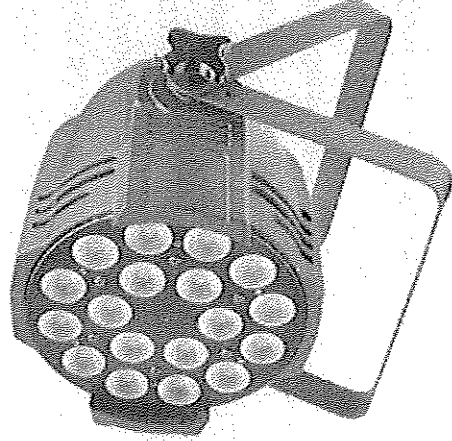


# LED PAR LIGHT 5 IN 1



## User Manual

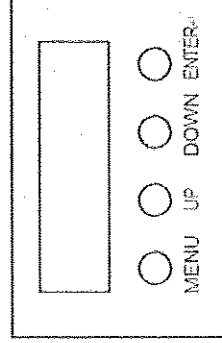
Please read this manual before installing & using, and keep it for further consultation

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## Product overview:

(Diagram 1)



Button	Function
<MENU> option	Used to access the mode or to return to a previous mode
<UP>	Change the value of function you choosing in ascending order
<DOWN> order	Change the value of function you choosing in descending order
<SETUP>	locate the function of which you want to change the value

Press the **MENU** button, you can browse all the function, such as **AUTO RUN**, **DMX MODE**, **SLAVE MODE**, **SOUND**, and **built in program**.

While the function you want, for example, if **DMX MODE**, the **ADDR & MODE** can be adjusted. You can press **SETUP** button to catch them, if **MODE**, it has 2 models(4/8CH), press **UP & DOWN** to locate it.

### **Program Mode & Sound Mode:**

In Program Mode you can pick your desired factory installed program; static color, color show, color fade, or color cycle. You can apply a strobe effect to static colors, and control the speed of the color shows, color fade, and color cycle.

### **Master-Slave Operation:**

This function will allow you to link units together to run in a Master-Slave mode. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave however, only one unit can be programmed to act as the "Master."

### **Master-Slave Connections and Settings:**

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR microphone cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.

- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 3 for cleaning details.
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufacturers warranty. In the unlikely event your unit may require service please contact us.

**Cleaning:** Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

## COLORS EFFECT

VALUE	FUNCTION
31~50	R 100% / G increase / B 0% / W 0%
51~70	R decrease / G 100% / B 0% / W 0%
71~90	R 0% / G 100% / B increase / W 0%
91~110	R 0% / G decrease / B 100% / W 0%
111~130	R increase / G 0% / B 100% / W 0%
131~150	R 100% / G 0% / B decrease / W 0%
151~170	R 100% / G increase / B decrease / W 0%
171~190	R decrease / G decrease / B 100% / W 0%
191~200	R 100% / G 100% / B 100% / W 100%
201~255	colour temperature ( please press <b>【CAL1】</b> to adjust ) Each of the 5 values for a file, such as: 201~205: 3200K 206~210: 3400K 211~215: 4200K 216~220: 4900K 221~225: 5600K 226~230: 5900K 231~235: 6500K 236~240: 7200K 241~245: 8000K 246~250: 8500K 251~255: 10000K

**Please Note:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.



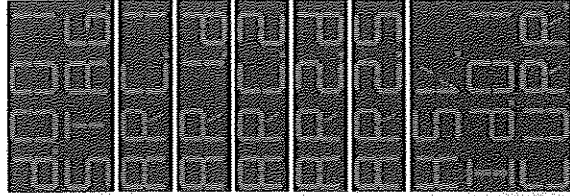
		( the program to adjust speed use CH2、CH3 )
11	0~9	Dimmer speed ( 0~9: SET dimmer speed )
	10~29	off
	30~69	Speed 1 ( fastest )
	70~129	Speed 2
	130~189	Speed 3
12	190~255	Speed 4 ( slowest )
	0~9	invalid
	10~19	ID1
	.....	..... ( Each of the 10 number represents a program )
	200~209	ID20
	210	ID21
.....	..... ( Each of the 1 number represents a ID )	
	255	ID66

