



BLITZBARFX

Indoor LED FX Bar

USER MANUAL



For your safety, please read this user manual carefully before 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 information.....	3
Installation Guidelines.....	4
Technical Specification	4
Control Panel Operation	5
Main Functions	6
DMX Protocols.....	7-11
Troubleshooting Guide	12
Warranty	12

1. Safety information



Please read the instruction carefully which includes important information about the installation, usage and maintenance.

WARNING

Please keep this user manual for future reference. If you sell or transfer the unit to another user, ensure they receive the manual and understand the instructions.

Important:

Damage resulting from failure to follow this manual is not covered under warranty. The dealer is not liable for any defects or malfunctions caused by improper use.

Safety Precautions:

1. Unpack and Inspect

Carefully unpack the unit and check for any signs of damage that may have occurred during transport before using it.

2. Power Requirements

Ensure the power supply voltage and frequency match the unit's specifications before operation.

3. Indoor Use Only

This unit is intended for indoor use only. Operate only in dry locations.

4. Ventilation

Install the unit in a well-ventilated area, maintaining at least 50 cm clearance from surrounding surfaces. Ensure ventilation slots are not obstructed.

5. Fire Hazard

Keep flammable materials away from the unit during operation, as it poses a fire risk.

6. Handling and Installation

Use safety cables when mounting the unit. DO NOT carry the unit by the head; always handle it by the base.

7. Ambient Temperature Limit

Do not operate the unit in environments where the ambient temperature exceeds 40°C

8. Surface Temperature Warning

During operation, the unit's surface can reach temperatures up to 75°C. Avoid touching the housing with bare hands. After powering off, allow at least 15 minutes for cooling before handling or servicing.

9. Malfunction

If the unit malfunctions or behaves abnormally, discontinue use immediately. Do not attempt repairs yourself, as improper handling may cause further damage or pose a safety risk. Always refer servicing to qualified technicians.

Operational Safety:

1. To reduce the risk of electric shock or fire, do **not** expose this unit to rain or moisture.
2. The housing and lenses **must be replaced** if they show any visible signs of damage.

Installation Guidelines:

- Ensure the unit is securely fixed to prevent vibration or slippage during operation.
- The mounting structure must be **stable and capable of supporting at least 10 times the weight of the fixture**.
- Always use a **safety cable rated to support at least 12 times the fixture's weight**.
- Installation must be carried out **by qualified professionals only**.
- The unit must be installed in a location that is:
 - **Inaccessible to unauthorized persons**, and
 - **Clear of pedestrian paths**, ensuring no one can walk directly beneath it.

2. Technical Specification

- Control mode: DMX 512 / Master&Slave / Auto Run / Manual DMX
- Channel: 7 / 18 / 21 / 22 / 256 / 269CH
- Lighting source: 384pcs White LEDs, 384pcs RGB LEDs
- Beam angle: 80°
- Color system: RGB + White Mixing Color
- PWM: 10KHz
- Dimming: 0 - 100% smooth linear dimming
- Power: 450W
- Power Interface: True1 in / out
- DMX Interface: 5-pin XLR in / out
- Display: 4-button LCD Control Panel
- IP Rate: IP20
- Dimension: 1000 x 135 x 145 mm
- Weight: 6.8Kg

3. Control panel

1 Display: Shows the various menus and selected functions

2 Buttons:

MODE	To select the programming of functions
Enter	To go forward the selected functions
UP	To the previous functions
DOWN	To the next functions

DMX Addressing

To set the DMX address:

1. Press the **MODE** button until **DMX ADDRESS** appears on the display.
2. Use the **UP/DOWN** buttons to select an address from **001 to 512**.
3. Press the **ENTER** button to confirm.
4. To exit, press the **MODE** button to return to the previous menu, or allow the unit to remain idle for one minute to automatically exit menu mode.

