



YELLOWRIVER
MAKE YOUR STAGE TO BE MORE EXCELLENT

Indoor Pixel control LED Bar
40pcs X3W RGB 3in1 LED
(Model:YR-LB0340T)



User Manual

Please read these instructions carefully before use

1. Security Warning

1. After receiving the light, please unpack and check whether there is any damage caused by transportation. If there is any damage caused by transportation, please do not use the light and contact the dealer or manufacturer as soon as possible.
2. This product is only suitable for indoor use. The lights with IP20 protection level should be kept dry, avoid using them in humid, overheated or dusty environments, and prevent the lights from coming into contact with water and other liquids.
3. Please do not install the light directly on the surface of ordinary combustible substances.
4. Only qualified professionals can carry out the installation, operation and maintenance of lights, and ensure that they operate strictly in accordance with the procedures described in this operating manual.
5. The light should be installed in a well-ventilated place, and the distance from the wall should be kept at least 50 cm. Please check whether the fan and ventilation holes are unobstructed.
6. Do not project the light directly on combustible objects, and keep the distance between the light and the irradiated object more than 5 meters.
7. Do not look directly at the light source of the light (especially for epilepsy patients), so as not to cause damage to the eyes!
8. Please do not open the light to repair by yourself, and do not make any modification to the structure of the light.
9. Personnel who make electrical connections must have corresponding qualifications before making modifications.
10. Before installation, please confirm that the power supply voltage you are using is consistent with the voltage marked on the light.
11. Each light should be properly grounded, and electrical installation should be carried out in accordance with relevant standards.
12. Do not connect this light to any other dimming device.
13. Do not use the power cord with damaged insulation layer, and do not overlap the power cord on other wires. When the light is not in use or for

cleaning, please take the power cord plug to pull out the power cord, do not pull it out with force Or drag the power cord directly.

14. Keep the optical system of the light clean, and do not touch the LED lens directly with your hands.

15. There is a safety rope connection hole in the middle of the light handle. For safety reasons, please pass the safety rope equipped with the light through the safety rope connection hole for auxiliary hoisting.

16. When the LED lens is severely scratched or broken, it needs to be replaced.

17. The LED light source needs to be replaced when the LED is damaged or its life is over.

18. After working for 5 minutes, the temperature of the outer surface of the light is 55°C, and after the light works stably (after constant temperature), the temperature of the outer surface of the light is 70°C.

19. There are no user-serviceable parts inside the light. Before starting to operate the light, please check whether all covers (or shells) have been installed and whether the screws have been tightened reliably. It is forbidden to open the cover (or shell) use lights.

20. If you have any questions or suggestions, please contact the dealer or the company in time.

Notice: Before any installation, maintenance and cleaning of lights, please make sure that the power has been cut off!

2. Technical parameters:

(1)power supply

Voltage: AC100V-240V 50/60HZ

Rated power: 80W

Light source: 40*3W RGB three-in-one LED multi-chip light source

Angle: 3 -5 degrees

(2)control

DMX channel: 3/4/6/7/8/12/13/24/25/60/61/120/121 channel 13 modes



合格证 Certification

产品名称: _____
Item Name

产品型号: _____
Item NO.

检验员: _____
Inspector

检验日期: _____
Inspection Date

执行标准: GB7000 · 217-2008
Implementation Standards

本产品经检验合格, 准予出厂!
This product passed the inspection

广东雅格莱灯光音响有限公司
Guangdong YaGe Lai Lighting & Audio Limited

全国电话: 400-618-4388
Tel: 400-618-4388

保修卡 Protection to Fix Card

非常感谢您使用我们的产品

1.本产品从购买日起, 正常操作使用并未经拆修, 经维修人员确认属产品质量问题, 一年内享受保修服务(其中光源为消耗品只享受三个月保修), 在作保正常情况下均提供维修。

2.保修卡应在购买时予填写, 保修卡无本公司保修章无效, 产品维修时请带保修卡。

Very thank you for using our products

1. From the date of purchase, if the product is operated correctly without disassembling and fixing, at the same time, the quality problem was confirmed by our after-sale service department, we will offer maintenance service at any time under any normal situation within one year.

