

User Manual

LED indoor bar with pixel control (RGBW)



----- 2016 Ver1.1 -----

Introduction

Unpacking: Thank you for purchasing the LED Slimbar1841 pixel. Every unit has been thoroughly tested and shipped in perfect condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without any warning.

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit for future reference.

Features

- Multi-Colors
- Color Strobe
- Electronic Dimming 0-100%
- Master/Slave synchronization
- LED operation menu
- DMX-512 protocol

- Daisy Chain Units together in DMX Mode
- With individual control

Safety Precautions

- Be sure that the local power outlet match that of the required voltage for your unit,
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are user serviceable parts inside.
- Never operate this unit when its rear cover is removed.
- Never plug this unit into a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- During long periods of non-use, disconnect the units main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning unit should be cleaned only as recommended by the manufacturer. See 'Cleaning' for details.
- Heat –The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The unit should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the appliance.
 - C. The appliance has been exposed to rain or water.
 - D. The appliance does not appear to operate normally or exhibits s marked change in performance.

DMX Linking: To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a unit is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Operating Instructions

Operating Modes: You can use the unit in 3 ways:

- Auto Mode-The unit will automatically chase through the different colors.
- DMX control mode – This function will allow you to control each individual units traits with a standard DMX 512 controller.
- Master-slave mode – One unit will work as the master in the one of the above three modes, other units in the chain will work in synchronization towards the master.

DMX Mode: Operating through a DMX controller give the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your units as spot lights.

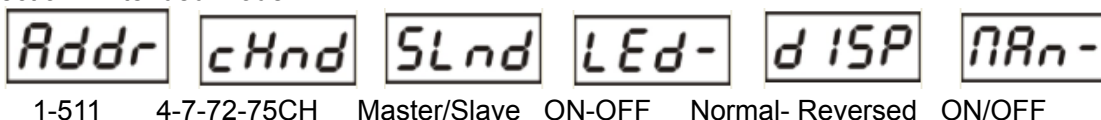
1. This function will allow you to control each individual unit's traits with a standard DMX 512 controller.
2. The unit 4/7/72/75 DMX channels mode to operate. Please see "DMX channels/function/ description/ value" for the DMX traits.
3. To run your unit in DMX mode, plug in the unit via the XLR connections to any standard DMX controller. Set your desired DMX address following the setup specifications that come with your DMX controller.

Main Control Menu

The control board on the fixture base is your interface to access and control all functions on the unit, Its digital display gives you a code vide of functions and options as below:



DMX Address Channel Mode Control Mode Display Light Display
Direction Extended mode



Display Menu

Main Menu	Submenu	Functions
<i>Addr</i>	<i>ADD 1</i>	DMX Address
<i>cHnd</i>	<i>-4CH</i>	4 Channels model
	<i>-7CH</i>	7Channels model
	<i>72CH</i>	72 Channels model
	<i>75CH</i>	75 Channels model
<i>SLnd</i>	<i>MAST</i>	Master
	<i>SLAVE</i>	Slave
<i>LED-</i>	<i>-on-</i>	Digital display light is keeping ON
	<i>-off</i>	Digital display light is OFF after 30s
<i>dISP</i>	<i>dISP</i>	Normal display
	<i>dSIP</i>	Reversed display
<i>nan-</i>	<i>-on-</i>	Show channels
	<i>-off</i>	Hide channels

LED Slimbar 1841 pixel Mode 4CH

DMX Channel	Function	Description	Value
1	LED Color	Red LED intensity	0-255
2	LED Color	Green LED intensity	0-255
3	LED Color	Blue LED intensity	0-255
4	LED Color	White LED intensity	0-255

LED Slimbar 1841 pixel Mode 7CH

DMX Channel	Function	Description	Value
1	Dimmer	Dimmer Off to Full	0-255
2	Strobe	Strobe(slow to fast)	0-255
3	Macro	Built-in programs	0-255
4	LED Color	Red LED intensity	0-255
5	LED Color	Green LED intensity	0-255
6	LED Color	Blue LED intensity	0-255
7	LED Color	White LED intensity	0-255

LED Slimbar 1841 pixel Mode 72CH

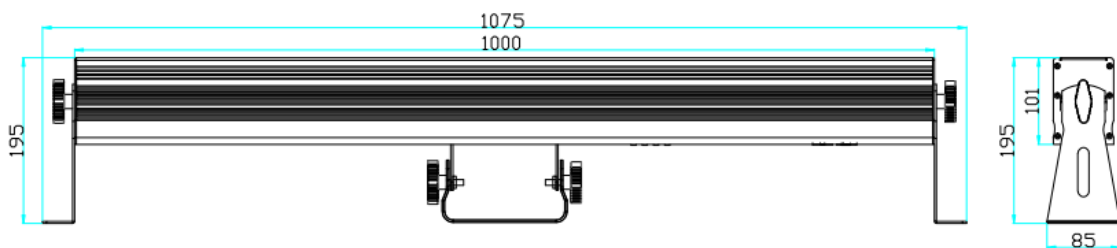
DMX Channel	Function	Description	Value
1	LED Color	1 st Red LED intensity	0-255
2	LED Color	1 st Green LED intensity	0-255