DMX Channel Mode

To set the DMX channel mode:

1. Press the **ENTER** button until **DMX CHANNEL MODE** appears on the display.
2. Use the **UP/DOWN** buttons to scroll through available channel modes.
3. Press the **ENTER** button to confirm your selection.
4. Press the **MODE** button to return, or wait one minute to exit the menu automatically.

DMX Functions

To access DMX functions:

1. Press the **MODE** button to enter menu mode.
2. Navigate to **DMX FUNCTIONS** and press the **ENTER** button to confirm.
3. Use the **UP/DOWN** buttons to select from:
 - **DMX Address**
 - **DMX Channel Mode**
 - **View DMX Value**
4. Press **ENTER** to confirm your choice.

Main Functions			
Mode	Programming	Menu item	Description
1	Address	A001-A512	
2	Channel	7CH/18CH/21CH/22CH/256CH/269CH	
3	DMX Monitor	CH001-006/CH001-017/ CH001-020/ CH001-021/CH001-256/CH001-268	
4	Auto	Auto00	Speed (000-255)
	
		Auto36	Speed (000-255)
5	Effect on Auto	Dimmer	Value (000-255)
		Strobe	Speed (000-255)
6	Mas mode	YES/NO	
7	Manual	Dimmer	000-255
		White	000-255
7	Manual	Blue	000-255
		Green	000-255
		Red	000-255
		Strobe	000-255
8	Back L	60s	
		On	
		300s	
		120s	
9	Temp	Temp	XXX °C
		Temp2	XXX °C
10	Info	Test1	
		Version	2021 06 23
		Reset	YES/NO
		Test2	
11	Dimmer Curve	Mode Curve(0-3)	
12	Fade Time	Speed	000-007

4. DMX Protocol

7 Channel Mode

7CH	Function	Value	Description
1	Strobe	000- 255 0%~ 100%	From slow to fast
2	Master dimmer	000- 255 0%~ 100%	From dark to bright
3	Red	000- 255 0%~ 100%	From dark to bright
4	Green	000- 255 0%~ 100%	From dark to bright
5	Blue	000- 255 0%~ 100%	From dark to bright
6	White	000- 255 0%~ 100%	From dark to bright
7	Frost	000-255	Frost On/Off

18 Channel Mode

18CH	Function	Value	Description
1	Master dimmer	000- 255 0%~ 100%	From dark to bright
2	Yellow	000- 255 0%~ 100%	From dark to bright
3	Red	000- 255 0%~ 100%	From dark to bright
4	Green	000- 255 0%~ 100%	From dark to bright
5	Blue	000- 255 0%~ 100%	From dark to bright
6	White	000- 255 0%~ 100%	From dark to bright
7	Flashing duration(W)	000- 255 0%~ 100%	From dark to bright
8	Frequency	000- 255 0%~ 100%	From slow to fast
9	Flashing effect(W)	000- 255 0%~ 100%	Effect changing
10	Flashing(RGB)	000- 255 0%~ 100%	From slow to fast
11	Running effect(W)	000- 255 0%~ 100%	Effect changing
12	Speed(W)	000- 255 0%~ 100%	From slow to fast
13	Running effect(RGB)	000- 255 0%~ 100%	Effect changing
14	Speed(RGB)	000- 255 0%~ 100%	From slow to fast
15	RGB macro	000- 255 0%~ 100%	Color changing
16	Backlight(RBG)	000- 255 0%~ 100%	backlight
17	Direction	000- 255 0%~ 100%	From R to L→From L to R
18	Frost	000-255	Frost On/Off

