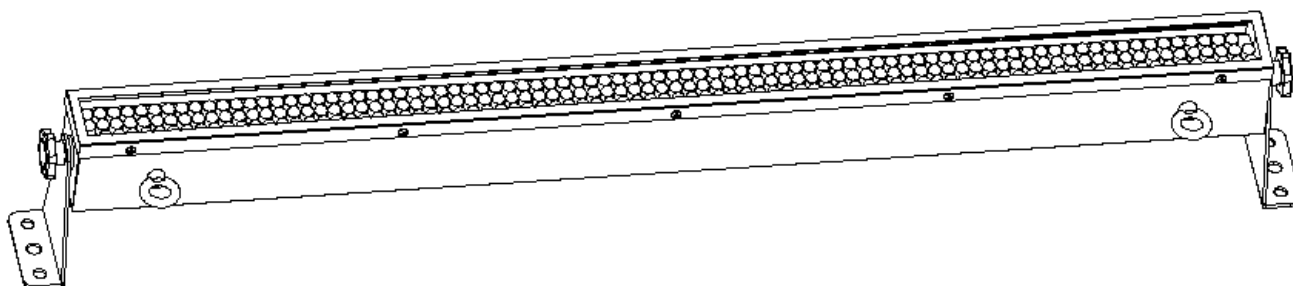# LED LIGHT BAR PLUS

IRDW-12561A3-00D-12

User Manual

⚠️

Please read this manual before your use and keep it for your future reference.

Note:

Please use to avoid any caustic and resolvable chemistry for the fixture.

The operation temperature is below 40℃ ,humidity is 0~95％. If you use it out of this range, the fixtures lifespan will be shortened.

Indoor use only

Caution:

You must use the same input voltage as per our instruction. Voltage in ±10％ is allowed.
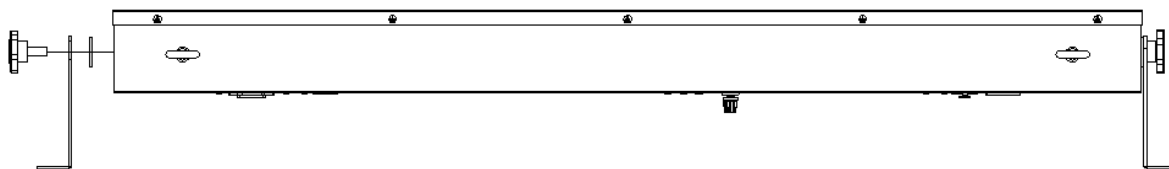
If there are any problems with the fixture, please call the engineer for repair. Do not open the fixture by yourself.

Technical Specification：

1. Votage: 110-120V 60HZ

2. Power: 23W

3. Fuse：2A/125V

4. Light Source：￠10 RGBA LED each 64pcs

5. Fuction: DMX, Auto, Sound; Master/Alone

Product Dimensions: (mm)

