PULSEQ

Strobe with 960 pcs of 0.3W RGBW LEDs

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.

Version 1.0 (December 2023)

INTRODUCTION

Thank you for purchasing this product. Equipped with 960pcs SMD5050 RGBW 4-in-1 LEDs, the LED fixture can be used as color wash or strobe light. It offers DMX, Auto, Sound, Manual and Master/Slave. Ideal for small clubs, bars, parties, etc. To optimize the performance of this product, please read the user manual carefully before use.

1.1 Unpacking

The following items are included in the box:

- 1 x PULSEQ
- 1 x Power cord
- 1 x Mounting bracket
- 1 x User manual

Carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Contact your supplier immediately and retain packing material for inspection if any part is missing or damaged.

1.2 Safety Instructions

> ⚠ Warning!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- The product is for indoor use only.
- Always turn off, unplug power and allow fixture to cool before servicing.
- Ensure that fixture is properly grounded.
- Please keep this User Guide for future consultation.

- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on decal or rear panel of the fixture.
- Always disconnect from power before servicing or replacing fuse.

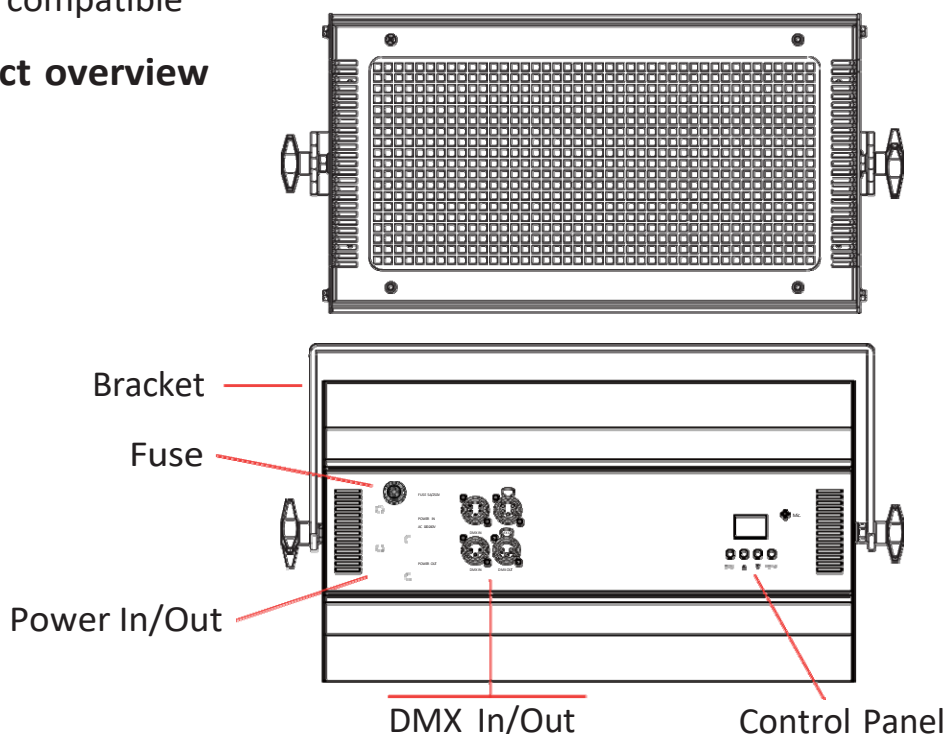- Make sure power cord is never crimped or damaged.

> Caution!
> Avoid looking directly into the LED light beam at a close distance!

1.3 Features

▪ RGBW color mixing
▪ 8 control zones for pixel mapping
▪ 0-100% linear dimmer
▪ 1-25 fps strobe
▪ Working modes: DMX, Auto, Sound, Manual, Master/Slave
▪ DMX modes: 3/4/7/32/34 channels
▪ LCD display with 4-button

▪ RDM compatible

1.4 Product overview

Bracket

Fuse

Power In/Out

DMX In/Out   Control Panel

SETUP

1.5 Mounting

The LED Strobe is fully operational in any mounting position, hanging upside-down, side mounted, or set on a flat level surface, etc.

IMPORTANT!!! Safety cables must always be used when unit is ceiling or truss mounted. The safety cable must be capable of holding 10 times the weight of the fixture.

2.3 AC Power

The fixture is designed to work on AC 90-240V 50-60Hz. All units must be powered directly from a switched circuit. This unit cannot be run on a rheostat or dimmer circuit even if used solely for a 0% to 100% switching.

