



BLINDER

Model No. BLINDER2100, BLINDER2100W

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.

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CONTENTS

Safety Instructions

- Power input & power Linking

Product Installation

- Fuse replacement

Diagrams

- Lux chart
- Dimensions
- Fade Mode Chart

Control Board Operation

- DMX address setting
- DMX modes setting
- Dimmer Speed Setting
- Static colour setting
- Manual colour setting
- Auto run and sound active setting
- Master/slave setting

DMX chart

Technical specifications

Warranty

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.

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

Blinder2100W

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
SU09	<01> - <09>	Set sound active mode at different sensitivity
C255	<001> - <255>	Select intensity of cool white
Y255	<001> - <255>	Select intensity of warm white
S000	<001> - <020>	Select strobe from slow to fast

Blinder2100

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
SU09	<01> - <09>	Set sound active mode at different sensitivity
R255	<001> - <255>	Select intensity of red
G255	<001> - <255>	Select intensity of green
B255	<001> - <255>	Select intensity of blue
W255	<001> - <255>	Select intensity of white
S000	<001> - <020>	Select strobe from slow to fast

DMX Chart

Blinder2100W 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%

Blinder2100W 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%

Blinder2100 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%

Blinder2100 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

	Blinder2100W	Blinder2100
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.