BLINDER

Model No. BLINDERRGBW, BLINDERWW

USER MANUAL

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

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Ver 1.1

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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 15A. DO NOT exceed this number.

The maximum number of units that can be power linked is 4 units at 110V and 8 units at 240V.

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.

Fuse Replacement

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

Before replacing the fuse, unplug mains lead.

Procedure:

Step 1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).

Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing and fix it.

CONTROL BOARD OPERATION

BLINDERWW

Display	Options / Values		Function
A001	<001> - <512>		Set DMX address for 8 channel mode
d001	<001> - <512>		Set DMX address for 4 channel mode
CC50	<01> - <99>		Select auto colour switch mode at different speed
DE50	<01> - <99>		Select auto colour pulse mode at different speed
CP50	<01> - <99>		Select auto colour fade mode at different speed
SU01	<01> - <99>		Set sound active mode at different sensitivity
U255	<000> - <255>		Select intensity of cool white
Y255	<000> - <255>		Select intensity of warm white
St00	<01> - <99>		Select strobe from slow to fast
C000	<***>		Display current temperature
	te00	<01> - <85>	Select temperature. Default setting is 75 degree. When fixture reaches 75 degree, fixture will run into protection mode and reduce 10-30% brightness.
	FA00	<01> - <85>	TBD

BLINDERRGBW

Display	Options / Values		Function
A001	<001> - <512>		Set DMX address for 12 channel mode
d001	<001> - <512>		Set DMX address for 8 channel mode
CC50	<01> - <99>		Select auto colour switch mode at different speed
DE50	<01> - <99>		Select auto colour pulse mode at different speed
CP50	<01> - <99>		Select auto colour fade mode at different speed
SU01	<01> - <99>		Set sound active mode at different sensitivity
r255	<000> - <255>		Select intensity of red
G255	<000> - <255>		Select intensity of green
b255	<000> - <255>		Select intensity of blue
U255	<000> - <255>		Select intensity of white
St00	<01> - <99>		Select strobe from slow to fast
C000	<***>		Display current temperature
	te00	<01> - <85>	Select temperature. Default setting is 75 degree. When fixture reaches 75 degree, fixture will run into protection mode and reduce 10-30% brightness.
	FA00	<01> - <85>	TBD

DMX Chart

BLINDERWW 4 channels Mode

Channel	Value	Function
1	000-255	Cool white 1: 0% ~ 100%
2	000-255	Warm white 1: 0% ~ 100%
3	000-255	Cool white 2: 0% ~ 100%
4	000-255	Warm white 2: 0% ~ 100%

BLINDERWW 8 channels Mode

Channel	Value	Function
1	000-255	Master dimmer: 0% ~ 100%
2	000-255	Strobe: 0% ~ 100%
3	000-005	No function
	006-080	Auto colour switch mode
	081-160	Auto colour pulse mode
	161-240	Auto colour fade mode
	241-255	Sound Active mode
4	000-255	Speed of auto programs (slow to fast)
5	000-255	Cool white 1: 0% ~ 100%
6	000-255	Warm white 1: 0% ~ 100%
7	000-255	Cool white 2: 0% ~ 100%
8	000-255	Warm white 2: 0% ~ 100%

BLINDERRGBW 8 channels Mode

Channel	Value	Function
1	000-255	Red 1: 0% ~ 100%
2	000-255	Green 1: 0% ~ 100%
3	000-255	Blue 1: 0% ~ 100%
4	000-255	White 1: 0% ~ 100%
5	000-255	Red 2: 0% ~ 100%
6	000-255	Green 2: 0% ~ 100%
7	000-255	Blue 2: 0% ~ 100%
8	000-255	White 2: 0% ~ 100%

BLINDERRGBW 12 channels Mode

Channel	Value	Function
1	000-255	Master dimmer: 0% ~ 100%
2	000-255	Strobe: 0% ~ 100%
3	000-005	No function
	006-080	Auto colour switch mode
	081-160	Auto colour pulse mode
	161-240	Auto colour fade mode
	241-255	Sound Active mode
4	000-255	Speed of auto programs (slow to fast)
5	000-255	Red 1: 0% ~ 100%
6	000-255	Green 1: 0% ~ 100%
7	000-255	Blue 1: 0% ~ 100%
8	000-255	White 1: 0% ~ 100%
9	000-255	Red 2: 0% ~ 100%
10	000-255	Green 2: 0% ~ 100%
11	000-255	Blue 2: 0% ~ 100%
12	000-255	White 2: 0% ~ 100%

TECHNICAL SPECIFICATIONS

	BLINDERWW	BLINDERRGBW
Input Voltages	100V~240V AC,50/60Hz	
Power Consumption	235W	
Power Connection	Power Con Input / Output Connection	
Light Source	2 pcs 100W Warm & Cool White 2-in-1 COB LEDs	2 pcs 100W RGBW 4-in-1 COB LEDs
Beam Angle	60°	
PWM	3,000 Hz	
Dimming	8-bit Linear Dimming Control	
Strobe	0 - 25 Hz	
Operational Modes	Static, Auto Run Program, Sound Active, Master / Slave & DMX Modes	
Display	4-button LED Display Control Panel	
DMX Protocol	DMX512	
DMX Channel Mode	4 / 8	8 / 12
DMX Interface	3-Pin XLR Input / Output	

WARRANTY

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

Website: www.event-lighting.com.au.