

Club Laser - II

AL18 Series



*Your Best Mate
in Laser Lighting!*

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Introduction

Thank you for selecting Club-II. Club-II is a three-channel DMX laser can be controlled via a standard DMX controller. It's a lightweight, mini intelligent fixture and is an ideal product for discos, clubs, exhibitions and any place that need visionary effect. Club-II provides red, green, yellow laser effect and three operating modes. For safe operation, read this manual before powering or installing the fixture, follow the safety precautions listed below, and observe all warnings printed in this manual and on the fixture.

Safety Precautions

- Do not spill liquids in to or on to your unit. If this ever happens, disconnect the main power immediately. Do not connect this unit to any dimmer pack.
- Always disconnect from main power before making any type of connection.
- Be sure to locate this unit in a place with adequate ventilation at least 15 cm from a wall, and mount this unit in safe and stable matter.
- To prevent fire or shock hazard, do not expose this unit to a high temperature or high humidity area. Please unplug unit when not in use.
- Always keep combustible materials away from the fixture.
- This unit is intended for indoor use. Use of this unit outdoors voids all warranties.
- Always refer service to a qualified technician. Never look directly into laser beam.
- Occasional breaks are necessary to prevent breakdowns.
- **Caution - Use of controls or adjustments or performance of procedures other than as specified herein may result in hazardous radiation exposure!**

Set Up

Unpacking Club II comes with: 2 hanging brackets, 4 clamp levers, 4 washers, 1 adapter and 1 user guide. Unpack carefully and be sure that no damage has occurred during shipping. If there is anything missing or appear to be damaged please contact your dealer.

Power Connection Be sure the source voltage in your area matches the required voltage for your Club II before plugging your unit in. Incorrect voltage selection will detrimentally affect the operation of this product.

DMX Cable Connection Club II is a three-channel DMX fixture that can be operated with universal DMX controller. This unit and DMX controller require a standard 3-pin XLR connector for data input and data output.

Installation/Mounting Club II should be properly mounted by using a suitable hanging clamp and safety cable. Use in a well-ventilated area. Be sure no ventilation slots are blocked.

Operating Modes

1. Stand-Alone Operation (Auto, Sound Active Mode)

Auto mode

- The unit runs built-in program to change the laser effects automatically. Set DIP switch pin 10 to ON, other pins to OFF to run Auto mode

Sound Active mode

- This unit has built-in program that will react to sound and music under Sound Active mode. Set all DIP switch pins to OFF to run Sound Active mode

2. Master-Slave Operation (Auto, Sound Active Mode)

This mode allows user to link up to 32 units to run the Master-Slave operation. In the Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling unit. Daisy chain your units via the standard XLR microphone cables in the following configuration: 'Out' from the first unit to 'In' on the second, 'Out' from the second to 'In' on the third and so on.

Auto mode

- To set the master: Set DIP switch pin 10 and 11 to ON, other pins to OFF.
- To set the slaves: Set pin 1 to ON, other pins to OFF

Sound Active mode

- To set the master: Set DIP switch pin 11 to ON, other pins to OFF.
- To set the slaves: Set pin 1 to ON, other pins to OFF

Operating Modes (Cont.)

3.DMX Operation

- DMX operation gives the user freedom to create his/her own programs tailored to their own individual needs.
- To run this unit in DMX mode, connect the unit to any standard DMX controller via XLR connectors.
- Please consult DMX controller manual to determine address.

Function Selection Chart














DIP SWITCHES CHART											FUNCTION	
1	2	3	4	5	6	7	8	9	10	11	12	
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF		OFF	SOUND MODE
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON		OFF	AUTO MODE
SET SOUND / AUTO MODE										ON	OFF	MASTER
ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	SLAVE
SET ADDRESS									OFF	OFF	OFF	DMX MODE
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	TEST MODE

DMX Signal Levels

Channel-1	
Range 0-255	Colors and Lines Selection
233-255	Colors and Lines change every 5 seconds
209-232	Colors and Lines change every 3 seconds
196-208	Red + Yellow + Green, dotted line2
183-195	Red + Green, dotted line2
170-182	Green, dotted line2
157-169	Red, dotted line2
144-156	Red + Yellow + Green, line
131-143	Red + Yellow, line
118-130	Green + Yellow, line
105-117	Red + Green, line
92-104	Red + Yellow + Green, dotted line
79-91	Red + Green, dotted line
66-78	Yellow, dotted line
53-65	Green, dotted line
40-52	Red, dotted line
27-39	Yellow, line
14-26	Green, line
1-13	Red, line
0	OFF

Operating Modes (Cont.)

DMX Signal Levels (Cont.)

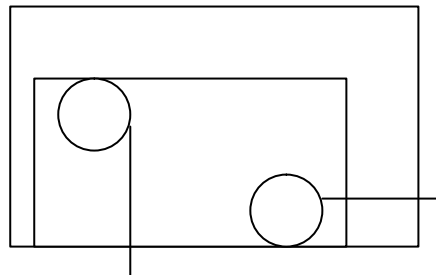
Channel-2			Channel-3	
Range 0-255	Laser up/down movement selection		Range 0-255	Laser up/down preset movement selection
228-255	Sound Active		255  56	 x4 times
216-227		Laser lights continuously move downward		 x3 times
213-215	Stop			 x2 times
201-212		Laser continuously move upward		 x1 time
0-200		Laser position selection		 Starting Point
				 x1 time
			 x2 times	
			 x3 times	
			 x4 times	
			0-55	Not Used

Cleaning

Use a soft cloth and normal glass cleaner to clean the outside casing. Cleaning frequency depends on the environment in which the fixture operates. Be sure to dry all parts before plugging the unit back in.

