

# **SRL-6078S LED PAR USER MANUAL**



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## Introduction

Thank you for purchasing SRL-6078S LED PAR. This product is featured with balanced mix of RGB LED, and operated via DMX, AUTO, Sound Active and Master/Slave. It will provide you splendid vision enjoyment.

### ● Features

- \* Adjust the color temperature to the best by mixing the RGB LED
- \* Linear brightness adjustable
- \* Dynamic Strobe and Fade pattern
- \* Desired Strobe and Fade adjustable
- \* Strobe Speed: 0.4 times/s ~16 times/s
- \* Color preset, and “rainbow” color available.
- \* 8 built-in programs
- \* DMX 512 Control, 5 DMX Channels ( R, G, B, Fade, Strobe)

### ● Mode

- \* DMX-512 control
- \* Auto through the internal program
- \* Sound Active
- \* Master/Slave

### ● Configuration

- \* 50 0.044W Red LED, 39 0.064W Green LED, 27 0.064W Blue LED

## Safety Information

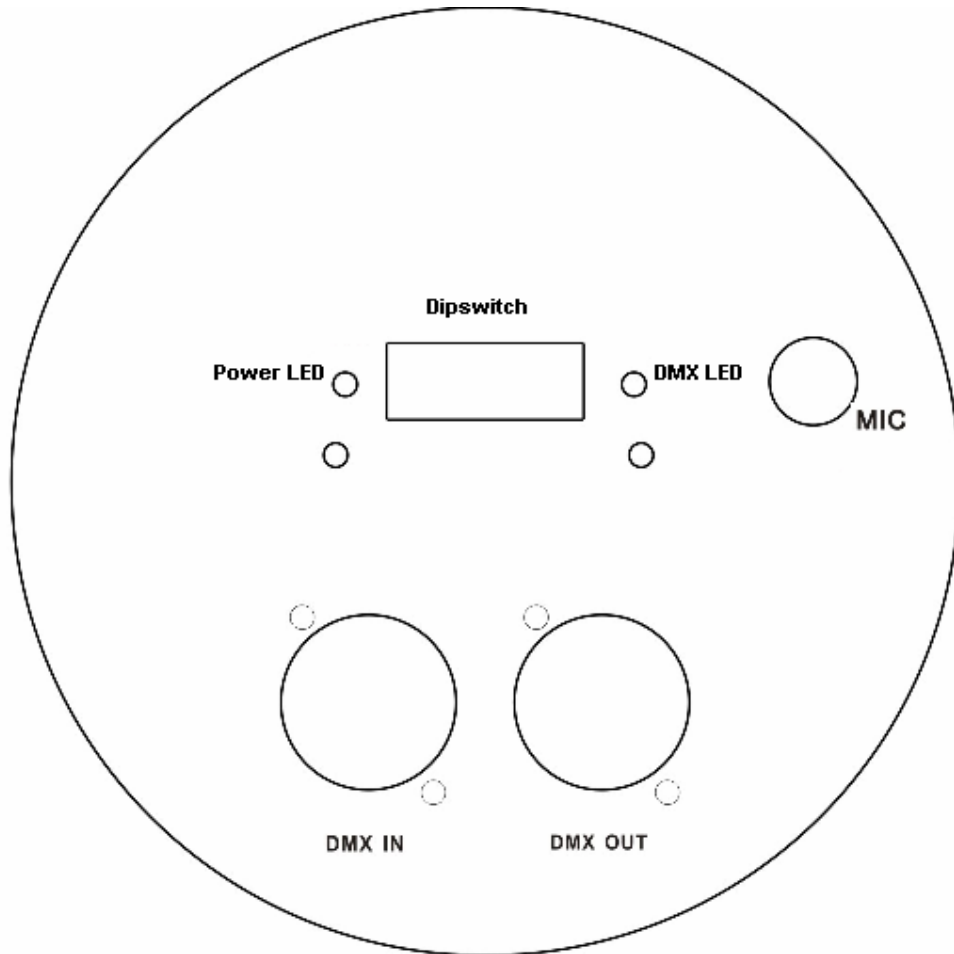
Read this manual before powering or installing the fixture. Follow the safety information listed below and observe all warnings in this manual. If you have any question about how to operate the fixture safely, please contact the dealer or Neo-Neon after service.

- Always ground earth electrically. And use only the power supply compliance with electrical code.
- For indoor use only. Always keep in dry and ventilated place and away from the rain and moisture.
- Do not block the air vent.
- Do not operate if the ambient temperature exceed 40°C.
- Replace the fuse and the bulbs with the same specified type.
- No spare parts are available. If needed, please contact the factory.

