

# LED Stage Lighting Use Manual

## 40-3 curtain bar light



**Please Read Over This Manual before Operating the Light Fixture**

Thanks for using our LED Stage Lighting Equipment. Before using, please read the instruction carefully. The instruction include important installing and using information. Please use the fixtures following the instruction and keep the user manual properly.

Our product use engineering plastic shell which is new, beautiful and can bear high temperature and high hardness metal body. Our product strictly follow the standard of CE and CCC to design and product. It's conform to the international standard DMX512 signal protocol. It's can be use alone or connect together. It's have rotation fast, low noise and multifunctional as the product's feature. It's special for KTV, Dance hall, Night club, Bar and so on.

### **1. Safety Instruction**

- Please keep this User Guide for future consultation.If you sell the unit to another user,be sure that they also receive this instruction booklet
- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating,ensure that the voltage and frequency of power supply match the power requirements of the unit
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit is for indoor use only.Use only in a dry location
- The unit must be installed in a location with adequate ventilation,at least 50cm from adjacent surfaces.Be sure that no ventilation slots are blocked
- Disconnect main power before replacement or servicing.
- Make sure there is no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this unit.Don't handle the unit by taking its head only,But always by taking its base.
- Maximum ambient temperature is  $t_a:40^{\circ}\text{C}$ . Don't operate it where the temperature is higher than this.
- Unit surface temperature may reach up to  $85^{\circ}\text{C}$ .Dont touch the housing bare-hand during its operation.Turn off the power and allow about 15 minutesfor the unit to cool down before replacing or serving.
- In the event of serious operating problem,stop using the unit immediately.Never try to repair the unit by yourself.Repairs carried out by unskilled people can lead to damage or malfunction.Please contact the nearest authorized technical assistance center.Always use the same type Spare parts.

# I. The DMX channel menu

## 8-Channel Mode (Basic Function)

channel	function	explain
CH1	000-255	RGB total dimming, from dark to bright
CH 2	005-255	RGB total strobe, from slow to fast
CH 3	000-009	Perform the (CH 6-CH 8) RGB static dimming
	010-019	Static color, CH5 Select color
	020-029	Breathing effect, and CH5 selected the color
	030-039	Jump change effect
	040-049	Gradient change effect
	050-059	Pulse change effect
	060-069	Horse racing effect-1, CH5 Select the color
	070-079	Horse racing effect-2, CH5 Select the color
	080-089	Horse racing effect-3, CH5 Select the color
	090-099	Horse racing effect-4, CH5 Select the color
	100-109	Horse racing effect-5, CH5 Select the color
	110-119	Horse racing effect-6, CH5 Select the color
	120-129	Horse racing effect-7, CH5 Select the color
	130-139	Horse racing effect-8, CH5 Select the color
	140-149	Horse racing effect-9, CH5 Select the color
	150-159	Horse racing effect-10, CH5 Select color
	160-169	Horse racing Effect-11, CH5 Select color
	170-179	Horse Race Effect-12, CH5 Select color
	180-189	Horse racing effect-13, full-color effect
	190-199	Horse racing effect-14, full-color effect
200-209	Horse racing effect-15, CH5 Select color	
210-219	Sound Control Mode 1	
220-229	Sound Control Mode 2	
230-255	Sound Control Mode 3	
CH 4	000-255	Effect mode: adjustment, speed, from slow to fast Voice control mode: adjust the sound control sensitivity, from low to high
CH 5	000-255	color selection
CH 6	000-255	R red dimming, from dark to bright
CH 7	000-255	G Green dimming, from dark to bright
CH 8	000-255	B Blue dimming, from dark to bright

## Channel 3 (whole lamp)

channel	DMX numeric value	function declaration
CH 1	000-255	R red dimming, from dark to bright
CH 2	000-255	G Green dimming, from dark to bright
CH 3	000-255	B Blue dimming, from dark to bright

### Channel 4 (whole lamp)

chan nel	DMX numeri c value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R red dimming, from dark to bright
CH 3	000-255	G Green dimming, from dark to bright
CH 4	000-255	B Blue dimming, from dark to bright

### Channel 6 (2 segments 20 for a segment)

chann el	DMX numeric value	function declaration
CH 1	000-255	R segment 1 is red dimming, from dark to bright
CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
CH 4	000-255	R segment 2 is red dimming, from dark to bright
CH 5	000-255	G segment 2 is green dimming, from dark to bright
CH 6	000-255	B segment 2 is blue dimming, from dark to bright

### Channel 7 (2 segments 20 for a segment)

chann el	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright
CH 4	000-255	B segment 1 is blue dimming, from dark to bright
CH 5	000-255	R segment 2 is red dimming, from dark to bright
CH 6	000-255	G segment 2 is green dimming, from dark to bright
CH 7	000-255	B segment 2 is blue dimming, from dark to bright

### Channel 12 (4 segments 10 for a segment)

chann el	DMX numeric value	function declaration
CH 1	000-255	R segment 1 is red dimming, from dark to bright
CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
...	...	...