2. The warranty card should be filled in at the time of purchase. The warranty card is invalid without our company's warranty seal. Please bring the warranty card when maintaining the product.

顾客姓名 Customer Name	购买日期 Purchasing Date	产品型号 Product Model	购买商 Purchaser
保修记录: Warranty record			

广东雅格莱灯光音响有限公司
Guangdong YaGe Lai Lighting & Audio Limited
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Zhoumei City, Guangdong Province
Guangdong YaGe Lai Lighting & Audio Limited

optional

Control mode: DMX512, master-slave mode, self-propelled, voice control

(3)features

Display: LED digital display

Signal connection: 3-core XLR signal input and output

Power socket: card faucet power in and out

Waterproof grade: IP20

Lifespan: 50000 hours

Color temperature correction: linear color temperature correction

6000K-7000K

Strobe: Strobe 1-25Hz

Working environment: -20°C~40°C

3. Button description



MENU UP DOWN ENTER

4. Digital display window function comparison table

Press all the functions to select and then press the D key to confirm and save

No.	Display	Function Description
1	A001	channel address code, (001-512) up and down keys to add and subtract address code value
2	3/4/6/7/8/12/13/24/25/60/61/120/121ch	channel selection, up and down keys to add and subtract (Default 8-channel mode with macro function self-propelled)

17. DMX512 121 channel description

No	Function	Description
Channel 1	General dimming	General dimming, linear dimming, from dark to bright
Channel 2	R1 dimming	R1 dimming, linear dimming, from dark to bright
Channel 3	G1 dimming	G1 dimming, linear dimming, from dark to bright
Channel 4	B1 dimming	B1 dimming, linear dimming, from dark to bright
...
Channel 119	R40 dimming	R40 dimming, linear dimming, from dark to bright
Channel 120	G40 dimming	G40 dimming, linear dimming, from dark to bright
Channel 121	B40 dimming	B40 dimming, linear dimming, from dark to bright

18. Troubleshooting

Below are some common problems that may arise during operation, and here are some suggestions for easy troubleshooting:

Fault description	take countermeasures
light cannot start normally	> Check if the fuse is blown.
	> Check the state of the fuses.
The light can emit light normally, but it is out of control	> Check whether the DMX initial address code of the light is set correctly
	> Check whether the signal line is damaged
Luminaire runs intermittently	> Check if the fan is working properly or if there is a lot of dust
The light is dim and the brightness drops significantly	> Check whether the light source has reached the end of its service life.
	> Check that the external and internal optics are clean

15. DMX512 61 channel description

No	Function	Description
Channel 1	General dimming	General dimming, linear dimming, from dark to bright
Channel 2	1-2 R dimming	R dimming, linear dimming, from dark to bright
Channel 3	1-2 G dimming	G dimming, linear dimming, from dark to bright
Channel 4	1-2 B dimming	B dimming, linear dimming, from dark to bright
...	...	Every 2 one pixel
Channel 59	39-40 R dimming	R dimming, linear dimming, from dark to bright
Channel 60	39-40 G dimming	G dimming, linear dimming, from dark to bright
Channel 61	39-40 B dimming	B dimming, linear dimming, from dark to bright

16. DMX512 120 channel description

No	Function	Description
Channel 1	R1 dimming	R1 dimming, linear dimming, from dark to bright
Channel 2	G1 dimming	G1 dimming, linear dimming, from dark to bright
Channel 3	B1 dimming	B1 dimming, linear dimming, from dark to bright
...
Channel 118	R40 dimming	R40 dimming, linear dimming, from dark to bright
Channel 119	G40 dimming	G40 dimming, linear dimming, from dark to bright
Channel 120	B40 dimming	B40 dimming, linear dimming, from dark to bright

