UV BAR18

LCG-UVB18

User Manual
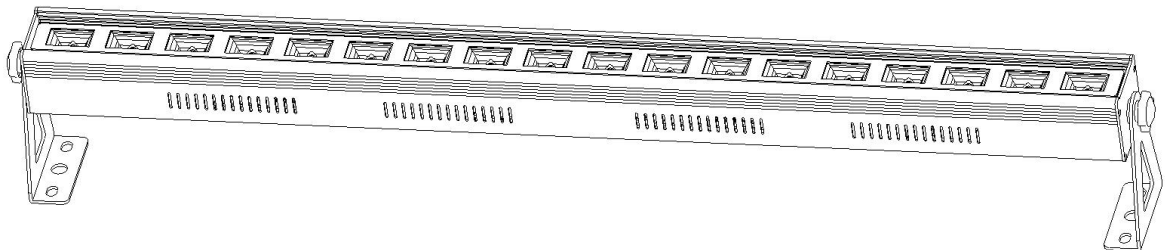
Please keep this manual for further use

Contents

Product Introduction

Thank you using our LED series products. This fixture is the latest new LED product. It has aluminum die-cast housing with nice design, international advanced electronic control technology and excellent industrial design. Product effect more rich, colorful, and color is gorgeous because of installed high output light source.

LED can realize 0-255 brightness adjustment separately by controlled built-in microprocessor which used the high precision of constant current control mode. User can invoke the built-in program, scenario editors and master-slave control mode setting by menu. Also can setting rainbow, flash frequency and electric dimmer effect.

This product has a fast response, seismic, high impact resistance, good heat dissipation, high protection grade, long using life, no radiation, high efficiency and energy saving, how energy consumption, really the green products. Fully accepted international standard DMX512 signal.

This product can be widely used for the large fixed stage, lighting background dyeing, large-scale theatrical performances, stadium lighting, temporary stage, urban lighting system, TV, conference center, professional theatre, park, dance hall, bars, small artistic performances and public lighting environment.

Packing Include

Please check if the following parts are included:

1 x LED light
1 x Power cable
1 x User manual

Caution

Before delivery, this device has passed strict inspection with good quality and perfect packing, please follow the user manual for correct installation and operation, damage caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. and we won't inform in case of further technical changes .

CAUTION!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

Warning!

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.
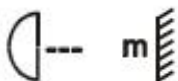
Silkscreen on light

$C\epsilon$ --**CE compliant**

--**Only indoor use**

--**RoHS Certificate**

$\lhd$--- m ----------------------**The minimum distance from lighted objects(meter)**

T_a=--- °C ---**Max. Ambient Temp**

T_B=--- °C --**Max. Housing Temp**

-- **Safety caution**

--**Careful burns**

--**electric shock caution**

----**Not suitable for directly installed on the surface of ordinary combustible materials**

1.Safety Instructions

● Please open and check whether break or not for transport once receipt this fixture, if yes, not use it and contact dealer or manufacture as soon as possible.
● The Max Ambient temperature for the light is 40°C. Do not use the light when the ambient temperature is over 40℃
● The fixture is applicable for many occasions,   it should keep clean, and avoid long use in overheating or dusty environment. prevent the fixture from the chemical liquid .
● User must be careful of fire, heat, electric and fall-off that make heavy or fatal injury. Please read this user manual carefully before power on and installation, following safety and operation instruction in it. If still have any questions, please contact dealer or manufacture.
● User must follow this user manual, do not open fixture by yourself, in case of any problems, please contact technician for repair.
● Fix the installation to avoid shack.
● Don't power on or start the fixture before installation, please stop after working more than 8 hours to extend the lifespan of the light
● The minimum distance between light and the illuminated surface must be 0.5 meter.   0.5m
● Never look directly into the light source to avoid hurt to eyes (especially epileptics)!
●   When dustproof glass at light output breaks, cracks or other visible damage, user should replace with   new glass to continue to use.

2. Installation

● When install this equipment please make sure there's no flammable surfaces (decorated things, etc) and minimum distance of 0.5M from the equipment to the flammable.

● The installation has to be built and constructed in a proper way that the rigging can hold 10 times of the light weight .

3. Specifications:
●   Power supply：AC100V-240V   50/60Hz；
●   Fuse:BGDP ∅5x20mm 250VAC T2A
●   Power consumption：70W；
●   Max load: 120V 6pcs unit; 220V 12pcs unit;
●   LED：18*3W UV LED
●   Control mode: Auto/DMX512/Master-slave/ Sound
●   Light source: high power LED, with long lifespan, high light efficiency, no radiation and low energy consumption. Etc
●   2/ 20 DMX channels；
●   IP Rate:IP20
●   Net weight: 2.0kg, Gross weight: 2.6kg
●   Inner packing size: 96*13*14cm
●   Outer packing size:98*28*32cm(4pcs/ctn)

