EVENT LIGHTING

PS200LEFC

200W RGBL Profile Spot

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.

Version: 1.0.1 (25 Aug 2022)

Safety Instructions

Warning

- Do not open this device, there are no user-serviceable parts inside.
- Do not look at the light source when the device is on.
- 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.
- 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 40° C. Do not operate this device at higher temperatures.

Power Input and Power Linking

This device has an auto-switching power supply which works with an input voltage range of 100-240V 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 using the correct mounting bracket.
- Use a safety chain when mounting this device overhead.
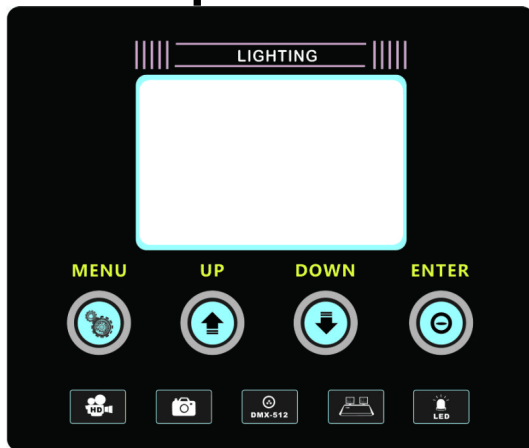
Fuse Replacement

If the fine-wire fuse of the device fuses, only replace it with one of the same type and rating. Before replacing the fuse, unplug mains lead.

Procedure:
1. Unscrew the fuse holder on the rear panel with a fitting screwdriver (anticlockwise)
2. Remove the old fuse from the holder.
3. Install the new fuse in the holder.
4. Replace the fuse holder in the housing and secure it.

Menu Operation

1. Menu – Move up a level.
2. Up – Move selection up one item.
3. Down – Move selection down one item
4. Enter – Select / Move down a level.

Menu

Level 1	Level 2	Value	Description
DMX	addr:	1-512	Set DMX address.
STAT	R.	0 - 255	Red dimmer.
	G.	0 - 255	Green dimmer.
	B.	0 - 255	Blue dimmer.
	L.	0 - 255	Lime dimmer.
	STO.	0 - 255	Strobe.
CHAN	07-CH		7 channel mode.
	08-CH		8 channel mode.
	8H-CH		8 channel HSIC mode.
	9H-CH		9 channel HSIC mode.
	13-CH		13 channel mode.
CURVE	Linear		Linear dimming curve.
	Log		Logarithmic dimming curve.
	S		S dimming curve.
FRE.	1.0KHz		1.0KHz PWM.
	1.1KHz		1.1KHz PWM.
	1.2KHz		1.2KHz PWM.
	1.3KHz		1.3KHz PWM.
	1.4KHz		1.4KHz PWM.
	1.5KHz		1.5KHz PWM.
	2.0KHz		2.0KHz PWM.
	8.0KHz		8.0KHz PWM.
	16.0KHz		16.0KHz PWM.
FAN	Max		Fan at full speed constantly.
	Auto		Fan controlled by temperature.
	Silence		
FADE	Off		Fade off.
	Fade1		Fade mode 1.
	Fade2		Fade mode 2.

	Fade3		Fade mode 3.
	Fade4		Fade mode 4.
TEMP	Cur		Display current temperature.
RESET	Yes/No		Reset to factory defaults.
VERSION	VERSION	F109.4	Display current software version.

DMX Chart

- This fixture is controlled by the universal DMX 512 protocol. The DMX address is the first channel used to receive instructions from the external controller. For independent control, each fixture must be assigned a unique address for each of its control channels. For example, this device has five channel modes: 7/8/8H/9H/13, if it's set to 7 channel mode, and there are several fixtures need to be independently controlled, we just simply address first fixture at 1, and second fixture at 8, third one at 15, etc.
- If multiple fixtures have the same DMX address, they will behave synchronically.
- Display will flash a "!" when no DMX signal is received.

Mode/Channel					Min. DMX	Max. DMX	Function
07-CH	08-CH	8H-CH	9H-CH	13-CH			
1	1	1	1	1		255	Master Dimmer
			2	2	0	255	Master Dimmer fine
2	2			3	0	255	Red
				4	0	255	Red fine
3	3			5	0	255	Green
				6	0	255	Green fine
4	4			7	0	255	Blue
				8	0	255	Blue fine
5	5			9	0	255	Lime
				10	0	255	Lime fine
		2	3		0	255	Hue
		3	4		0	255	Hue fine
		4	5		0	255	Saturation
		5	6		0	255	CCT 2700K - 10000K
6	6	6	7	11			Colour temperature pre-sets
					0	31	No function
					31	60	2700K
					61	90	3200K
					91	120	4000K
					121	150	5600K
					151	255	6000K
7	7	7	8	12			Strobe
					0	5	No function
					6	255	Strobe slow to fast
	8	8	9	13	0	30	Fade off
					31	60	Fade mode 1
					61	90	Fade mode 2
					91	120	Fade mode 3
					121	255	Fade mode 4

Technical Specifications

Photometrics
- Light Source: 200W RGBL (RGB, Lime) LED Module
- CRI: 85
- Beam Angle: 19°, 26° or 36°
- PWM: 1,000-16,000 Hz
- LED Lifespan: 50,000 hours

Effects
- Dimming: 0~100%, 8-bit / 16-bit
- Strobe: 1~25 Hz
- Gobo Holder Size: 'B' 87.5 mm overall size, 35 mm image size
- Iris: PSIRIS (Optional)

Power
- Power Consumption: 200 W
- Input Voltage: 100~240V AC, 50/60 Hz
- Power Connection: Neutrik PowerCON in / out

Control
- Operation: DMX, manual
- Display: 4-Button LCD control panel
- DMX Protocol: DMX512
- DMX Channels: 7/8/8H/9H/13
- DMX Interface: 3-pin XLR

Housing
- Housing Materials: Aluminium, matte black finish
- Cooling: Sensor Thermostat Controlled Variable Speed Fan
- IP Rating: IP20
- Net Weight: 8.6 kg
- Dimensions: 538 x 270 x 395 mm

Included Accessories
- Barn Door
- Gobo Holder

Warranty

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