...	...	...
CH 10	000-255	R segment 4 is red dimming, from dark to bright
CH 11	000-255	G segment 4 is green dimming, from dark to bright
CH 12	000-255	B segment 4 is blue dimming, from dark to bright

#### Channel 13 (4 segments 10 for a segment)

channel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright
CH 4	000-255	B segment 1 is blue dimming, from dark to bright
...	...	...
...	...	...
CH 11	000-255	R segment 4 is red dimming, from dark to bright
CH 12	000-255	G segment 4 is green dimming, from dark to bright
CH 13	000-255	B segment 4 is blue dimming, from dark to bright

#### Channel 24 (8 segments 5 for a segment)

channel	DMX numeric value	function declaration
CH 1	000-255	R segment 1 is red dimming, from dark to bright
CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
...	...	...
...	...	...
CH 22	000-255	R segment 4 is red dimming, from dark to bright
CH 23	000-255	G segment 4 is green dimming, from dark to bright
CH 24	000-255	B segment 4 is blue dimming, from dark to bright

#### Channel 25 (8 segments 5 for a segment)

channel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright
CH 4	000-255	B segment 1 is blue dimming, from dark to bright
...	...	...
...	...	...
CH 23	000-255	R segment 8 is red dimming, from dark to bright
CH 24	000-255	G segment 8 is green dimming, from dark to bright
CH 25	000-255	B segment 1 is blue dimming, from dark to bright

**Channel 60 (20 segments 2 for a segment)**

channel	DMX numeric value	function declaration
CH 1	000-255	R segment 1 is red dimming, from dark to bright
CH 2	000-255	G segment 1 is green dimming, from dark to bright
CH 3	000-255	B segment 1 is blue dimming, from dark to bright
...	...	...
...	...	...
CH58	000-255	R segment 20 is red dimming, from dark to bright
CH59	000-255	G segment 20 is green dimming, from dark to bright
CH 60	000-255	B segment 20 is blue dimming, from dark to bright

**Channel 61 (20 segments 2 for a segment)**

channel	DMX numeric value	function declaration
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R segment 1 is red dimming, from dark to bright
CH 3	000-255	G segment 1 is green dimming, from dark to bright
CH 4	000-255	B segment 1 is blue dimming, from dark to bright
...	...	...
...	...	...
CH 59	000-255	R segment 20 is red dimming, from dark to bright
CH 60	000-255	G segment 20 is green dimming, from dark to bright
CH 61	000-255	B segment 20 is blue dimming, from dark to bright

**120-Channel Mode (point control)**

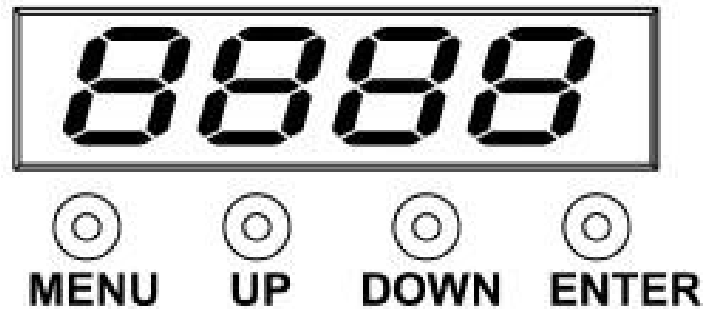
channel	function	explain
CH 1	000-255	R1 red dimming, from dark to bright
CH 2	000-255	G1 green dimming, from dark to bright
CH 3	000-255	B1 Blue dimming, from dark to bright
...	...	...
...	...	...
CH118	000-255	R40 red dimming, from dark to bright
CH119	000-255	G40 green dimming, from dark to bright
CH120	000-255	B40 Blue dimming, from dark to bright

**121 Channel Mode (point control)**

channel	function	explain
CH1	000-255	RGB total dimming, from dark to bright
CH 2	000-255	R 1 red dimming, from dark to bright
CH 3	000-255	G 1 green dimming, from dark to bright
CH 4	000-255	B 1 Blue dimming, from dark to bright
...	...	...
...	...	...
CH 119	000-255	R40 red dimming, from dark to bright
CH 120	000-255	G40 green dimming, from dark to bright
CH 121	000-255	B40 Blue dimming, from dark to bright

## II. Key operation and digital tube display instructions

### 1. Key description



MENU: function key    UP: Key DOWN: key ENTER: Confirm key

### 2. Digital tube display menu description

order number	content	scale	Functions and instructions	
1	A001	001-512	The DMX512 address code settings	
2	8CH	3/4/6/7/8/1 2/13/24/25/ 60/61/120/ 121	Channel mode setting	
3	R255	000 - 255	Red dimming, from dark to bright	
4	G255	000 - 255	Green dimming, from dark to bright	
5	b255	000 - 255	Blue dimming, from dark to bright	
6	F000	005 - 255	RGB total strobe, from slow to fast	
7	CC15	01 - 15	Jump change effect, press add button to set speed 01-15	
8	dE15	01 - 15	Gradient change effect, press add button to set speed 01-15	
9	CP15	01 - 15	Pulse change effect, press the add or minus button to set the speed 01-15	
10	CL01	01 - 15	The 1-7 is a static color	Press OK to set the speed of SP01-SP15
			8-15 is the respiratory effect	
11	EF-8	E ' F ' : 1 - F	Add key switching effect	Press OK to set the speed of SP01-SP15
		- ' 8 ' : 1 - 8	Cut the key to switch the color	
12	Sou1	1 - 3	1 is effect sound control, 2 is music beating effect 1, and 3 is music beating effect 2	Press OK to set the sensitivity, SE01-SE15

## technical parameter:

Voltage: AC90V-240V 50/60Hz

Light source: 3535 lamp beads 40 \* 3-watt RGB three-in-one

Power: 70W

Power supply: 5V 100 watts

Control mode: DMX512 / Master-slave / Sound / Auto

Working Mode: Pixel Control 1 by 1

Angle lenses: 3°

IP: Indoor Use , IP20

Dimming: 0~100% smooth dimming

Strobe: 20times/second