Trouble Shooting

- If there is no light from the unit, please check the main power supply and fuse.
- If unit does not respond to DMX, please check the DMX cables are connected properly and are wired correctly.
- If unit does not respond to the music please check the sound-activation adjustment.
- If problems cannot be solved please contact your dealer for service
- You can adjust the position of green and red light by follow steps to make the best yellow light effect
Step1: Set the DIP switch 12 to ON, others to OFF
Step2: Open the case (Before you open the case please project light on to the wall. Never look into the beam directly.)



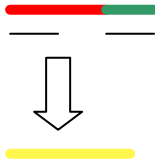
Knob1: Control green light vertically.

Knob2: Control green light horizontally.

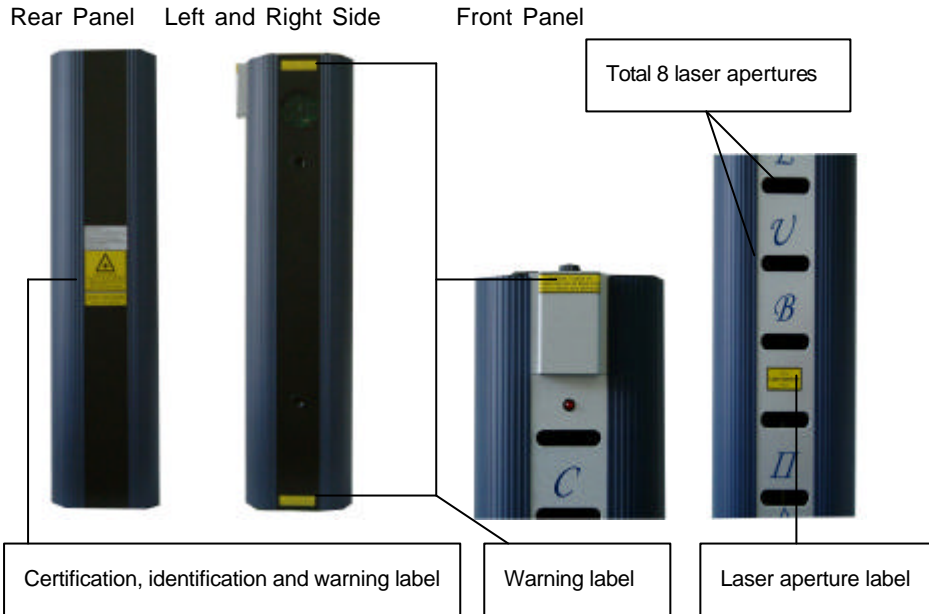
Step3: control knob1 to vertically adjust green light line to the same position of height with red light line



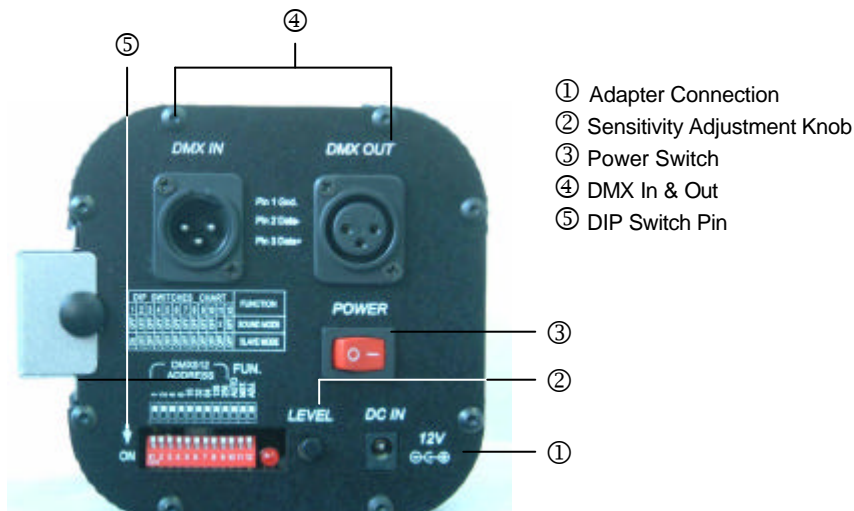
Step4: control knob2 to overlap the green light line and red light line



Safety Label Position



Control Panel Introduction



Specifications

Model NO.	5R5G/20R10G	50R20G
Laser power	4.9~20mW red & 4.9~10mW green	50mW red & 20mW green
Classification	IIIR	
Power	UL Adapter (Input 120V 60Hz & Output DC 12V) or CE Adapter (Input 220-240V 50Hz & Output DC 12V)	
Weight	4Kgs	
Dimension(mm)	L140 x W120 x H500	
Housing	Iron	
Beam Divergence	< 1.5 mrad	
Operating temperature	18 ~25	