3	LED Color	1 st Blue LED intensity	0-255
4	LED Color	1 st White LED intensity	0-255
*****	*****	*****	*****
69	LED Color	18 th Red LED intensity	0-255
70	LED Color	18 th Green LED intensity	0-255
71	LED Color	18 th Blue LED intensity	0-255
72	LED Color	18 th White LED intensity	0-255

LED Slimbar 1841 pixel Mode 75CH

DMX Channel	Function	Description	Value
1	Dimmer	Dimmer Off to Full	0-255
2	Strobe	Strobe(slow to fast)	0-255
3	Macro	Built-in programs	0-255
4	LED Color	1 st Red LED intensity	0-255
5	LED Color	1 st Green LED intensity	0-255
6	LED Color	1 st Blue LED intensity	0-255
7	LED Color	1 st White LED intensity	0-255
*****	*****	*****	*****
72	LED Color	18 th Red LED intensity	0-255
73	LED Color	18 th Green LED intensity	0-255
74	LED Color	18 th Blue LED intensity	0-255
75	LED Color	18 th White LED intensity	0-255

Drawing size(mm)



Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe off the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the unit operates (i.e. smoke, fog residue, dust, dew).

Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly (pin 3 is “hot”; on Some other DMX devices pin 5 may be “hot”). Also, check that all cables are connected to the right connectors; It does matter which way the inputs and outputs are connected.

Specifications

Power: 200W

Working Position: Any safe working position
Voltage: 90-250V / 50~60Hz
Power: 200W

**LED Lamp : Tianxin high power LEDs:
4in1(RGBW) 10*18pcs**

DMX Channel: 4/7/72/75 channel mode
Lens angle: 25degree
Protection rating: IP20
RGBW color mixing and individual control
Net Weight: 8kgs/unit
Inner box for one unit: 1090*180*230mm
Master box for two units: 1110*370*260mm
Warranty: **1 Year**

感谢您选购我们的LED 灯。每一款灯都经过了严格的测试。请检查灯体在运输过程中是否遭到损坏。如果发现零部件缺损，请事先联系经销商或厂家。请不要在没有任何通知的情况下擅自退回产品！

警告：为了避免雷击和火灾的危险性，请不要将此灯放置于潮湿等环境下工作。不要私自拆卸，否则厂家将不予保修承诺。灯体发生故障后，请先与经销商或厂家取得联系。

注重环保，做到包装纸箱的再循环利用！

基本说明：

为了更好的使用此产品，请务必仔细阅读本手册，熟悉各项安全使用规则和维护方法。

特点：

Features

- 混色
- 彩色频闪
- 电子调光0-100 %
- DMX – 512协议
- 主/从同步模式
- 带功能按钮LED工作菜单
- 菊花链DMX

安全警告：

- 为了避免雷击和火灾的危险性，请不要将此灯放置于潮湿的环境
- 避免水等液体等物质进入灯体内部
- 确保输入电压与灯体要求电压相匹配
- 若电源线出现破损，请不要尝试运行灯具；切勿去除地线插芯
- 在进行任何形式的连接之前都应关闭主电源
- 不要私自拆卸灯体。
- 禁止在灯后罩打开的情况下运行
- 禁止连接调光设备
- 确保灯体安装在合适的通风环境。灯体与墙壁应保持6-15厘米的距离
- 若灯具发生故障应立即停止运行
- 该灯具只适用于室内工作，否则发生故障，不予保修承诺。
- 若长期不使用，应切断电源
- 确保灯具安装在安全且稳定的环境中
- 灯具之间的电源线要规则理顺
- 按照厂家的要求定期对灯具进行清洁维护，请参阅“维护”
- 该灯具应置于远离电冰箱，微波炉，功放等热源设备
- 在以下情况下只有专业维护人员才能处理：
 - E. 电源线或插头破损
 - F. 灯具坠落，液体进入灯体内
 - G. 灯具不能正常工作，且发生异常现象

电源：在接通过电源之前，请确保与灯体相匹配的工作电压---220V（电压可根据地域差异调整为120V或

220V)。同时还要保证电压与壁装电源插座相匹配。

DMX 连接：为确保DMX 数据最佳发送，在灯具连接过程中尽量选择最短的连接路径。灯具通过DMX连接的顺序不会影响到DMX地址码。例如，一支灯具的地址码被设定为1，不论此灯具被连接在任一位置，都不会改变其地址码。这是由于DMX 控制器的原理决定。

操作方式：您可在以下三种模式下操作：

- 自走模式-灯具能够自动完成所有换色
- DMX控制模式-每台灯具能接受标准DMX512控台单独控制
- 主从模式-任何一台灯能够作为主机在前面的任意一种模式中工作，其它灯会作为从机同步工作