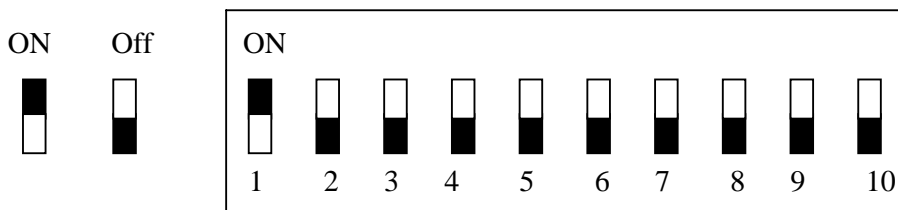
If any problem, please contact the professionals or the technicians.

# Operation Instruction

## Back Panel



### 1. Explanation for Dipswitch



- Dipswitch: #1, #2, #3, #4, #5, #6, #7, #8, #9, #10
- ON=1, OFF=0
- The switch does not function, that is ON/OFF does not matter = X
- As the above figure, #1 =ON =1, the rest #2, #3, #4, #5, #6, #7, #8, #9, #10 =OFF=0

## 2. Function

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
<b>DMX Function</b>		DMX Setting: Set Switch #1~#9 to "1" (ON) or "0"(OFF) to your need. For the detail, please refer to DMX Setting Chart.									1
<b>Master/Slave</b>		X	X	X	X	X	X	X	X	X	1
<b>Master</b>	<b>Auto for Fade</b>	Switch #1~#3 correspond for the Program Selection. Set Switch #1~#3 to "1" (ON) or "0"(OFF) to your need. For the detail, please refer to Program Selection Chart..			Switch#4~#6 correspond for the Speed. Set Switch#4~#6 to "1" (ON) or "0"(OFF) to your need. For the detail, please refer to Speed Selection Chart.			1	X	0	0
	<b>Auto for No Fade</b>							0	X	0	0
	<b>Sound Active</b>							X	X	X	X

### Function Explanation:

#### a. Sound Active:

1. No fade
2. The running of the Built-in Program is triggered by sound. ( one trigger, one step)
3. Every Program has different built-in sound-activated program. Select the program by Switch #1~#3.

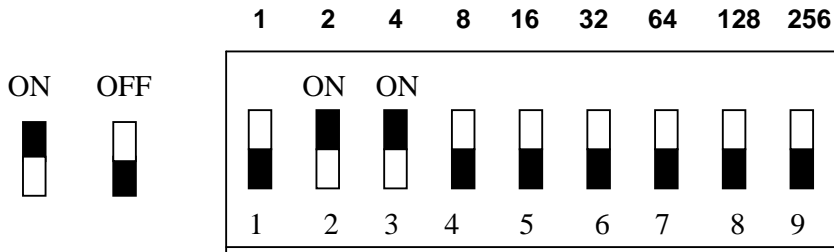
#### b. Master/Slave:

Set one lamp to AUTO mode with the others lamp to DMX mode. Thereafter, the master and the slave run synchronically.

#### c. DMX mode:

1. Set the DMX value (1~512 ) based on the binary system for Switch #1, #2, #3,#4, #5, #6, #7, #8, #9.
2. Plug in the DMX 3-Pin XLR signal cable.

**d. Example for DMX Address Setting**



1. Switch #1 value=0, #2 value =2, #3 value =4, #4 value =0, #5 value =0, #6 value =0, #7 value =0, #8 value =0, #9 value =0
2. The Address Value = 0+2+4+0+0+0+0+0+0=6
3. Please refer to the DMX Address Chart as attached for the DMX Address "6".

**e. Program Selection Chart**

#1	#2	#3	Program Selection
0	0	0	Select the 1 <sup>st</sup> program (Red Strobe)
1	0	0	Select the 2 <sup>nd</sup> program (Green Strobe)
0	1	0	Select the 3 <sup>rd</sup> program (Blue Strobe)
1	1	0	Select the 4 <sup>th</sup> program (Red and Green, Strobe)
0	0	1	Select the 5 <sup>th</sup> program (Red, and Blue, Strobe)
1	0	1	Select the 6 <sup>th</sup> program (Green and Blue, Strobe)
0	1	1	Select the 7 <sup>th</sup> program (Red, Green, Blue, Strobe)
1	1	1	Select the 8th program (rainbow)

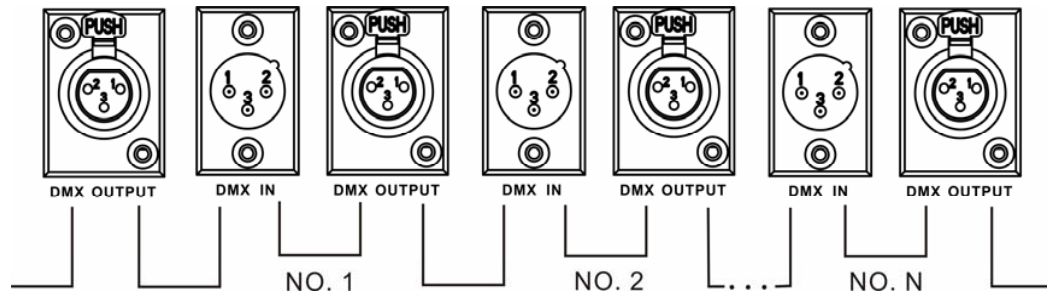
**f. Speed Selection Chart**

#4	#5	#6	Speed Selection
0	0	0	Speed1 ( the fastest)
1	0	0	Speed2
0	1	0	Speed3
1	1	0	Speed4
0	0	1	Speed5
1	0	1	Speed6
0	1	1	Speed7
1	1	1	Speed8 (the slowest)