4. LED display instruction
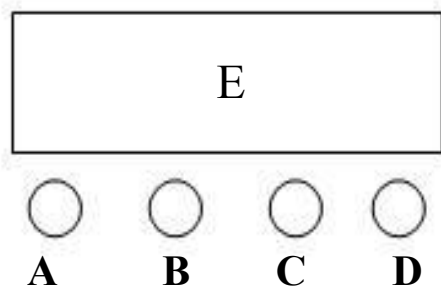
A．Function button　（MENU）
B．UP button（UP）
C．DOWN button（DOWN）
D．　Enter button（ENTER）
E．LED display

5. LED display instruction chart

	MENU	UP/DOWN	Default data	Function
1	Addr	1-512	1	Address setting
2	Chnd	20CH	20CH	20CH
		2CH 1		2CH　Mode 1
		2CH 2		2CH　Mode 2
3	ShoW	Sh 0	Sh 0	Sh 1-Sh n random show
		Sh 1		Show 1
		Sh 2		Show 2
		Sh 3		Show 3
		Sh 4		Show 4
		...		...
		Sh n		Show n
4	SPEE	1-99	90	Show speed from slow to fast
5	SoUn	ON/OFF	ON	Sound ON/OFF
6	SENS	0-99	90	Sound sensitivity
7	Ver	Ver1.0		Software version
8	*Temp*	*0°C-120°C*		*LED temperature display（when it arrives at 50°，it will open to adjust temperature*

6. DMX512 chart

2CH Mode 1

		Value	Function
CH1	Dimmer	0-255	All led dimmer 0-100%
CH2	Strobe	0-9	No function
		10-255	Strobe from slow to fast

2CH Mode 2

		Value	Function
CH1	Mode option	0-9	No function
		10-255	Show mode option
CH2	Auto speed/Sound	0-249	Auto from slow to fast
		250-255	Sound

20CH

		Value	Function
CH1	Dimmer	0-255	Dimmer 0-100%
CH2	Strobe	0-9	No function
		10-255	Strobe from slow to fast
CH3	LED-1 Dimmer	0-255	LED-1 0-100%
CH4	LED-2 Dimmer	0-255	LED-2 0-100%
CH5	LED-3 Dimmer	0-255	LED-3 0-100%
CH6	LED-4 Dimmer	0-255	LED-4 0-100%
CH7	LED-5 Dimmer	0-255	LED-5 0-100%
CH8	LED-6 Dimmer	0-255	LED-6 0-100%
CH9	LED-7 Dimmer	0-255	LED-7 0-100%
CH10	LED-8 Dimmer	0-255	LED-8 0-100%
CH11	LED-9 Dimmer	0-255	LED-9 0-100%
CH12	LED-10 Dimmer	0-255	LED-10 0-100%
CH13	LED-11 Dimmer	0-255	LED-11 0-100%
CH14	LED-12 Dimmer	0-255	LED-12 0-100%
CH15	LED-13 Dimmer	0-255	LED-13 0-100%
CH16	LED-14 Dimmer	0-255	LED-14 0-100%
CH17	LED-15 Dimmer	0-255	LED-15 0-100%
CH18	LED-16 Dimmer	0-255	LED-16 0-100%
CH19	LED-17 Dimmer	0-255	LED-17 0-100%
CH20	LED-18 Dimmer	0-255	LED-18 0-100%

7. DMX-512 controller connection

3pins XLR signal output connector
(female)

3pins XLR signal input connector
(male)

1: earth   **2 : signal -**   **3 : signal +**

8. DMX address setting

Set an address for each light, and accept the DMX signal from DMX controller, as per the demand, user can set the same address for all lights, or different address for different light.

If set several light with the same DMX starting address, all lights will accept the same DMX signal from DMX controller and work synchronously.

If set different address for each light, the light will accept signal from the DMX controller as per the DMX starting address, if use this way, user must set the DMX starting address for the light according to channel quantity of each light.

This light has 2 DMX modes: 2/20 channels, when use 2-channel mode, the 1st light has starting address 1, the 2nd light has starting address 3 (1*2+1), the 3rd light has starting address 5 (2*2+1),...; when use 20channel mode, the 1st light has starting address 1, the 2nd light has starting address 21(1*20+1), the 3rd light has starting address 41 (2*20+1).