◆ ARC.1 mode

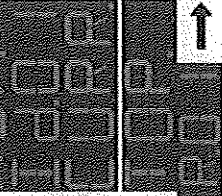
CH	VALUE	FUNCTION
1	0~255	R
2	0~255	G
3	0~255	B

◆ AR1.d mode

CH	VALUE	FUNCTION
1	0~255	Dimmer
2	0~255	R
3	0~255	G
4	0~255	B



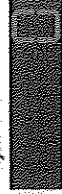
(1~512)



(1~66)



(20~150)



(0~255)



(0~255)



(0~255)



(0~255)



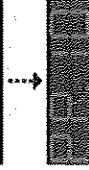
(0~20)



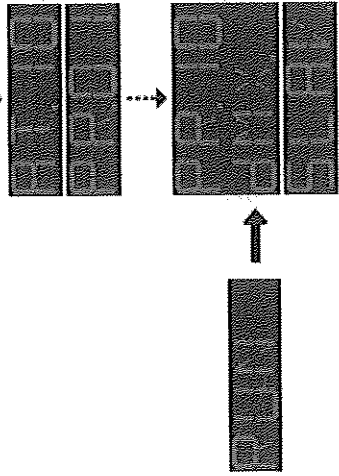
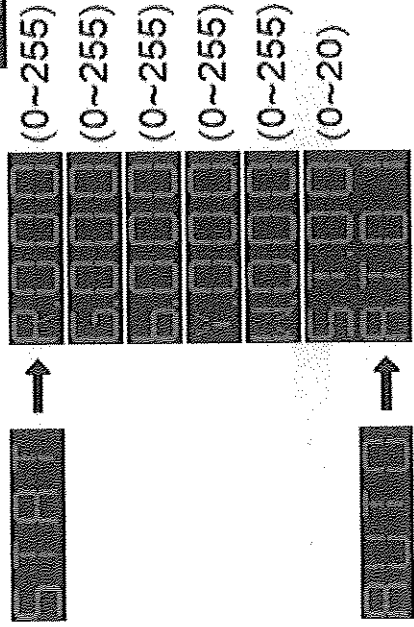
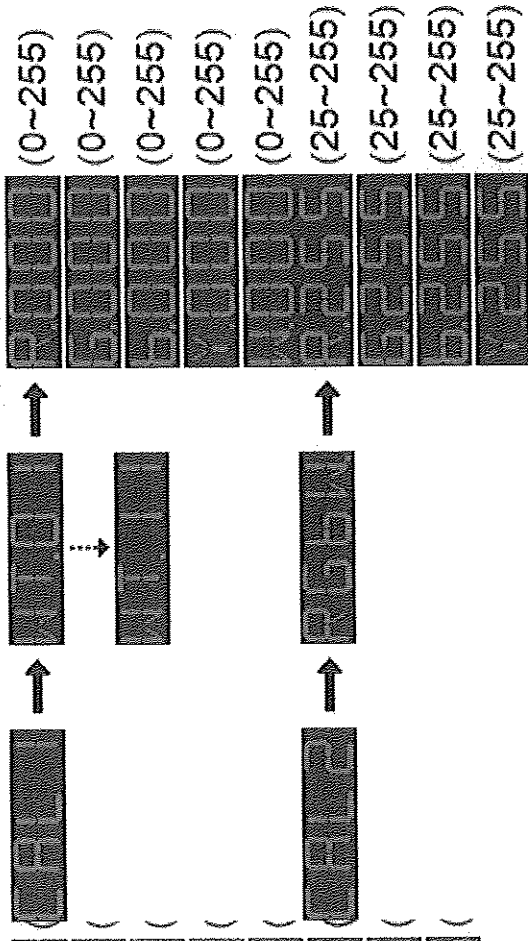
(0~255)



(0~255)







- Using the Master unit, choose your desired mode or program and connect the "Slave" unit or units.
- Set the "Slave" unit(s) to the DMX address mode. They will now follow the "Master" unit.













