LED BAR 252 RGB

Owner's Manual

LED BAR RGB

STAIRVILLE

Thank you for choosing one of our LED bars. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your LED bar for years to come. Please keep the manual for your future reference.

1. Cautions

For your own safety you must read this section in full first!

- Please do not connect the power when the fixture is still in the box.
- Please do not connect the power before the installation. The fixture must be linked to the earth wire.
- If you meet a problem for this fixture, please contact our service for help. Do not open the fixture by yourself.
- Please use the fixture only with the input voltage stated in these instructions.
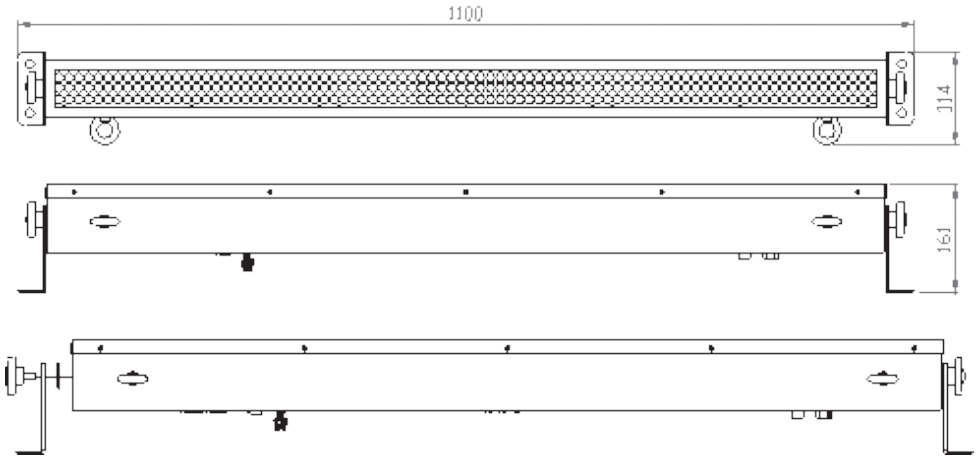
Danger of electric shock or burns

- Keep this device dry. For inside use only. Not designed for outside use.
- For the 230V models, use 3-prong grounded electrical outlet only. Prior to use take care to determine that the unit is installed at the rated voltage.
- Turn off and unplug your LED bar when not in use.
- This LED bar is not water-or splash proof. If moisture or water gets inside the housing, immediately unplug the unit and contact a service technician before using it again.
- No user serviceable parts inside. Refer to your dealer or other qualified service personnel.
- For adult use only. Electric devices must be installed out of the reach of children.
- Never leave the unit running unattended.

2. Package information

- STAIRVILLE LED BAR RGB LED BarLight: 1 x
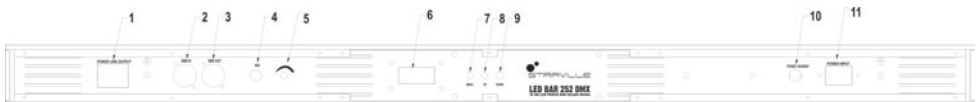- User manual: 1 x

3. Dimensions

4. Operation Instruction

Product introduction

STAIRVILLE LED BAR RGB is a LED Wall washer using 84 RGB LED. The functions available are DMX, Audio and Auto, and Master / Slave linkable. It can make the color change, dimming, Strobe, Fade effect. It's an easy to operate, inexpensive, and easy to install LED Wash, especially suitable for the wash of Home Party and Entertainment place.
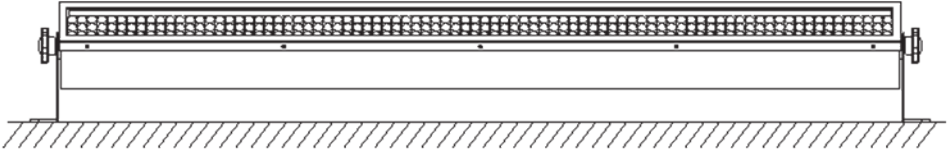
Rear view:

1. POWER LINK OUTPUT
2. DMX FEMALE SOCKET
3. DMX MALE SOCKET
4. MIC
5. AUDIO SENSITIVITY
6. LCD DISPLAY
7. TOUCH SWITCH "MENU"
8. TOUCH SWITCH "UP"
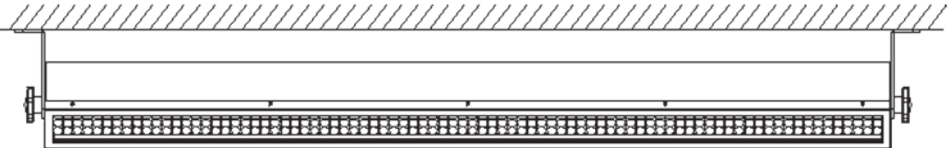9. TOUCH SWITCH "DOWN"
10. FUSE
11. POWER INPUT

Installation

<u>Methods:</u> This fixture can be set up on the flat surface or hanged on the wall or under a ceiling. If you want to hang it, please be sure that you will fix the screw to the wall or ceiling very closely to avoid any problem.

a) Flat surface installation

b) Hanging installation

5. Functions

Back Up

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

```
*RESET*
```

↓

```
DMX mode

Add 001
```

Slave Mode

a) DMX mode & Address setting:

Hold the button "MENU" until the mode was changed to the DMX mode, loose you finger, then the working mode will be changed to the DMX mode automatically. Also you can change the DMX address to press "UP" or "DOWN" button. If you hold the button of "UP" or "DOWN", then the DMX address will be changed rapidly. The address range is from 001 to 512.
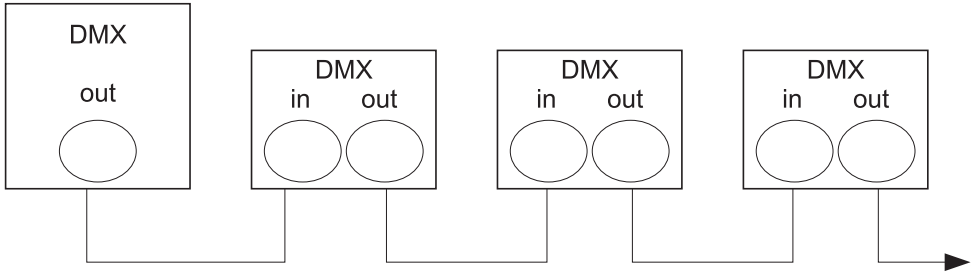
```
DMX mode

Add 001
```

b) DMX connector pin:

Male & Female DMX connector pin:

Pin1 = Gnd　　Pin2 = DMX-　　Pin3 = DMX+
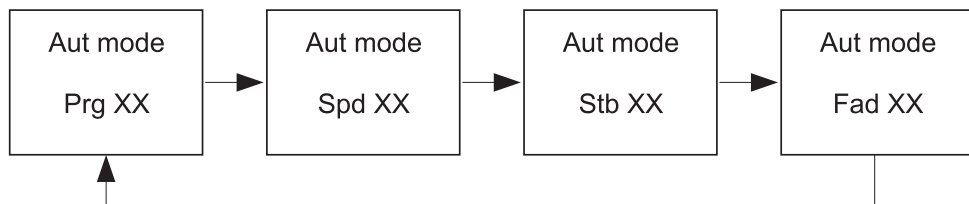
c) DMX Linking method:

d) DMX function chart

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11
0~40 Black Out	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41~80 3 Segment Mode	Shutter	Red1	Green1	Blue1	Red2	Green2	Blue2	Red3	Green3	Blue3
81~120 1 Segment Mode	Shutter	All Red	All Green	All Blue	NA	NA	NA	NA	NA	NA
121~160 Color Shutter	Shutter	Color	NA	NA	NA	NA	NA	NA	NA	NA
161~200 Color Change	Speed	NA	NA	NA	NA	NA	NA	NA	NA	NA
200~240 Color Flow	Speed	NA	NA	NA	NA	NA	NA	NA	NA	NA
241~255 Dream Flow	Speed	Fade	NA	NA	NA	NA	NA	NA	NA	NA

