LED 980 RGBW
Strobe/Wash Panel 48x8

Item Number: LL980S

USER MANUAL

This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safety and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacture or dealer will not be held responsible.

Installation:

Ensure the fixture is powered off before installation or maintenance. Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces.

The applicable temperature for this fixture is between -13°F to 113°F. Do not use the fixture under or above this temperature range.

The truss used for hanging this fixture must be able to hold 10 times the weight of this fixture without deformation one hour after installation. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

Rigging:

Fix the clamp on truss.

Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point.

Product Specifications:

Voltage: 100-240V, 50/60HZ

Power Socket: PowerCon in/out

Power Consumption: 270W

Average lifespan: 50,000 hours

DMX Channel: 4/15/152 CH

LED: 768pcs SMD5050 RGB LED + 112pcs White SMD5050 LED

Features: 48+8-Segment + Wash + Flashing

Control Mode: DMX512/Master-slave/Auto/Sound/Music/RDM

Strobe: 1-25Hz or random strobe

Dimming: 0% - 100%

DMX Connector: 3-pin XLR input/output

IP Rating: IP20

Working temperature: 14º - 113ºF

Net Weight: 8.38 lbs.

Dimensions: 18 x 3.5 x 10 in. (Width x Depth x Height)

Display Menu:

MENU Key: Press to confirm selected functions.

UP Key: Press to increase parameters.

DOWN Key: Press to decrease parameters.

ENTER Key: Press to confirm the selected functions.

After powering on, press the *menu* button and the menu function table will appear in sequence. The *up* or *down* button will modify the function parameters, and the *enter* button will save the current functions and parameters. Includes power-off memory after saving.

Menu Function Table:

A001	A512	Modify the address code (A001 - A512) up or down, and save with the enter key. The default is A001.
CH03	CH39	Switch between CH04, CH11, CH32 and CH39 channels up or down, and enter key to save, default CH11.
M000	M083	Modify the 84 kinds of built-in RGB LED effects (M000 - M083), and enter to save.
S000	S255	Modify the operating speed of built-in RGB LED effects (S000 - S255), and enter to save.
M000	M040	Modify the 41 kinds of built-in White LED effects (M000~M040), and enter to save.
S000	S255	Modify the operating speed of built-in White LED effects (S000~S255), and enter to save.
Sound	Sound	Sound control mode
R255	R000	Modify the brightness of RED up or down (R000 - R255), and save with the enter key. The default is R255.
G255	G000	Modify the brightness of GREEN up or down (R000 - R255), and save with the enter key. The default is G255.
B255	B000	Modify the brightness of BLUE up or down (R000 - R255), and save with the enter key. The default is B255.
W255	W000	Modify the brightness of White up or down (W000 - W255), and save with the enter key. The default is W255.
T000		Display temperature. For example, T045 means that the current fixture temperature is 45℃. If 10K thermistor is not installed, T000 is displayed.

Primary / Secondary Control:

Two or more of the same lights are connected with DMX three-core signal line. The light is set to any address code A001 - A512. Any one of these codes can be set as the primary, and the other lamps are secondary. All secondaries will synchronize gradually, pulse change, jump, sound control, and auto effects.

Only one host can be set for a group of lights. If there are more than one host, all lamps will flash randomly and out of sync.

All lights can be the primary/secondary mode when the DMX512 console is turned off.

Factory setting:

When any address code is A001 - A512, press the menu button for 3 seconds to enter the factory setting. Factory settings are mainly the functions of each output power of the lamp, fan setting mode, setting temperature protection point and sending parameters. Any mode in the factory setting can be exited by pressing the menu button for 3 seconds.

(NOTE ---- THIS WAS SECTION WAS ONLY IN THE 8X8 MANUAL???)

DMX512 Channel

4 Channel Mode

Channel	Value	Function
1	000-255	Red linear dimming
2	000-255	Green linear dimming
3	000-255	Blue linear dimming
4	000-255	White linear dimming

15 Channel Mode

Channel	Value	Function

1	000-255	General Dimming
2	000-255	Red linear dimming
3	000-255	Green linear dimming
4	000-255	Blue linear dimming
5	000-255	White linear dimming
6	000-255	Color
7	000-255	RGB Mode
8	000-255	RGB Mode speed
9	000-255	White Mode
10	000-255	White Mode speed
11	000-255	RGBW strobe
12	000-255	RGBW Mode
13	000-255	RGBW Speed
14	000-255	Background
15	000-255	Background dimmer

152 Channel Mode

Channel	value	Function
1	000-255	R segment-1 linear dimming
2	000-255	G segment-1 linear dimming
3	000-255	B segment-1 linear dimming
4	000-255	R segment-2 linear dimming
5	000-255	G segment-2 linear dimming
6	000-255	B segment-2 linear dimming
↓	↓	↓
142	000-255	R segment-48 linear dimming
143	000-255	G segment-48 linear dimming
144	000-255	B segment-48 linear dimming
145	000-255	W segment-1 linear dimming
146	000-255	W segment-2 linear dimming
147	000-255	W segment-3 linear dimming
148	000-255	W segment-4 linear dimming
149	000-255	W segment-5 linear dimming
150	000-255	W segment-6 linear dimming
151	000-255	W segment-7 linear dimming
152	000-255	W segment-8 linear dimming

Symbol Instruction on Fixture:

CE certificate

RoHS certificate