Product installation diagram：
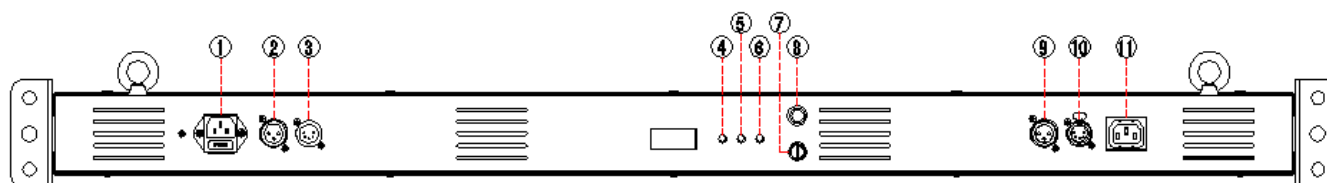

Package information

- IRDW-12561A3-00D-12 LED Light Bar Plus--- 1pc
- User manual --1pc

Operation Instruction：

Product introduction

IRDW-12561A3-00D-12 is a LED Wall washer with 64 each of 10mm RGBA LED's. The functions are: DMX, Audio, Auto, Master / Slave, and linkable. The features are: color change, dimming, Strobe, and Fade effect. This LED Wash is especially suitable for the wash of Home Party and Entertainment purposes. It is also easy to operate and install.
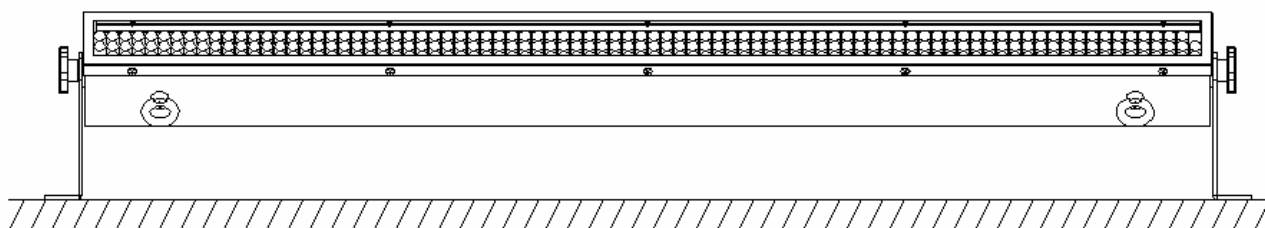
Back View:

1. Power input / FUSE;   2. 3P DMX Input;   3. 5P DMX Input;   4. UP; 5. DOWN;   6.MENU; 7. Sensitivity;   8. MIC;
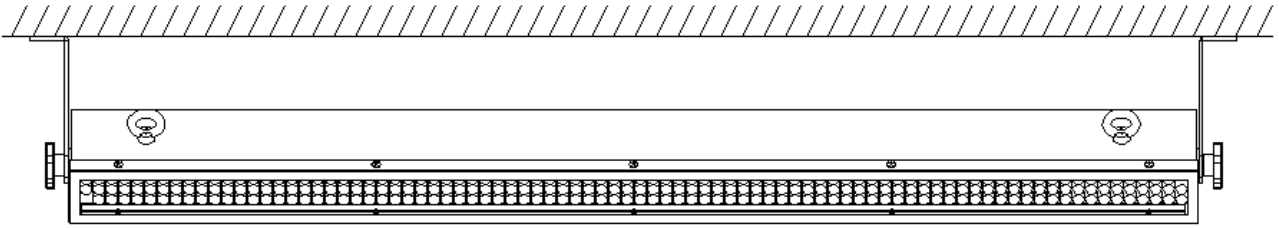9. 3P DMX Output;   10. 5P DMX Output; 11. Power Output

Installation:
This fixture can be stood on a flat surface or hang from the wall or ceiling. Please insure that the screws are secured properly to avoid any accident occurring.
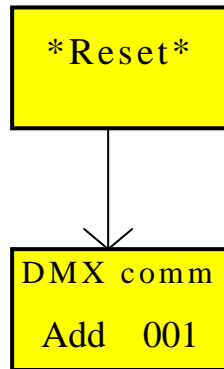
a) Flat surface installation

b) Hanging installation

Function:

1. Back Up

When the fixture is powered up, the system will be back up to the original setting. The display will show the information below. After 2 seconds, the fixture will return to your last working mode. E.G.: When you set up the mode to be DMX and the address is 1 before the power is shut off, the power will show the same display.

```
*Reset*
```

```
DMX comm
Add   001
```

2. Mode

a) DMX mode & Address setting:

Press and hold the "**MENU"** button until the mode is changed to the DMX mode then remove your finger; the working mode will be changed to the DMX mode automatically. Also you can change the DMX address by pressing the "**UP" or** "**DOWN" Button**. If you press and hold the "**UP" or** "**DOWN"** button, the DMX address will change rapidly. The address DMX range is from 001 to 512.

| DMX comm Add XXX | → | DMX 1seg Add XXX | → | DMX 2seg Add XXX | → | DMX 4seg Add XXX | → | DMX 8seg Add XXX |

Parameter Explanation:

DMX comm Add XXX (001~512): DMX working mode , address set from 001 to 512 , please see the below chat.

DMX 1seg Add XXX (001~512): If you want to control only 1 segment on the fixture, there are 4 colors (RGBA) in each segment, total of 4 channels. The address is from 001 to 512.

DMX 2seg Add XXX (001~512): If you want to control only 2 segment on the fixture, there are 4 colors (RGBA) in each segment, total of 8 channels, the address is from 001 to 512.

DMX 4seg Add XXX (001~512): If you want to control only 4 segment on the fixture, there are 4 colors (RGBA) in each segment, total of 16 channels, the address is from 001 to 512.

