



OPERAZ400FCF

IP20 400W RGBALC Fresnel with motorised zoom

USER MANUAL



For safety, please read this user manual carefully before initial use.

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

Ver 3.0

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Safety Instructions

WARNING

- Do not open this device, there is no user-serviceable parts inside. Risk of electric shock.
- Do not look at the light source when the device is on.
- **CAUTION:** This unit's housing may be hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- **ONLY** connect this device to a grounded and protected circuit.
- **ONLY** use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.

Power Input & Power Linking

This device has an auto-switching power supply work with input voltage range of 100~240 VAC, 50/60 Hz.

Link up to the maximum 8A. DO NOT exceed this number.

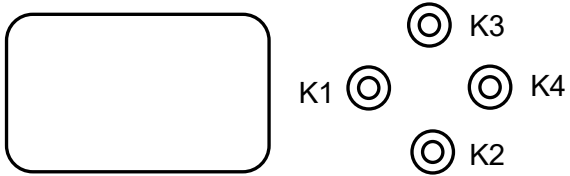
Product Installation

This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Use a safety chain when mounting this device overhead.

Control Board Operation

Menu Diagram



K1: Menu key K2: Down key K3: Up key K4: Confirm

Screen saver unlock: K3 - K4 - K2- K1

Main Menu	Secondary Menu	Third Level Menu		Default Value
DMX Setting	DMX Address	Address 001		001
	Channel Mode	CH1/CH2/CH6/Ch7/CH11/CH17/CH8H		CH7
	Set 1CH	CH1 CCT	2000K—8500K	2000K
		CH1 Manual	Red 000-255	000
			Green 000-255	000
			Blue 000-255	000
			Amber 000-255	000
			Cyan 000-255	000
			Lime 000-255	000
			Zoom 000-255	000
CCT	CCT		2000K—8500K	
	Dimmer	000-255		255
	Zoom	000-255		000
Static	Red	000-255		255
	Green	000-255		255
	Blue	000-255		255
	Amber	000-255		255
	Cyan	000-255		255
	Lime	000-255		255
	Dimmer	000-255		255
	Zoom	000-255		000
Macro	Effect	Jump/Fade/Pulse		Jump
	Speed	000-255		255
	Dimmer	000-255		255
Setting	DMX State	Black		Black
		Hold		
	Dim Curve	line		line
		square		
		I-squ		
		S line		
	Dim Speed	000-255		0
	Dim Freq	5-25K		14K

	Dim Mode	8bit	16bit
		16bit	
	Fan Mode	Fu1l	Fu1l
		Low	
		Auto fan	
	M/S Mode	Slave	Slave
		Master	
	Display Invert	Yes/No	No
	Back Light	Alway/10s/20s/60s	60s
	Lock	ON/OFF	OFF
	Language	中文	English
		English	
	Factory reset	Yes/No	No
Information	Ver: xxxxxxxxxxxx DIS: xxxxxxxxxxxx LEDTemp:		

DMX Chart

1 CH Mode

Channel	Value	Function
1	000-255	Master Dimmer 0% ~ 100% (dim the preset color selected in Menu, Zoom also fixed in Menu)

3 CH Mode

Channel	Value	Function
1	000-255	Master Dimmer 0% ~ 100%
2	000-255	CCT 2000K-8500K
3	000-255	Zoom 0% ~ 100%

6 CH Mode

Channel	Value	Function
1	000-255	Red 0% ~ 100%
2	000-255	Green 0% ~ 100%
3	000-255	Blue 0% ~ 100%
4	000-255	Amber 0% ~ 100%
5	000-255	Cyan 0% ~ 100%
6	000-255	Lime 0% ~ 100%

8 CH Mode

Channel	Value	Function
1	000-255	Master Dimmer 0% ~ 100%
2	000-255	Red 0% ~ 100%
3	000-255	Green 0% ~ 100%
4	000-255	Blue 0% ~ 100%
5	000-255	Amber 0% ~ 100%
6	000-255	Cyan 0% ~ 100%
7	000-255	Lime 0% ~ 100%
8	000-255	Zoom 0% ~ 100%

