

# RAINBOW LZ

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*SIX EYES SCANNING LASER LIGHT*



**USER MANUAL | MANUAL DE USUARIO**

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE USE  
*POR FAVOR LEA LAS INSTRUCCIONES ANTES DE USAR*



# 1• OVERVIEW

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## RAINBOW LZ

### *SIX EYES SCANNING LASER LIGHT*

**RAINBOW LZ** is a 6-way Laser effect with independent control. The unit is built in a lightweight, impact-resistant metal cabinet, making this effect ideal for mobile use. With its wide coverage and strobe functions, the unit is an exceptional tool for creating sophisticated environments. **RAINBOW LZ** provides great flexibility with its 3 operating modes (DMX, built-in programs and static colors) and all-night operation capability.

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### *Control*

- DMX channels: 8
- Operational modes: DMX, built-in programs and static colors.

### *Physical*

- LED display
- DMX connectors: 2 XLR connectors (XLR-3N Input & Output)
- Dimensions: 410 x 320 x 240 mm.  
16.4 x 125.9 x 94.4 in.
- Weight: 1 Kg. / 2.2 Lbs.

## Specifications

### *Source & Optics*

- Light Source:
  - R:** 650 nm 2\*100 mw
  - G:** 532 nm 30 mw
  - B:** 450 nm 100 mw.
- Average lifespan: 50,000 hours.

### *Effects & Functions*

- Dimmer: 0-100% each color and general.
- Strobe effect.
- Integrated programs.w
- LCD Laser Technology.

## 2. SAFETY INSTRUCTIONS

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**For your own personal safety, please read and understand this manual completely before you attempt to install or operate this unit!**

- 1.** DO NOT self disassemble or repair the system unless qualified in the relevant field of electronics. When there is a problem, please enquire or contact a qualified electrician, or with your local dealer.
- 2.** Installation should be made by professional technician.
- 3.** DO NOT exposure the system to wet and a dirty dust-laden environment.

- 4.** DO NOT touch the system by wet hand and forcefully pull the power cable;
- 5.** DO NOT turn the system on and off frequently, avoid to turn on it for a long time.
- 6.** Prevent the subjection of strong vibration or G-shock to the system.
- 7.** Prevent foreign subjects from entering the system.
- 8.** Allow at least 1 meter of clear proximity from the system when installed.

## 3. MAINTENANCE

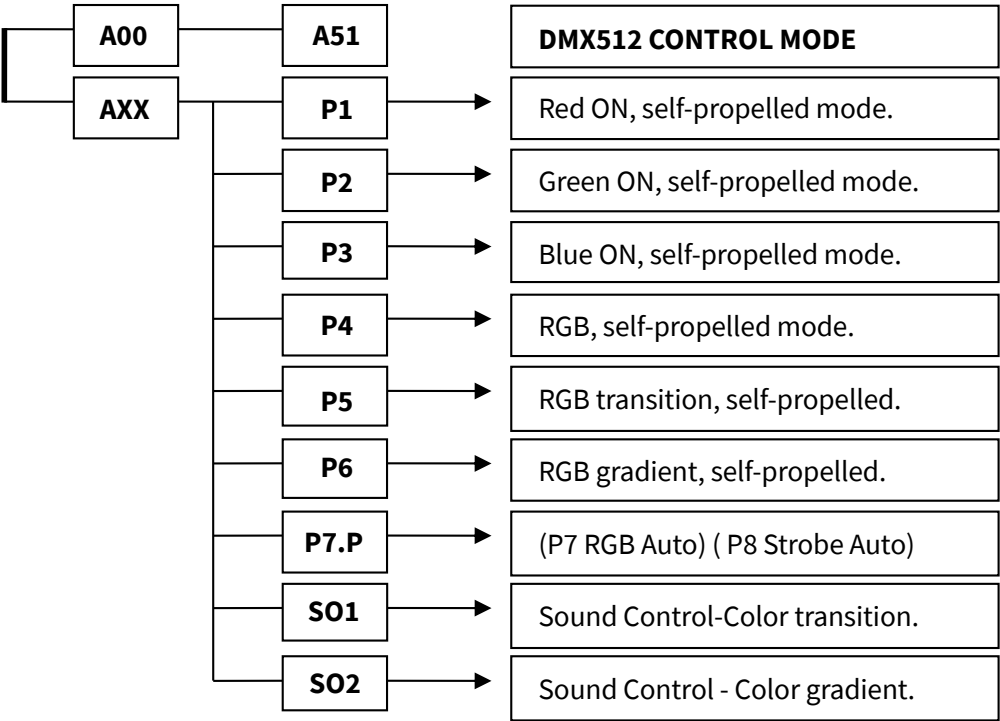
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Clean the lens regularly. Do not use a wet cloth or chemicals; use a damp cloth. The maintenance period depends of the usage frequency and

surrounding conditions of the LASER display system. It is recommended that the system should be cleaned every **60 days**.

## 4. INSTRUCTIONS

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## 5. DMX CHANNELS

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CHANNEL	DMX VALUE	FUNCTION / DESCRIPTION
1	0-255	R, G, B, total dimming , linear dimming from dark to light.
2	0-255	Red laser turns OFF, the brightness from dark to light.
3	0-255	Green laser turns OFF, the brightness from dark to light.
4	0-255	Blue laser turns OFF, the brightness from dark to light.
5	0-255	Strobe: from slow to fast.
6	0-255	Motor Positioning Function
7	0-127	Motor rotates forward infinitely, the speed from fast to slow.
	128-255	Motor reverse infinite rotation, the speed from fast to slow.
8	0	CH1 to CH7.
	1-250	Self-Running effect. P5 P6 P7
	250-255	With the program sound effects S01 A02.