DMX 8seg Add XXX (001~512): If you want to control only 8 segment on the fixture, there are 4 colors(RGBA) in each segment, total in 32 channels, the address is from 001 to 512.
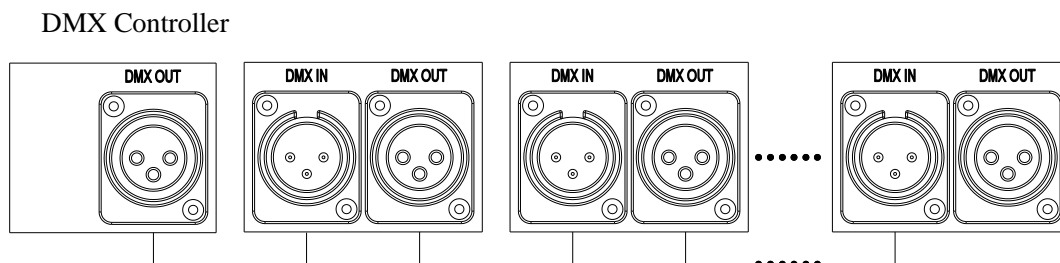
b) DMX Function Chart :

CH1	CH2	CH3	CH4	CH5	CH6
0~50 Black Out	NA	NA	NA	NA	NA
51~100 Dimmer	Flash	All Red	All Green	All Blue	All Amber
101~150 Color Flash	Flash	Color	NA	NA	NA
161~200 Color Change	Speed	NA	NA	NA	NA
201~255 Dream Flow	Speed	Fade	0~29 Program 1	NA	NA
			30~59 Program2		
			60~89 Program3		
			90~119 Program4		
			120~149 Program5		
			150~179 Program6		
			180~209 Program7		
			210~255 Program8		

c) DMX Connector Pin :

Male & Female DMX connector pin: Pin1 = GND   Pin2 = DMX-   Pin3 = DMX+

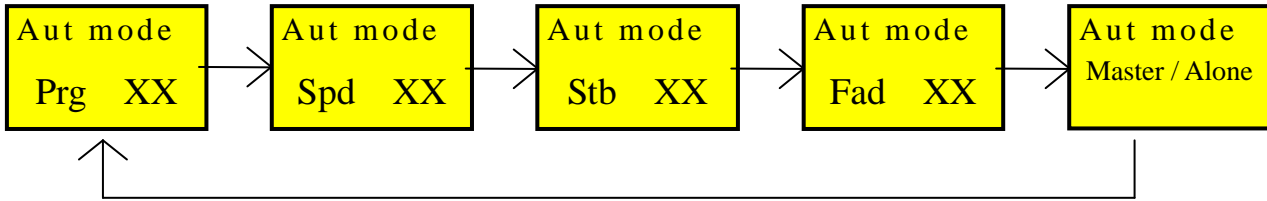**d) DMX Linking Method :**

DMX Controller

DMX Linking Test: Use a 3pin DMX linking cable to link the fixture accordingly. Set the first fixture to DMX mode and address, and then set the receipt address the same. (The address code range: 001-512). When you link the fixture in DMX mode, all of the machine will work synchronously.

3. Auto Mode

（I）Auto mode working:

Press and hold the "**MENU"** button until the mode is changed to the Auto ode then remove your finger; the working mode will be changed to the Auto mode automatically. Press the "**MENU**" button to choose the different code. Please see the picture as below, then press the "**UP**" or "**DOWN**" button to change the code. If you hold the "**UP**" or "**DOWN**" button the code will change rapidly.

Aut mode Prg XX	→	Aut mode Spd XX	→	Aut mode Stb XX	→	Aut mode Fad XX	→	Aut mode Master / Alone

Code specification:

Prg XX (01~09): Choose the internal program. There are 9 internal programs for you to choose from.

Spd XX (01~10): Choose the speed of the internal program. There are 10 speed steps to choose from. 01 is the fastest speed and 10 is the slowest speed.

Stb XX (00~10): Choose the strobe speed of the internal program. There are 10 speed steps to choose from. 01 is the fastest speed and 10 is the slowest speed.
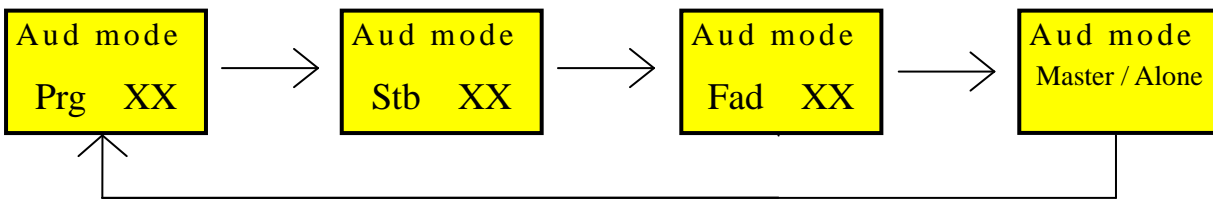
Fad XX (00~10): Choose the fade term of the internal program. There are 10 fade steps to choose from. 01 is the fastest fade and 10 is the slowest fade.