DMX模式：通过的DMX控制器让用户可自由创建具有个性化的程序。

1. 通过DMX 512控制器可控制每个单独的灯。
2. 该灯具采用4/7/72/75个DMX通道，请参阅“DMX512地址和功能”
3. 通过的三芯XLR信号线连接到任何标准的DMX512控制器。按照DMX512运行参数，设置DMX地址，来实现DMX程序运行模式。

主控制菜单

设备底部的控制板是您用来进入和控制功能的主界面,其数字显示会提供一个功能和选择的代码给您如下:

CONTROL BOARD

8888

地址码 通道模式 控制模式 显示灯 显示方向 扩展模式

Addr cHnd SLnd LED- dISP nAn-

001-511 4-7-72-75CH 主机/从机 开-关 正常- 反向 开/关

Display Menu

主菜单	子菜单	功能
Addr	ADD 1	地址码
cHnd	-4CH	4 通道模式
	-7CH	7通道模式
	72CH	72通道模式
	75CH	75通道模式
SLnd	nASr	主机
	SLRu	从机
LED-	-on-	数字显示灯保持常亮
	-off	数字显示灯30秒后关闭
dISP	dISP	正常显示
	dSIP	反向显示
nAn-	-on-	显示通道
	-off	隐藏通道

LED Slimbar 1841 pixel Mode 4CH

DMX通道	功能	描述	数值
1	灯珠颜色	红光亮度	0-255

2	灯珠颜色	绿光亮度	0-255
3	灯珠颜色	蓝光亮度	0-255
4	灯珠颜色	白光亮度	0-255

LED Slimbar 1841 pixel Mode 7CH

DMX通道	功能	描述	数值
1	调光	调光灭到全亮	0-255
2	频闪	频闪(慢-快)	0-255
3	宏	内置程序	0-255
4	灯珠颜色	红光亮度	0-255
5	灯珠颜色	绿光亮度	0-255
6	灯珠颜色	蓝光亮度	0-255
7	灯珠颜色	白光亮度	0-255

LED Slimbar 1841 pixel Mode 72CH

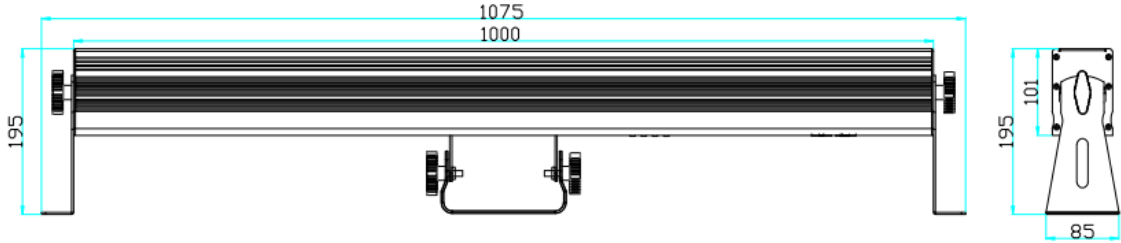
DMX通道	功能	描述	数值
1	灯珠颜色	1 st 红光亮度	0-255
2	灯珠颜色	1 st 绿光亮度	0-255
3	灯珠颜色	1 st 蓝光亮度	0-255
4	灯珠颜色	1 st 白光亮度	0-255
*****	*****	*****	*****
69	灯珠颜色	18 th 红光亮度	0-255
70	灯珠颜色	18 th 绿光亮度	0-255
71	灯珠颜色	18 th 蓝光亮度	0-255
72	灯珠颜色	18 th 白光亮度	0-255

LED Slimbar 1841 pixel Mode 75CH

DMX通道	功能	描述	数值
1	调光	调光灭到全亮	0-255
2	频闪	频闪(慢-快)	0-255
3	宏	内置程序	0-255
4	灯珠颜色	1 st 红光亮度	0-255
5	灯珠颜色	1 st 绿光亮度	0-255
6	灯珠颜色	1 st 蓝光亮度	0-255
7	灯珠颜色	1 st 白光亮度	0-255
*****	*****	*****	*****
72	灯珠颜色	18 th 红光亮度	0-255

73	灯珠颜色	18 th 绿光亮度	0-255
74	灯珠颜色	18 th 蓝光亮度	0-255
75	灯珠颜色	18 th 白光亮度	0-255

尺寸图(mm)



维护

由于烟雾，灰尘的侵蚀，所以要定期对灯具进行必须有的清洁以达到优化目的

1. 用标准的玻璃清洁剂和软布擦拭灯体外壳
2. 每隔三十天要清洁一次灯头镜片
3. 在每一次接通电源前确保灯体干燥不潮湿

维护的周期取决于灯体的工作环境

故障排除

- 不响应DMX:

检查DMX线是否正确连接。有些是三芯插孔，或是五芯插孔。要保证输入与输出之间的正确连接。

产品规格

功率: 200W

工作范围: 任何安全电压场所

电压: 90-250V / 50~60Hz

电源: 200W

光源: LED大功率灯珠

4in1(RGBW,10W) *18颗

角度: 15/25度可选

通道: 4/7/72/75

红绿蓝白混色效果

保修期: 1年

感谢你阅读此说明书，请妥善保管此说明书，以便将来参阅！