### **DMX MODE:**

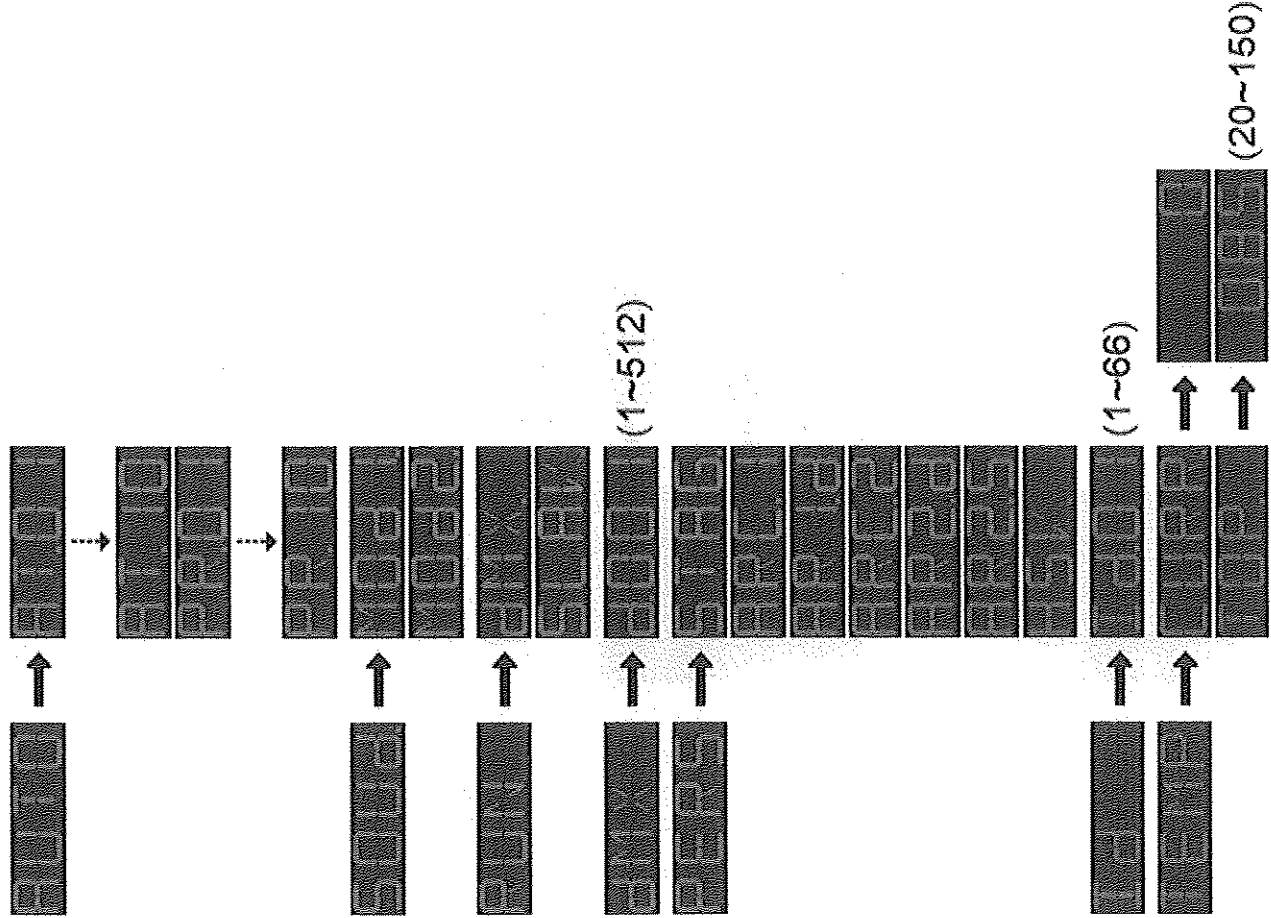
Operating through a DMX controller give the user the freedom to create their own programs tailored to their own individual needs.