WARNING!!! All fixtures must be connected to circuits with a suitable Earth Ground.

OPERATION INSTRUCTIONS

1.6 Menu Map

DMX Address	001 - 512	Set DMX address
Channel Mode	3CH	Select channel Mode
	4CH	
	7CH	
	18CH	
	34CH	
Sound Mode	Sound 01- 16	Select sound program
	Sensor 01 - 99	Set sound sensitivity level
Auto Mode	Auto 01 - 16	Select Auto program
	Speed 01-99	Auto speed slow to fast
Color Mode	01 - 15	Select built-in colors
Manual	Red　　000-255	Manual control of Red
	Green　　000-255	Manual control of Green
	Blue　　000-255	Manual control of Blue
	White　　000-255	Manual control of White
	Strobe　　000-255	Manual control of strobe
Display	Inv.　　off/on	Set display inverse
	Bklite　　off/on	Set display backlight
Temperature	xx °C	Show fixture temperature
Version	V 1.0	Show version number

1.7 DMX channel

3Ch

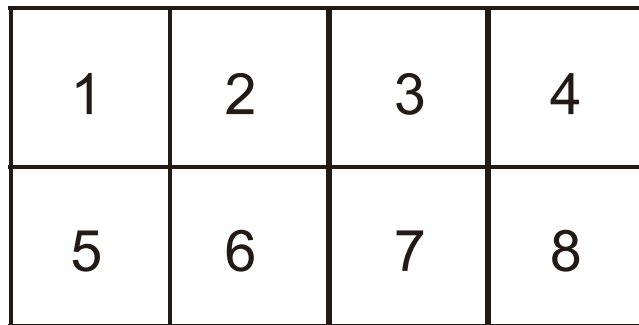| CHANNEL	DMX VALUE	FUNCTION
CH1 Dimmer	000-255	Master Dimmer 0-100%
CH2 Macro	000-127	Static colors
	128-250	Chasing effects
	251-255	Sound activation
CH3 Srobe/Speed	000-255	Strobe (CH2 0-127) from slow to fast Chasing speed (CH2 128-255) from slow to fast

4Ch

CHANNEL	DMX VALUE	FUNCTION
CH1 RED	000-255	Red 0-100%
CH2 GREEN	000-255	Green 0-100%
CH3 BLUE	000-255	Blue 0-100%
CH4 WHITE	000-255	White 0-100%

7Ch

CHANNEL	DMX VALUE	FUNCTION
CH1 DIMMER	000-255	Master Dimmer 0-100%
CH2 RED	000-255	Red 0-100%
CH3 GREEN	000-255	Green 0-100%
CH4 BLUE	000-255	Blue 0-100%
CH5 WHITE	000-255	White 0-100%
CH6 Macro	000-127	Static colors
	128-250	Chasing effects
	251-255	Sound activation
CH7 Srobe/Speed	000-255	Strobe (CH2 0-127) from slow to fast Chasing speed (CH2 128-255) from slow to fast

32/34Ch

1	2	3	4
5	6	7	8

8 control zones

32CH	34CH	DMX VALUE	FUNCTION
	CH1	000-255	Master Dimmer 0-100%
	CH2	000-255	Strobe 0-30Hz
CH1	CH3	000-255	Pixel 1_Red 0-100%
CH2	CH4	000-255	Pixel 1_Green 0-100%
CH3	CH5	000-255	Pixel 1_Blue 0-100%
CH4	CH5	000-255	Pixel 1_White 0-100%
⋮	⋮	⋮	⋮
CH29	CH31	000-255	Pixel 4_Red 0-100%
CH30	CH32	000-255	Pixel 4_Green 0-100%
CH31	CH33	000-255	Pixel 4_Blue 0-100%
CH32	CH34	000-255	Pixel 4_White 0-100%

General Maintenance

1.8 Fuse Replacement

a. Unscrew the fuse holder and remove the damaged fuse.
b. Replace with the exact same type fuse and screw the fuse holder back in its place.

5. Specifications

Source: 960pcs 0.3W SMD5050 RGBW 4-in-1 LEDs
Beam angle: 120°
Power consumption: 250W
Power supply: 100~240V, 50-60Hz
Fuse: F5A/250V
Dimensions: 455 x 145 x 290 mm
Weight: 8.5 kg

IMPORTANT INFORMATION!

In order to optimize the recovery and recycling of the materials that old appliances contain and reduce the impact on human health and the environment, ensure that this product is recycled at the end of its life.

Warranty
Please refer to your local dealer or contact Event Lighting.
www.event-lighting.com.au