

EVENT LIGHTING

CYCLOPS

300W Warm White + 16x 3W RGBA Wash

USER MANUAL



FOR SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE INITIAL USE.

Event Lighting reserves the right to revise this 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.

Version: 1 (28 June 2022)

Safety Instructions

Warning

- Do not open this device, there are no user serviceable parts inside. **Risk of electric shock.**
- Do not look directly 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 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 protected circuit.
- ONLY use the hanging bracket to carry this device.
- In case of a serious operating problem, stop operating immediately.
- The maximum ambient temperature is 40°C. Do not operate this device at higher temperatures.

Power Input and Power Linking

This device has an auto switching power supply that works with input voltage range of 100~240 V AC, 50/60 Hz.

Link up to a maximum of 15A. Do NOT exceed this.

Product Installation

- This device can be mounted in many orientations provided each individual device is secured by the use of a correct mounting bracket.
- Use a safety chain when mounting this device overhead.

Menu Operation



Mode - Move up a level.

Esc - Move down a level.

Up - Move selection up one item.

Down - Move selection down one item.

Menu

Level 1	Level 2	Values	Description
DMX Address		001-503	Set the DMX address.
Show Mode	Show 0	000-100	Show 0 Speed, slow to fast.
	Show 1	000-100	Show 1 Speed, slow to fast.
	Show 2	000-100	Show 2 Speed, slow to fast.
Static Mode	Red	0-255	Red intensity.
	Green	0-255	Green intensity.
	Blue	0-255	Blue intensity.
	White	0-255	White intensity.
	Strobe	0-255	Strobe, slow to fast.
	Amber	0-255	Amber intensity.
Lock Display	Confirm		Lock menu controls.
Fixture Information	Fixture Version		Display current software version.
	Used time		Display total fixture uptime.
Specification Setup	DMX Channel	6/7/9/10	Set DMX channel mode.
	Dimming Curve	1/2/3/4	Set dimming curve.
	Rate	600 / 2000 / 4000 / 12000 / 25000 Hz	Set refresh rate.
	Dimmer Speed	1/2/3/4	Set dimming speed.
	Backlight	On/10s/20s/30s	Display backlight always on/ timeout in seconds.
	Master/Slave	Master/Slave	Set master or slave mode.
	Language	English/Chinese	Set display language.
	Mode Run	DMX/Static/Show mode	Set running mode.
	Display Brightness	0-31	Set display brightness.
	Factory Reset	Yes/No	Reset to factory settings.

DMX Chart

This fixture is controlled by the universal DMX512 protocol. The DMX address is the first channel used to receive instruction from the external controller. For independent control, each fixture must be assigned a unique address for each of its control channels. For example, this fixture has four channel modes: 6/7/9/10, if it's set to 6 channel mode, and there are several fixtures that need to be addressed, we would address the first fixture at 1, second fixture at 7, third fixture at 13, etc.

- If multiple fixtures have the same DMX address, they will behave synchronically.
- The display will flash when no DMX signal is being received.

6 CH	7 CH	9 CH	10 CH	Min DMX	Max DMX	Description
1	1	1	1	0	255	Master dimmer, 0-100%.
	2		2	0	255	Fine master dimmer, 0-100%.
2	3	2	3	0	255	White dimmer, 0-100%.
3	4	3	4	0	0	Amber, on.
				1	255	Amber, off.
4	5	4	5	0	255	Red dimmer, 0-100%.
5	6	5	6	0	255	Green dimmer, 0-100%.
6	7	6	7	0	255	Blue dimmer, 0-100%.
		7	8	0	10	Strobe off.
				11	207	Strobe, slow to fast.
				208	223	Random strobe 1.
				224	239	Random strobe 2.
				240	255	Random strobe 3.
		8	9	0	10	No function.
				11	80	Auto run 1, slow to fast.
				81	160	Auto run 2, slow to fast.
				161	240	Auto run 3, slow to fast.
				241	255	No function.
		9	10	0	10	
				11	80	
				81	160	
				161	240	
				240	255	

Technical Specifications

Photometrics

- Light Source: 300W Warm White COB LED and 16x 3W RGBA LEDs
- Beam Angle: 60°
- Output:
- PWM: 600/1,200/2,000/4,000/25,000 Hz
- LED Lifespan: 50,000 hours

Effects

- Dimming: 0-100%, 16-bit
- Strobe: 0.3-25 Hz

Power

- Input Voltage: 100-240V AC, 50/60 Hz
- Power Consumption: 400W
- Connection: Powercon in/out

Control

- Protocol: DMX512
- Operation Modes: DMX, auto, manual, master/slave
- DMX Channels: 6/7/9/10
- Interface: 3-pin DMX in/out
- Display: 4-button LCD control panel

Housing

- Materials: Aluminium, matte black finish.
- IP Rating: IP20
- Dimensions: 430x420x330 mm
- Net Weight: 10.7 kg

Warranty

Please refer to your local dealer or contact Event Lighting Pty Ltd.