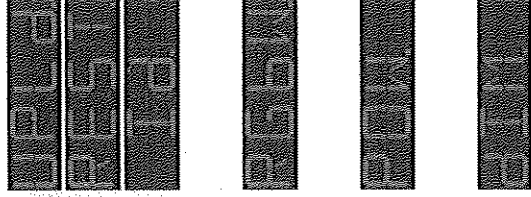
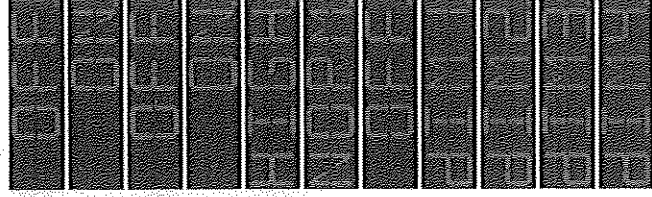
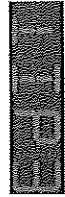
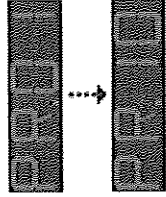
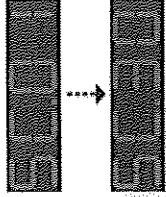
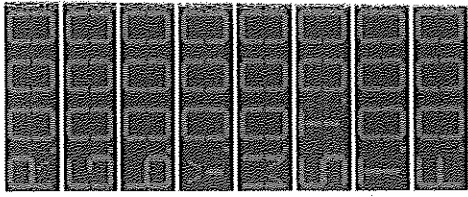
- This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.
- To run your fixture in **DMX mode**, plug in the fixture via the XLR connections to any standard DMX controller. Press **MODE** button till **DMX MODE** display, and press **SET UP** button to enter the DMX address and DMX mode selection, and then press **UP** or **DOWN** buttons to adjust the DMX address and DMX mode. The channels value refers to the following channel summary.