Master/Alone: Choose "Master" please press "UP". Choose "Alone" please press "DOWN". In Master state the Master can send data as the master. While in the Alone state, it works independently, will not send any data.

Note: **Note**: If you set up the strobe and fade together, the flash will be in the priority. If the Stb is not 0, Even Fad is not 0, the fixture will run the flash not fade program.

（II） Sound Control:

Press and hold the "**MENU"** button until the mode is changed to the **Audio** mode then remove your finger; the working mode will be changed to the Audio mode automatically. Press "**MENU**" to change the code as below, and then press "**UP**" or "**DOWN**" button to change the code. By holding the "**UP**" or "**DOWN**" button, the code will change rapidly.

Aud mode Prg XX	→	Aud mode Stb XX	→	Aud mode Fad XX	→	Aud mode Master / Alone

Code specification:

Prg XX (01~09): Choose the internal program. There are 9pcs internal programs.

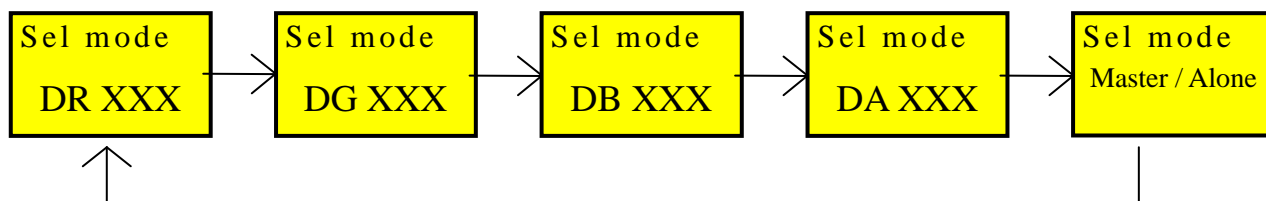**Stb XX (01~10):** Choose the Strobe steps of the internal program.

Fad XX (01~10): Choose the fade term of the internal program. There are 10 fade steps for your choice. 01 is the fastest fade and 10 is the slowest fade.

Master/Alone: Choose "Master" please press "UP". Choose "Alone" please press "DOWN". In Master state it can send the data as the master. While in the Alone state, it works independently, will not send any data.

Note: If you set up the strobe and fade together, the flash will be in the priority. If the **Stb** is not 0, Even Fad is not 0, the fixture will run the flash not fade program. The audio sensitivity can be adjusted through the knob. To clockwise turn the knob, the fixture will be more sensitivity for the audio.

（II）Brightness adjustment by Manual:

Press and hold the "**MENU"** button until the mode is changed to the **Sel** mode then remove your finger; the working mode will be changed to the Color mode automatically. Press "**MENU**" to change the code as below, and then press "**UP**" or "**DOWN**" button to change the code. By holding the "**UP**" or "**DOWN**" button, the code will change rapidly.

Sel mode DR XXX	→	Sel mode DG XXX	→	Sel mode DB XXX	→	Sel mode DA XXX	→	Sel mode Master / Alone

Code specification:

DR XX (000~255): Red luminance setting**,** 000 is blackout, 255 is the most brightness.

DG XX (000~255): Green luminance setting, 000 is blackout, 255 is the most brightness

DB XX (000~255): Blue luminance setting, 000 is blackout, 255 is the most brightness

DA XX (000~255): Amber luminance setting, 000 is blackout, 255 is the most brightness

Master/Alone: Choose "Master" please press"UP". Choose "Alone" please press "DOWN". In Master state it can send the data as the master. While in the Alone state, it works independently, will not send any data.

Auto Online Function : The fixture under Auto, Audio or color mode, if the Master/Alone is set in Master, the fixture can run program online synchronous.

Trouble Shooting：

Problems	Check list	Trouble Shooting
The machine does not work.	1. Is your power the same as the input of the machine? 2. Is the fuse was blown?	1. Make sure the voltage is correct. 2. Replace the same fuse.
LED dimmed	1. Is your power the same as the input of the machine?	1. Make sure the voltage input is correct.
No Audio	1. Is the unit set in Audio mode? 2. Is Audio sensitivity weak?	1. Change to Audio mode. 2. Adjust the sensitivity clockwise to enlarge the audio signal reception.
No DMX input	1．Is the polarity is opposite in the DMX controller? 2．Is the unit set in DMX mode?	1．Correct the DMX polarity. 2．Change to the DMX mode.