21 Channel Mode

21CH	Function	Value	Description
1	Master dimmer	000- 255 0%~ 100%	Dimmer,0-100%
2	Color fine	000- 255 0%~ 100%	Color dimming fine
3	Yellow	000- 255 0%~ 100%	Yellow,0-100%
4	Red	000- 255 0%~ 100%	Red,0-100%
5	Green	000- 255 0%~ 100%	Green,0-100%
6	Blue	000- 255 0%~ 100%	Blue,0-100%
7	Flash(RGB)	000- 255 0%~ 100%	Flash(RGB)
8	Special effect RGB	000- 255 0%~ 100%	Special effect
9	Speed of effect	000- 255 0%~ 100%	Speed
10	Color change	000- 255 0%~ 100%	Color change
11	Background color	000- 255 0%~ 100%	RGB background color
12	Dimmer for back color	000- 255 0%~ 100%	Dimming
13	Direction of RGB	000- 255 0%~ 100%	Direction
14	White	000- 255 0%~ 100%	White
15	White strobe duration	000- 255 0%~ 100%	Strobe duration
16	Strobe	000- 255 0%~ 100%	Strobe
17	Strobe effect	000- 255 0%~ 100%	Strobe effect
18	Effect of white	000- 255 0%~ 100%	Effect
19	Speed of white effect	000- 255 0%~ 100%	Speed
20	Direction of white effect	000- 255 0%~ 100%	Direction
21	Frost	000-255	Frost On/Off

22 Channel Mode

22CH	Function	Value	Description
1	Master dimmer	000- 255 0%~ 100%	Dimmer,0-100%
2	Dimmer RGB	000- 255 0%~ 100%	Dimmer for RGB
3	16 bit dimmer	000- 255 0%~ 100%	Fine dimmer
4	Yellow	000- 255 0%~ 100%	Yellow,0-100%
5	Red	000- 255 0%~ 100%	Red,0-100%
6	Green	000- 255 0%~ 100%	Green,0-100%
7	Blue	000- 255 0%~ 100%	Blue,0-100%
8	Flash(RGB)	000- 255 0%~ 100%	Flash(RGB)
9	Special effect(RGB)	000- 255 0%~ 100%	Special effect(RGB)
10	Speed of special effect	000- 255 0%~ 100%	Speed of special effect
11	Color change	000- 255 0%~ 100%	Color change
12	Background(RGB)	000- 255 0%~ 100%	Background(RGB)
13	Dimmer for CH12	000- 255 0%~ 100%	Dimmer for CH12
14	Direction	000- 255 0%~ 100%	Direction
15	Dimmer(White)	000- 255 0%~ 100%	Dimmer(White)
16	Flash intensity(White)	000- 255 0%~ 100%	Flash intensity(White)
17	Flash(White)	000- 255 0%~ 100%	Flash(White)
18	Flash effect	000- 255 0%~ 100%	Flash effect
19	Special effect(White)	000- 255 0%~ 100%	Special effect(White)
20	Speed of special effect(White)	000- 255 0%~ 100%	Speed of special effect(White)
21	Direction	000- 255 0%~ 100%	From L to R/R to L
22	Frost	000-255	Frost On/Off

256 Channel Mode

256CH	Function	Value	Description
1	Red 1	000- 255 0%~ 100%	From dark to bright
2	Green 1	000- 255 0%~ 100%	From dark to bright
3	Blue 1	000- 255 0%~ 100%	From dark to bright
4	Red 2	000- 255 0%~ 100%	From dark to bright
5	Green 2	000- 255 0%~ 100%	From dark to bright
6	Blue 2	000- 255 0%~ 100%	From dark to bright
7	Red 3	000- 255 0%~ 100%	From dark to bright
8	Green 3	000- 255 0%~ 100%	From dark to bright
9	Blue 3	000- 255 0%~ 100%	From dark to bright
10	Red 4	000- 255 0%~ 100%	From dark to bright
11	Green 4	000- 255 0%~ 100%	From dark to bright
12	Blue 4	000- 255 0%~ 100%	From dark to bright
13	Red 5	000- 255 0%~ 100%	From dark to bright
14	Green 5	000- 255 0%~ 100%	From dark to bright
15	Blue 5	000- 255 0%~ 100%	From dark to bright
.....	From dark to bright
190	Red 64	000- 255 0%~ 100%	From dark to bright
191	Green 64	000- 255 0%~ 100%	From dark to bright
192	Blue 64	000- 255 0%~ 100%	From dark to bright
193	White 1	000- 255 0%~ 100%	From dark to bright
194	White 2	000- 255 0%~ 100%	From dark to bright
195	White 3	000- 255 0%~ 100%	From dark to bright
196	White 4	000- 255 0%~ 100%	From dark to bright
197	White 5	000- 255 0%~ 100%	From dark to bright
198	White 6	000- 255 0%~ 100%	From dark to bright
.....	From dark to bright
255	White 63	000- 255 0%~ 100%	From dark to bright
256	White 64	000- 255 0%~ 100%	From dark to bright