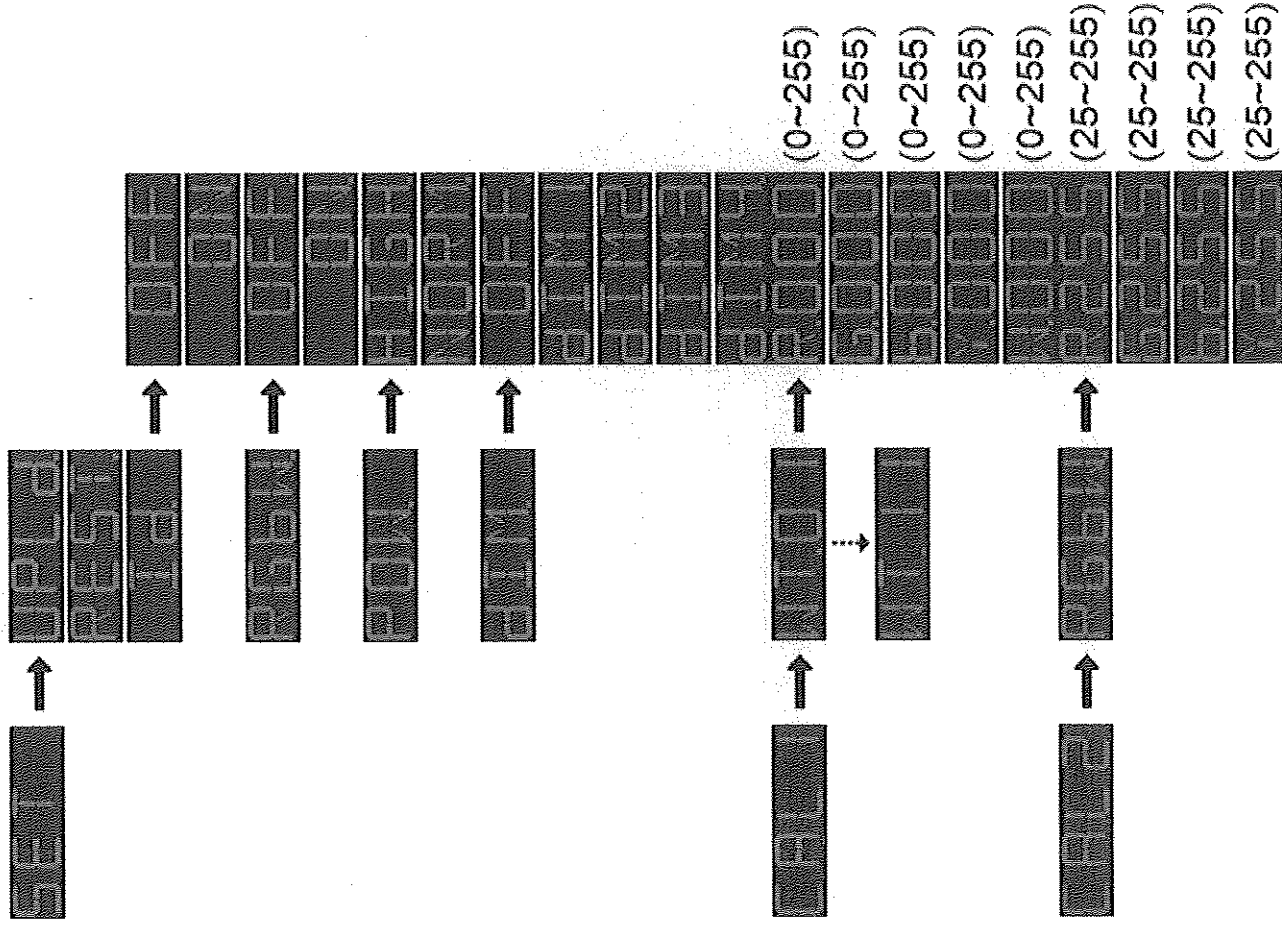
### **LED PAR LIGHT**

### **DMX Channels Summary**

		(0~255)
		(0~255)
		(0~255)
		(0~255)
		(0~255)
		(0~20)









◆ STAG MODE

CH	VALUE	FUNCTION
1	0~255	dimmer
2	0~255	R(when on CH8 choose PR01~10,CH2 control TIME)
3	0~255	G(when on CH8 choose PR01~10,CH3 control FADE)
4	0~255	B
5	0~255	Y/UV
6	0~255	W
7	0~5	invalid
	6~20	HIGH POWER(only when in NORMAL POWER model)
	21~30	invalid
	31~255	Color change
8	0~10	W/O strobe
	11~255	strobe speed (255 fastest)
9	0~20	invalid
	21~30	Built-in program 1
	.....	..... ( Each of the 10 number represents a program )
	110~120	Built-in program 10
	121~130	The program 1
	.....	..... ( Each of the 10 number represents a program )
	211~220	The program 10
	221~240	Sound control
	241~255	Sound control flashing
10	0~255	Built-in program to adjust speed



## ◆ ARC.2 mode

CH	VALUE	FUNCTION
1	0~255	R
2	0~255	G
3	0~255	B
4	0~255	Y/UV
5	0~255	W

## ◆ AR2.d mode

CH	VALUE	FUNCTION
1	0~255	Dimmer
2	0~255	R
3	0~255	G
4	0~255	B
5	0~255	Y/UV
6	0~255	W

## ◆ AR2.S mode

CH	VALUE	FUNCTION
1	0~255	Dimmer
2	0~255	R
3	0~255	G
4	0~255	B
5	0~255	Y/UV
6	0~255	W
7	0~10	W/O strobe
	11~255	Strobe speed ( 255 fastest )