3	R000	Red color selection, (000-255) up and down keys to modify the color value
4	G000	Green color selection, (000-255) up and down keys to modify the color value
5	B000	blue color selection, (000-255) up and down keys to modify the color value
6	F000	strobe, (000-255) up and down keys to modify the strobe speed
7	CC01	colorful jump, (01-15) up and down keys to modify the jump speed
8	dE01	colorful gradient, (01-15) up and down keys to modify the gradient speed
9	CP01	Colorful pulse change, (01-15) up and down keys to modify pulse change speed
10	CL01	Combination of colors, up and down keys to modify the color (01-07) static color (08-15) Color pulse change, confirm key to modify the pulse change speed (SP01-15) from slow to fast
11	E1-1	color flow effect Shangjian modified flowing water effect (E1-EF), a total of 15 effects to choose from Click below to modify the color of running water (1-8), a total of 8 color effects OK key to modify the effect speed (SP01-15) from slow to fast
12	SUd1	voice control effect, (1-3) a total of 3 voice control effects, up and down keys to modify the voice control effect

Enter key to modify voice-activated running speed (SE01-15) from slow to fast

5. DMX512 3 channel description

No.	Function	Description
Channel 1	R dimming	R dimming, linear dimming, from dark to bright
Channel 2	G dimming	G dimming, linear dimming, from dark to bright
Channel 3	B dimming	B dimming, linear dimming, from dark to bright

6. DMX512 4 channel description

No.	Function	Description
Channel 1	General dimming	General dimming, linear dimming, from dark to bright
Channel 2	R dimming	R dimming, linear dimming, from dark to bright
Channel 3	G dimming	G dimming, linear dimming, from dark to bright
Channel 4	B dimming	B dimming, linear dimming, from dark to bright

7. DMX512 6 channel description

No	Function	Description
Channel 1	Left R dimming	Left R dimming, linear dimming, from dark to bright
Channel 2	Left G dimming	Left G dimming, linear dimming, from dark to bright
Channel 3	Left B dimming	Left B dimming, linear dimming, from dark to bright
Channel 4	Right R dimming	Right R dimming, linear dimming, from dark to bright
Channel 5	Right G dimming	Right G dimming, linear dimming, from dark to bright
Channel 6	Right B dimming	Right B dimming, linear dimming, from dark to bright

13. DMX512 25 channel description

No	Function	Description
Channel 1	General dimming	General dimming, linear dimming, from dark to bright
Channel 2	1-5 R dimming	R dimming, linear dimming, from dark to bright
Channel 3	1-5 G dimming	G dimming, linear dimming, from dark to bright
Channel 4	1-5 B dimming	B dimming, linear dimming, from dark to bright
...	...	Every 5 one pixel
Channel 23	36-40 R dimming	R dimming, linear dimming, from dark to bright
Channel 24	36-40 G dimming	G dimming, linear dimming, from dark to bright
Channel 25	36-40 B dimming	B dimming, linear dimming, from dark to bright

14. DMX512 60 channel description

No	Function	Description
Channel 1	1-2 R dimming	R dimming, linear dimming, from dark to bright
Channel 2	1-2 G dimming	G dimming, linear dimming, from dark to bright
Channel 3	1-2 B dimming	B dimming, linear dimming, from dark to bright
...	...	Every 2 one pixel
Channel 58	39-40 R dimming	R dimming, linear dimming, from dark to bright
Channel 59	39-40 G dimming	G dimming, linear dimming, from dark to bright
Channel 60	39-40 B dimming	B dimming, linear dimming, from dark to bright

11. DMX512 13 channel description

No.	Function	Description
Channel 1	General dimming	General dimming, linear dimming, from dark to bright
Channel 2	1-10 R dimming	R dimming, linear dimming, from dark to bright
Channel 3	1-10 G dimming	G dimming, linear dimming, from dark to bright
Channel 4	1-10 B dimming	B dimming, linear dimming, from dark to bright
...	...	Every 10 one pixel
Channel11	31-40 R dimming	R dimming, linear dimming, from dark to bright
Channel12	31-40 G dimming	G dimming, linear dimming, from dark to bright
Channel13	31-40 B dimming	B dimming, linear dimming, from dark to bright