9 CH Mode

Channel	Value	Function
1	000-255	Master Dimmer 0% ~ 100%
2	000-255	Red 0% ~ 100%
3	000-255	Green 0% ~ 100%
4	000-255	Blue 0% ~ 100%
5	000-255	Amber 0% ~ 100%
6	000-255	Cyan 0% ~ 100%
7	000-255	Lime 0% ~ 100%
8	000-255	CCT 2000K-8500K
9	000-255	Zoom 0% ~ 100%

9H CH Mode

Channel	Value	Function
1	000-255	Master Dimmer 0% ~ 100% (dim the preset color selected in Menu)
2	000-255	Dimmer Fine 0% ~ 100%
3	000-255	Hue Colour Ring
4	000-255	Hue Colour Ring Fine
5	000-255	Colour Saturation
6	000-255	CCT 2000K-8500K
7	000-255	Zoom 0% ~ 100%
8	000-255	Strobe
9	000-000	No Function
	001-050	Screen
	051-100	Linear
	101-150	Square
	151-200	Inverse Square
	201-255	S-Line

12 CH Mode

Channel	Value	Function
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1	000-255	Master Dimmer 0% ~ 100% (dim the preset color selected in Menu)	
2	000-255	Dimmer Fine 0% ~ 100%	
3	000-255	Red 0% ~ 100%	
4	000-255	Green 0% ~ 100%	
5	000-255	Blue 0% ~ 100%	
6	000-255	Amber 0% ~ 100%	
7	000-255	Cyan 0% ~ 100%	
8	000-255	Lime 0% ~ 100%	
9	000-255	CCT 2000K-8500K	
10	000-255	Zoom 0% ~ 100%	
11	000-255	Strobe	
12	000-000	Dimmer Curve	No Function
	001-050		Screen
	051-100		Linear
	101-150		Square
	151-200		Inverse Square
	201-255		S-Line

18 CH Mode

Channel	Value	Function
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1	000-255	Master Dimmer 0% ~ 100% (dim the preset color selected in Menu)	
2	000-255	Dimmer Fine 0% ~ 100%	
3	000-255	Red 0% ~ 100%	
4	000-255	Red Fine 0% ~ 100%	
5	000-255	Green 0% ~ 100%	
6	000-255	Green Fine 0% ~ 100%	
7	000-255	Blue 0% ~ 100%	
8	000-255	Blue Fine 0% ~ 100%	
9	000-255	Amber 0% ~ 100%	
10	000-255	Amber Fine 0% ~ 100%	
11	000-255	Cyan 0% ~ 100%	
12	000-255	Cyan Fine 0% ~ 100%	
13	000-255	Lime 0% ~ 100%	
14	000-255	Lime Fine 0% ~ 100%	
15	000-255	CCT 2000K-8500K	
16	000-255	Zoom 0% ~ 100%	
17	000-255	Strobe	
18	000-000	Dimmer Curve	No Function
	001-050		Screen
	051-100		Linear
	101-150		Square
	151-200		Inverse Square
	201-255		S-Line

Technical Specifications

Photometrics

- Light Source: 400W RGBALC LED
- Zoom: Motorised from 15° - 45° (Via DMX or Manually Controlled)
- LED Lifespan: 50,000 Hours
- CRI: ≥90
- Beam Angle: 15° - 45°

Effects

- Dimming: 16-bit Smooth Linear Dimming
- Strobe effect: Yes

Control

- Operational Modes: DMX, master/slave, manual dimming
- Display: LCD control panel
- DMX Protocol: DMX512
- DMX Channel Modes: 1 / 3 / 6 / 8 / 9 / 9H / 12 / 18
- DMX Connections: 5-Pin XLR Input/Output

Power

- Input Voltage: 100~240V AC, 50/60 Hz
- Power Consumption: 450W
- Power Connections: TrueOne Input/Output

Housing

- Housing Materials: Die-cast aluminium, matte black finish
- IP Rating: IP20
- Cooling: Quiet Fan (under 25dB @1m) + Copper Tube
- Dimensions: 450 x 240 x 225mm / 17.7" x 9.4" x 8.9"
- Weight: 9.3 kg / 20.5 lbs

Warranty

Please refer to your local dealer or please contact Event Lighting

www.eventlighting.com.au