269 Channel Mode

269CH	Function	Value	Description
1	Dimmer	000- 255 0%~ 100%	From dark to bright
2	Duration(White)	000- 255 0%~ 100%	From dark to bright
3	Frequency(white)	000- 255 0%~ 100%	From slow to fast
4	Flashing effect(W)	000- 255 0%~ 100%	Effect changing
5	Flashing(RGB)	000- 255 0%~ 100%	From slow to fast
6	Running effect(W)	000- 255 0%~ 100%	Effect changing
7	Speed(W)	000- 255 0%~ 100%	From slow to fast
8	Running effect(RGB)	000- 255 0%~ 100%	Effect changing
9	Speed(RGB)	000- 255 0%~ 100%	From slow to fast
10	RGB macro	000- 255 0%~ 100%	Color changing
11	Backlight(RGB fade)	000- 255 0%~ 100%	RGB auto run back light
12	Direction	000- 255 0%~ 100%	From R to L→From L to R
13	Red 1	000- 255 0%~ 100%	From dark to bright
14	Green 1	000- 255 0%~ 100%	From dark to bright
15	Blue 1	000- 255 0%~ 100%	From dark to bright
16	Red 2	000- 255 0%~ 100%	From dark to bright
17	Green 2	000- 255 0%~ 100%	From dark to bright
18	Blue 2	000- 255 0%~ 100%	From dark to bright
19	Red 3	000- 255 0%~ 100%	From dark to bright
20	Green 3	000- 255 0%~ 100%	From dark to bright
21	Blue 3	000- 255 0%~ 100%	From dark to bright
.....
202	Red 64	000- 255 0%~ 100%	From dark to bright
203	Green 64	000- 255 0%~ 100%	From dark to bright
204	Blue 64	000- 255 0%~ 100%	From dark to bright
205	White 1	000- 255 0%~ 100%	From dark to bright
.....
268	White 64	000- 255 0%~ 100%	From dark to bright
269	Frost	000-255	Frost On/Off

5. Troubleshooting Guide

Below are some common issues that may occur during operation, along with suggested solutions:

A. The unit does not power on (no light, no fan):

1. Verify the **power connection** and check the **main fuse**.
2. Measure the **mains voltage** at the power input connector.
3. Check if the **Power LED** is illuminated.

B. The unit is not responding to the DMX controller:

1. Ensure the **DMX signal LED** is lit. If not, check DMX **connectors** and **cables** to ensure proper connection.
2. If the DMX LED is on but the unit is unresponsive, check the **DMX address settings** and **polarity**.
3. For intermittent DMX signal issues, inspect the **DMX pins** on the connectors and the **PCB** of this or the previous unit in the chain.
4. Try using a **different DMX controller** to rule out controller malfunction.
5. Ensure DMX cables are **not routed near high-voltage power cables**, which can cause interference or damage to the DMX circuit.

C. One DMX channel is not functioning properly:

1. The issue may be due to a **faulty stepper motor** or a **damaged/broken cable** connected to the PCB.

Warranty

Please refer to your local dealer or contact Event Lighting.

www.event-lighting.com.au