12. DMX512 24 channel description

No	Function	Description
Channel 1	1-5 R dimming	R dimming, linear dimming, from dark to bright
Channel 2	1-5 G dimming	G dimming, linear dimming, from dark to bright
Channel 3	1-5 B dimming	B dimming, linear dimming, from dark to bright
...	...	Every 5 one pixel
Channel 4	36-40 R dimming	R dimming, linear dimming, from dark to bright
Channel 5	36-40 G dimming	G dimming, linear dimming, from dark to bright
Channel 6	36-40 B dimming	B dimming, linear dimming, from dark to bright

8. DMX512 7 channel description

No.	Function	Description
Channel 1	General dimming	General dimming, linear dimming, from dark to bright
Channel 2	Left R dimming	Left R dimming, linear dimming, from dark to bright
Channel 3	Left G dimming	Left G dimming, linear dimming, from dark to bright
Channel 4	Left B dimming	Left B dimming, linear dimming, from dark to bright
Channel 5	Right R dimming	Right R dimming, linear dimming, from dark to bright
Channel 6	Right G dimming	Right G dimming, linear dimming, from dark to bright
Channel 7	Right B dimming	Right B dimming, linear dimming, from dark to bright

9. DMX512 8 channel description

No.	Function	Description
Channel 1	General dimming	General dimming, linear dimming, from dark to bright
Channel 2	Total strobe	Total strobe, from slow to fast
Channel 3	function selection	0-9 no effect 10-19 static colors, the color is selected by the 5th channel 20-29 color pulse change, the color is selected by the 5th channel 30-39 color jump 40-49 color gradient 50-59 color fade in and jump 60-69 effect run 1, choose the color by the 5th channel

		70-79 effect run 2, choose the color by the 5th channel
		80-89 effect run 3, choose the color by the 5th channel
		90-99 effect running 4, the color is selected by the 5th channel
		100-109 effect running 5, the color is selected by the 5th channel
		110-119 effect running 6, the color is selected by the 5th channel
		120-129 effect running 7, the color is selected by the 5th channel
		130-139 effect running 8, the color is selected by the 5th channel
		140-149 effect run 9, choose the color by the 5th channel
		150-159 effect running 10, the color is selected by the 5th channel
		160-169 effect running 11, choose the color by the 5th channel
		170-179 effect running 12, the color is selected by the 5th channel
		180-189 effect running 13, the color is selected by the 5th channel
		190-199 effect running 14, the color is selected by the 5th channel
		200-209 sequentially effect running 1-14, the color is selected by the fifth channel
		210-219 voice control effect 1, the running speed is modified by the fifth channel
		220-229 voice control effect 2, modify the running speed by the 5th channel

		230-255 voice control effect 2, the running speed is modified by the 5th channel
Channel 4	Function speed	Function speed, from slow to fast
Channel 5	Functional color.	5CH:Function color,select combination,static color 0-29 Red ;30-59 Green ;60-89 Blue; 90-119 Red Green ;120-149- Red blue; 150-179 Green blue ;180-209 Red green Blue; 210-255 Automatic color change.
Channel 6	R dimming	R dimming, linear dimming, from dark to bright
Channel 7	G dimming	G dimming, linear dimming, from dark to bright
Channel 8	B dimming	B dimming, linear dimming, from dark to bright

10. DMX512 12 channel description

No	Function	Description
Channel 1	1-10 R dimming	R dimming, linear dimming, from dark to bright
Channel 2	1-10 G dimming	G dimming, linear dimming, from dark to bright
Channel 3	1-10 B dimming	B dimming, linear dimming, from dark to bright
...	...	Every 10 one pixel
Channel 10	31-40 R dimming	R dimming, linear dimming, from dark to bright
Channel 11	31-40 G dimming	G dimming, linear dimming, from dark to bright
Channel 12	31-40 B dimming	B dimming, linear dimming, from dark to bright