed mode1
		080-087	Dimmer speed mode2
		088-095	Dimmer speed mode3
		096-103	X-Fade Speed: OFF
		104-111	X-Fade Speed: 1
		112-119	X-Fade Speed: 2
		120-127	X-Fade Speed: 3
		128-135	X-Fade Speed: 4
		136-255	Future Use (No Function)

13
178

13CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Dimmer Fine	000-255	0~100%
3	Red	000-255	0~100%
4	Red Fine	000-255	0~100%
5	Green	000-255	0~100%
6	GreenFine	000-255	0~100%
7	Blue	000-255	0~100%
8	Blue Fine	000-255	0~100%
9	Amber	000-255	0~100%
10	Amber Fine	000-255	0~100%
11	White	000-255	0~100%
12	White Fine	000-255	0~100%
13	Strobe	000-010	No function
		011-255	Strobe slow to fast

POWER CONNECTION

16CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Dimmer Fine	000-255	0~100%
3	Red	000-255	0~100%
4	Red Fine	000-255	0~100%
5	Green	000-255	0~100%
6	Green Fine	000-255	0~100%
7	Blue	000-255	0~100%
8	Blue Fine	000-255	0~100%
9	Amber	000-255	0~100%
10	Amber Fine	000-255	0~100%
11	White	000-255	0~100%
12	White Fine	000-255	0~100%
13	Strobe	000-010	No function
		011-255	Strobe slow to fast
14	Color Macro	000-005	No Function
		006-013	C3050-Md Yellow
		014-021	C3040-Lt Yellow
		022-028	C3240-Amb Yellow
		029-035	C2340-VLt Amber
		036-043	C2040-Lt Amber
		044-051	C2050-Md Amber
		052-059	C2060-Dk Amber
		060-067	C1050-Lt Red
		068-075	C1080-Md Red
		076-083	C1020-NC Pink
		084-091	C1030-Md Pink
		092-099	C1630-Dk Pink
		100-107	C1250-Md Red Amber
		108-115	C1060-Dk Red Amber
		116-121	C1650-Magenta
		122-130	C6170-Dk Magenta
		131-138	C6020-Lt Lavender
		139-146	C5030-Lt Blue
		147-154	C5020-VLt Blue
		155-162	C5430-Lt Blue2
		163-170	C5070-Blue
		171-178	C5050-Md Blue
		179-186	C5060-Dk Blue
		187-194	C5690-Indigo
		195-202	C5080-VDk Blue
		203-210	C5081-VdK Blue2
		211-218	C4370-Yel Green
		219-226	C4070-Green
		227-234	C4550-Turquoise
		235-242	C4560-Aqua

DIMENSION

14	Color Macro	243-250	C4570-Blue Green
		251-255	No Function
15	Color Temperature	000-005	No Function
		006-019	2800K
		020-033	3000K
		034-047	3200K
		048-061	3500K
		062-075	4000K
		076-089	4500K
		090-103	5000K
		104-117	5600K
		118-131	6000K
		132-145	6500K
		146-159	7000K
		160-173	7500K
		174-187	8000K
		188-201	8500K
		202-215	9000K
		216-229	9500K
		230-243	10000K
16	Control (Hold 3 Seconds)	244-055	No Function
		000-007	No function
		008-015	Dimmer Reset
		016-023	Red Shift: ON
		024-031	Red Shift: OFF
		032-039	Dimmer: S-Curve
		040-047	Dimmer: Linear
		048-055	Dimmer: Square
		056-063	Dimmer: Inverse Square
		064-071	Dimmer speed mode off
		072-079	Dimmer speed mode1
		080-087	Dimmer speed mode2
		088-095	Dimmer speed mode3
		096-103	X-Fade Speed: OFF
		104-111	X-Fade Speed: 1
		112-119	X-Fade Speed: 2
		120-127	X-Fade Speed: 3
		128-135	X-Fade Speed: 4
		136-255	Future Use (No Function)

OVERVIEW

28CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Dimmer Fine	000-255	0~100%
3	Red1	000-255	0~100%
4	Red1 Fine	000-255	0~100%
5	Green1	000-255	0~100%
6	Green1 Fine	000-255	0~100%
7	Blue1	000-255	0~100%
8	Blue1 Fine	000-255	0~100%
9	Amber1	000-255	0~100%
10	Amber1 Fine	000-255	0~100%
11	White1	000-255	0~100%
12	White1 Fine	000-255	0~100%
13	Red2	000-255	0~100%
14	Red2 Fine	000-255	0~100%
15	Green2	000-255	0~100%
16	Green2 Fine	000-255	0~100%
17	Blue2	000-255	0~100%
18	Blue2 Fine	000-255	0~100%
19	Amber2	000-255	0~100%
20	1. LED Display	000-255	0~100% Power Out
21	White2	000-255	0~100%
22	White2 Fine	000-255	0~100% 5-DMX In
23	3. Power On	000-010	No function
		011-255	Strobe slow to fast
		000-005	No Function
		006-013	C3050-Md Yellow
		014-021	C3040-Lt Yellow
		022-028	C3240-Amb Yellow
		029-035	C2340-VLt Amber
		036-043	C2040-Lt Amber
		044-051	C2050-Md Amber
		052-059	C2060-Dk Amber
		060-067	C1050-Lt Red
		068-075	C1040-Md Red
		076-083	C1020-NC Pink
		084-091	C1030-Md Pink
		092-099	C1630-Dk Pink
		100-107	C1250-Md Red Amber
		108-115	C1060-Dk Red Amber
		116-121	C1650-Magenta
		122-130	C6170-Dk Magenta
		131-138	C6020-Lt Lavender
		139-146	C5020-VLt Blue
		147-154	C5020-VLt Blue

BASIC FUNCTIONS AND OPERATION

UP	DOWN	MODE	ENTER
Increase the displayed value, or scroll thru previous menu items	Decrease the displayed value, or scroll thru next menu items	Display main menu, or return to higher menu level	Confirm displayed values, or activate displayed functions, or enter submenus, or save settings
Startup initialization: left and right keys			
Shortcut: When on the main interface, press and hold the left and right buttons for 3S to display in reverse;			
Battery display: When there is no external power supply, long press and hold the right button for 3S to enter the setting menu parameters.			