### g. DMX Channel Function

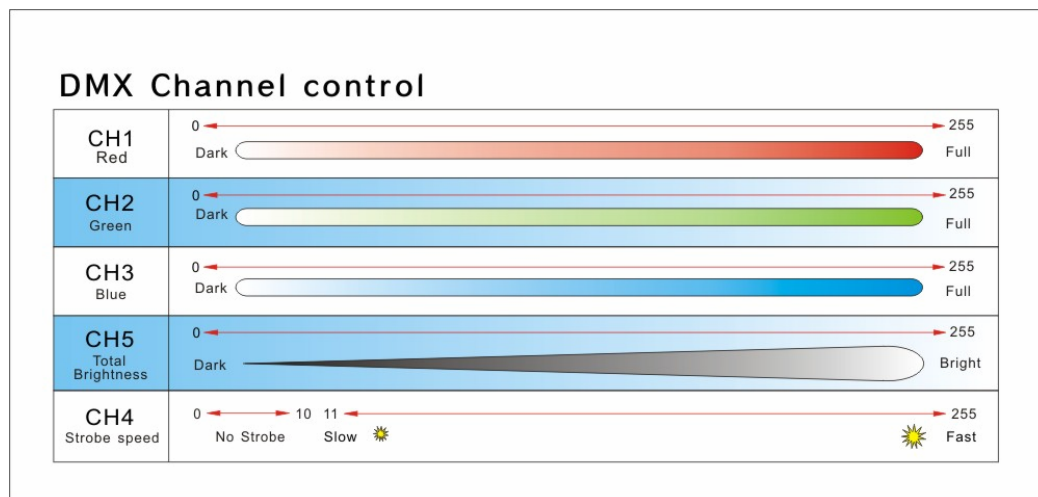
CHANNEL	VALUE	FUNCTION
Channel1	0~255	Set to 0~255 to your need Red LED Brightness is 0%~100% of the total brightness.
Channel2	0~255	Set to 0~255 to your need Green LED Brightness is 0%~100% of the total brightness.
Channel3	0~255	Set to 0~255 to your need Blue LED Brightness is 0%~100% of the total brightness.
Channel4	0~255	Set to 0~255 to your need All the LED Brightness is 0%~100% of the maximum brightness.
Channel5	0~10	No Strobe
	11~255	Set to 11~255 to your need All the LED strobe. 11 the slowest, 255 the fastest

### h. DMX Connection



### i. 3-Pin Connector

Pin 1 GND Ground, Pin 2 -Cold -Signal, Pin 3 +Hot +Signal



## Maintenance and Cleansing

### a. Troubleshooting

Trouble	Cause	Remedy
Fixtures do not respond.	No power supply	Check the mains power switch and the cables.
	Fuse burned	Disconnect the power and replace the fuse with the same specification. If the fuse is burned again, the problem should be caused by the circuit. Please consult the technician.
The reset is normal. But the fixtures do not respond or act abnormally via controller or Master /Slave.	Incorrect or incomplete data connection	Check the data cable. Ensure the signal input of the first fixture and the output of the controller to be connected.
	Whether set to Master mode or not	Set to Slave mode via DMX control
	Wrong DMX address	Check and unify the address setting.
	The signal port of one lamp has failures.	Pull out the signal output and input of one fixture. Then connect both directly. If it works well, this fixture is proved to be the failed one. Handle the rest fixtures alike to check which fixture has problems. If any problem, please connect the technician.
	The signal output of the controller doesn't match the signal input of the lamp. (PINS2—3 incorrect)	dial“ PHASE ”, interchange PIN2 and PIN3's position

### b. Cleansing

**SRL-6078S requires simple routine maintenance to secure its long life span and best performance.**

1. Maintain the cleaning of the fan and the air vents. Dust should be removed from the fan and the vents periodically to secure the cooling and heat dissipation.
2. Maintain the cleaning of the optical components.
3. Check the wires such as the wire connection or the earthed wire periodically to secure the safety.



## Specification

Voltage Input: AC120V/240V

Fuse: 2A/125V 1A/250V

Power:13W

Light Source: Red, 50Pieces, size  $\phi$  10, power 0.044W

Green, 39 pieces, size  $\phi$  10, power0.064W

Blue, 27pieces, size  $\phi$  10, power0.064W

Dimming:0~100%

DMX Channel: 5 DMX Channels

RGB mixed balance: 255 levels

Size: L260 x W260 x H320

Weight: 2.5KG