## ◆ HSV mode

CH	VALUE	FUNCTION
1	0~255	H hue(0~100%)
2	0~255	S saturation(0~100%)
3	0~255	V brightness(0~100%)



## LED PAR LIGHT

## Features

- 10W(5 IN 1)\* 18 pcs Ultra Bright LEDs RGBWY/RGBW+UV
- Multi-colors
- Color Strobe
- Electronic Dimmer 0-100%
- Built in Microphone
- DMX-512 control
- 12/3/4/5/6/7/3 DMX Channels

## LED PAR LIGHT

## Set Up

**Notice:** Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

Figure 1

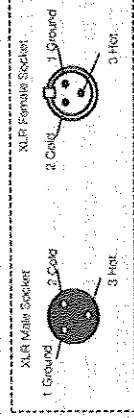
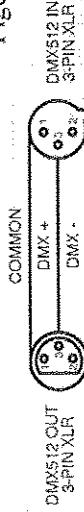


Figure 2

Figure 3

XLR Pin Configuration	
Pin 1 =	Ground
Pin 2 =	Data Compliment(negative)
Pin 3 =	Data True(positive)

### 3-Pin to 5-Pin Conversion Chart:

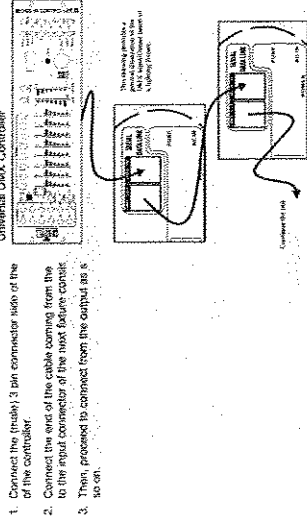
**Note!** If you use a controller with a 5 pin DMX output connector, you will need to use a 5 pin to 3 pin adapter. The chart below details a proper cable conversion:

#### 3-Pin to 5-Pin Conversion

Conductor	3 Pin Female(Output)	5 Pin Male(Input)
Ground/Shield	Pin 1	Pin 1

Data(-) signal	Pin 2	Pin 2
Data(+) signal	Pin 3	Pin 3
Not Used		Do not use
Not Used		Do not use

### Setting up a DMX Serial Data Link:



1. Connect the (male) 3 pin connector side of the cable to the controller.
2. Connect the end of the cable coming from the fixture to the input connector of the next fixture consist.
3. Then, proceed to connect from the output as shown.

### Master/Slave Fixture Linking:

1. Connect the (male) 3 pin connector side of the DMX cable to the output (female) 3 pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

## LED PAR LIGHT

## Operating Instructions

### Operating Modes:

You can use the unit in either a stand alone mode or a master/slave configuration, there are 4 modes to choose from:

- **Program Mode** - Choose a static color, color show, color fade show, or color cycle. The speed of the show is adjustable. You can also have the unit strobe in this mode.
- **Sound-Active mode** - The unit will react to sound, chasing through the built in programs.
- **Master/Slave Mode**- Using the Master unit, choose your desired mode or program and connect the "Slave" unit or units, All slaves will now follow the "Master" unit. But only one master.
- **DMX control mode** - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller

**Unpacking:** Thank you for purchasing our products. Every unit has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, Save the carton and all packing materials. In the event a fixture must be returned to the factory. It is important that the fixture be returned in the original factory box and packing.

**Introduction:** The unit is a LED stage light, which can be used in a stand alone mode or connected in a Master/Slave configuration. The unit can also be controlled via DMX controller, which has four operating modes: Sound Active mode, stand alone mode, Master/Slave and DMX control mode.

**AC Power:** This fixture has an auto-switching power supply that can accommodate a wide range of input voltages. The only thing necessary to do before powering on the unit is to make sure the line voltage you are applying is within the range of accepted voltages. This fixture will accommodate between 100V and 240V AC.

### **Safety Instructions:**

Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product.

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Never plug this unit in to a dimmer pack

**Innovation, Quality, Performance**