24	Color Macro	155-162	C5430-Lt Blue2	
		163-170	C5070-Blue	
		171-178	C5050-Md Blue	
		179-186	C5060-Dk Blue	
		187-194	C5690-Indigo	
		195-202	C5080-VdK Blue	
		203-210	C5081-VdK Blue2	
		211-218	C4370-Yel Green	
		219-226	C4070-Green	
		227-234	C4550-Turquoise	
		235-242	C4560-Aqua	
		243-250	C4570-Blue Green	
25	Color Temperature	251-255	No Function	
		000-005	No Function	
		006-019	2800K	
		020-033	3000K	
		034-047	3200K	
		048-061	3500K	
		062-075	4000K	
		076-089	4500K	
		090-103	5000K	
		104-117	5600K	
		118-131	6000K	
		132-145	6500K	
		146-159	7000K	
		160-173	7500K	
		174-187	8000K	
		188-201	8500K	
		202-215	9000K	
		216-229	9500K	
		230-243	10000K	
26	Auto programs	244-055	No Function	
		000-010	No Function	
		011-040	Auto Program 1	
		041-080	Auto Program 2	
		081-120	Auto Program 3	
		121-160	Auto Program 4	
		161-200	Auto Program 5	
		201-240	Auto Program 6	
27	Auto speed	241-255	No Function	
		000-255	Auto speed slow to fast	
28	Control (Hold 3 Seconds)	000-007	No function	
		008-015	Dimmer Reset	
		016-023	Red Shift: ON	
		024-031	Red Shift: OFF	
		032-039	Dimmer: S-Curve	

PRODUCTION

FEATURES

28	Control (Hold 3 Seconds)	040-047	Dimmer: Linear
		048-055	Dimmer: Square
		056-063	Dimmer: Inverse Square
		064-071	Dimmer speed mode off
		072-079	Dimmer speed mode1
		080-087	Dimmer speed mode2
		088-095	Dimmer speed mode3
	380W RGBA +90W WW LED	096-103	X-Fade Speed: OFF
	2800-10000K Variable color temperature	104-111	X-Fade Speed: 1
	Ra≥90, R9≥90	112-119	X-Fade Speed: 2
	Fan-free design and quiet operation	120-127	X-Fade Speed: 3
	Selectable PWM frequency for flicker-free videos with any camera	128-135	X-Fade Speed: 4
		136-255	Future Use (No Function)

4 dimming curves with 16-bit control for smooth dimming

Consistent color temperature throughout the dimming curve

HSV	Function	Value	Percent/Setting
1	Build-in macros make for easy programming of stunning effects	000-255	0~100%
2	Compact body and light weight	000-255	0~100%
3	Value	000-255	0~100%

SPECIFICATIONS

Light Source: 380W RGBA, WW:90W LED

Color Temperature: variable 2800-10000K, W:3148

Luminous flux: 6020lm

CR: ≥90

Beam Angle: 59.3°

Cut Angle: 100°

Beam: 360°

Frequency: 0-30Hz

Dimmer: 4 dimming curves

Voltage: 100-240V, 50-60Hz, 122W

Protocol: DMX512, RDM

Power connection: PowerCorn in/out, linking up to 21pcs

DMX connection: DMX in/out, linking up to 32pcs

DMX Channel: 1CH/5CH/7CH/10ch1/10ch2/12CH/13CH/15CH/28CH

Protection Grade: IP20

Operating Temperature: 0-40°C

Physical Dimensions: 415*93.7*231.7mm

Weight: 3.7kg

MAINTENANCE

MAINTENANCE AND CLEANING THE UNIT

- Make sure the area below the installation place is free from unwanted persons during setup.
- Switch off the unit, unplug the main cable and wait until the unit has cooled down.
- All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.
- Housings, fixations and installation spots (ceiling, trusses, suspensions) should be totally free from any deformation.
- The main cables must be in impeccable condition and should be replaced immediately even when a small problem is detected.
- It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness. For cleaning, disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the part dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.

TROUBLESHOOTING

Problems	Possible causes	Checks and remedies
Fixture does not light up	• No mains supply • Dimmer fader set to 0 • All color faders set to 0 • Faulty LED • Faulty LED board	• Check the power supply voltage • Increase the value of the dimmer channels • Increase the value of the color channels • Replace the LED board • Replace the LED board
General low light intensity	• Dirty lens assembly • Misaligned lens assembly	• Clean the fixture regularly • Install lens assembly properly
Fixture does not power up	• No power • Loose or damaged power cord • Faulty internal power supply	• Check for power on power outlet • Check power cord • Replace internal power supply
Fixture does not respond to DMX	• Wrong DMX addressing • Damaged DMX cables • Bouncing signals	• Check control panel and unit addressing • Check DMX cables • Install terminator as suggested

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.



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