9. Rigging and installation

1. Hook clamp

2. Handle
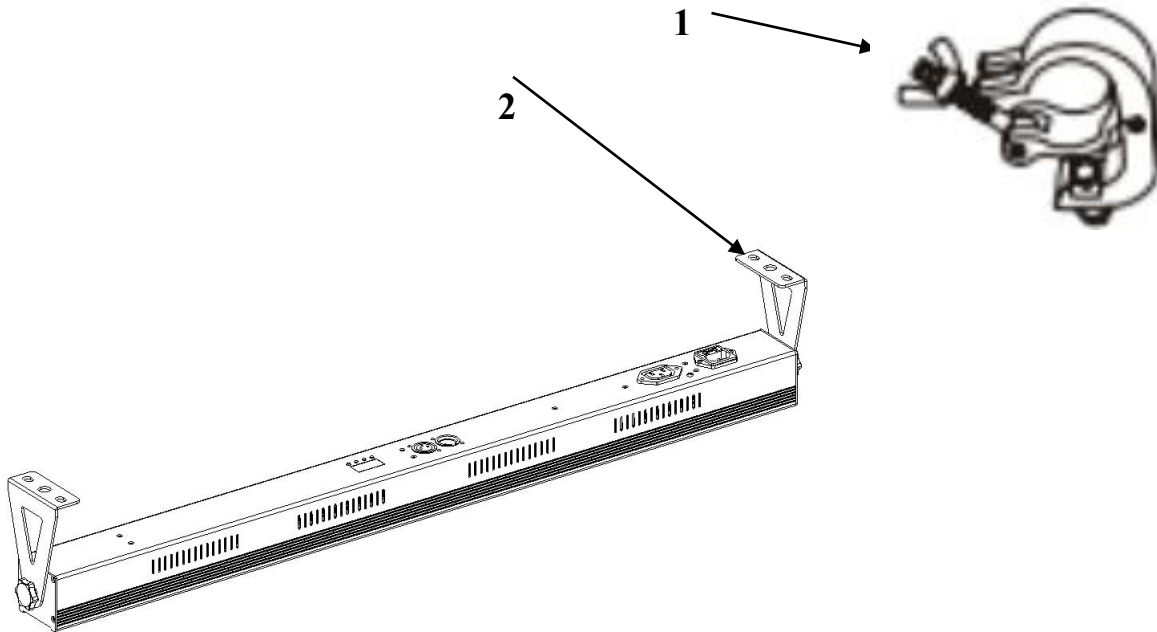
1. The light can work properly when the ambient temperature is -25~40℃, do not use the light when the ambient temperature is over 40℃ or under -25℃.

2. The installation has to be built and constructed in a proper way that the rigging can hold 10 times of the light weight .

3. Don't stand under the light when installing, disassembling, repairing or maintaining the light.

4. Please use safety chain to ensure good installation.

5. Fix the M8 screw of the hook clamp in ∅ 12.5mm hole of the light handle.

9. Light outline and dimension
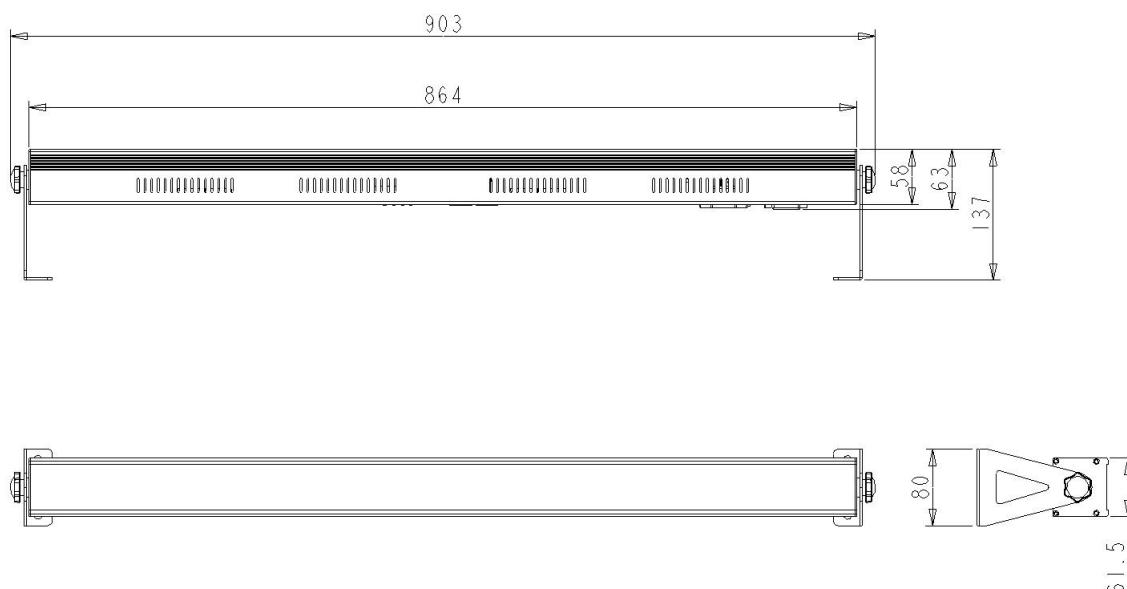
10.Cleaning and maintenance

Maintenance should be performed every 15-day period, by using a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror.
Always disconnect from the mains when the device is not in use or before cleaning it.

	Caution
	Make sure power off before cleaning and maintenance!

11.Attention

Do not look into light source directly when turn on the light, and make sure power off before do any installation or maintenance.

	Warning!
	Never look directly into the light source to avoid hurt to eyes(especially meant for epileptics)!

	Warning!
	Any power connection can be done only by technician !

Warranty　　Card

We provide 2 year warranty under the condition that user has operated the light normally and lifetime service. We won't provide warranty if the damage is caused by artificial or force majeure event. Cost of fittings should be charged by user if product need maintenance after 1 year .Please cut this warranty card and shipped it along with the product to our factory when applying for warranty.
Product：   Purchasing date：   Code of invoice：
Warranty date: From　　　　　　　To
User's name：　　　　　　　　Add：
Company：　　　　　　　　Tel：