DMX Linking test: use 3pin DMX linking cable to link the fixture accordingly. Each fixture will be setting up to DMX mode and the receipt address will set up in the same. (The address code range: 001-512). When you link the fixture at DMX mode, all of the machine will be worked synchronously.

(I) Auto mode working:

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

Aut mode Prg XX	→	Aut mode Spd XX	→	Aut mode Stb XX	→	Aut mode Fad XX

Code specification:

Prg XX(01~08): Choose the internal program. There are 8pcs internal programs.

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

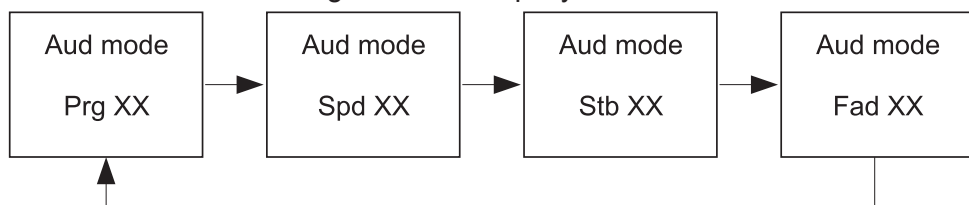**Stb XX(01~10):** Choose the Strobe steps of the internal program.

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.

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) Audio mode working:

Hold the button "**MENU**" until the mode was changed to the Audio mode, loose you finger, then the working mode will be changed to the Audio mode automatically. Press "**MENU**" to change the code as below, then press "**UP**" or "**DOWN**" button to change the code. If you hold the button "**UP**" or "**DOWN**" to change the code rapidly.

Aud mode Prg XX	→	Aud mode Spd XX	→	Aud mode Stb XX	→	Aud mode Fad XX

Code specification:

Prg XX(01~08):   Choose the internal program. There are 8pcs internal programs.

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

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.

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. If you turn the knob clockwise, the fixture will be more sensitivity for the audio.

Linking Function: The fixture will work synchronously at Auto or Audio mode.

6. Troubleshooting

Problem	Check list	Trouble Shooting
The machine does not work	1. Unit is not connected to the mains. 2. Fuse has blown.	1. Connect the unit to the mains. 2. Disconnect the unit from the mains and replace the fuse.
No audio control	1. Unit is not in Audio mode. 2. Audio sensitivity is weak.	1. Change to audio mode. 2. Adjust the sensitivity clockwise to enlarge the audio signal reception.
No DMX input	1. The polarity is opposited in the DMX controller. 2. Unit is not in DMX mode.	1. Correct the DMX polarity. 2. Change to the DMX mode.

7. Technical Specification

1. Voltage: AC120V 60HZ/240V 50HZ
2. Power: 30W
3. Fuse: 1A/250V
4. Light Source: 10 RGB LED each 84pcs
5. Function: DMX, Auto, Sound, M/S Linking
6. DMX Channel: 11 CH
7. Size (LxWxH):   1100 x 114 x 161 mm
8. Net Weight: 4.5 kgs

As we continuously strive to improve our products, all specifications and appearance are subject to change without prior notice.

8. Disposal

Do not dispose of the device at the end of his operating life in your normal domestic waste. This device is subject to the European Guidelines 2002/96/EC.

- Have the product disposed of by a professional disposal company of by your communal disposal facility.
- Observe the currently applicable regulations. In case of doubt contact your disposal facility.
- Dispose of packaging materials in an environmentally responsible manner.

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