

# User Manual

## LED Classicbar1841(dot matrix)

### Introduction

**Unpacking:** Thank you for purchasing the LED ClassicBar1841pixel. 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 intactly. 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.



Read all cautions and warnings  
prior to operation of this  
equipment

### Protection Against Fire



Fire

1. Maintain a minimum of 1 50cm distance from any type of flame
2. Replace fuse only with the specified type and rating
3. Do not install the unit to close a heat source
4. Make sure cable are properly secured away from unit movement
5. Maximum surface operating temperature 80°

### Protection Against Electrical



Electrical

1. Disconnect power before servicing
2. The unit must be earthed (electronically grounded)

### Protection Against Mechanical Hazards



Mechanical

1. Use safety chain when hanging unit
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical shock

**PLEASE recycle the shipping carton whenever possible.**

### 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%
- Daisy Chain Units together in DMX Mode
- Master/Slave synchronization
- LED operation menu
- DMX-512 protocol
- With Dot Matrix

## 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 4 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.
- Sound control mode- When music play. The unit will work with music beat.

**DMX Mode:** Operating through a DMX controller give the user the freedom to create their own programs

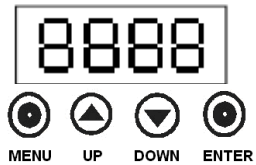
tailored to their own individual needs. This function also allows you to use your units as spot lights.

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:

CONTROL BOARD



DMX Address	Channel Mode	Control Mode	Display Light	Display Direction	Extended mode
<b>Addr</b> 1-511	<b>cHnd</b> 4-7-72-75CH	<b>SLnd</b> Master/Slave	<b>LEd-</b> ON-OFF	<b>dISP</b> Normal- Reversed	<b>NRn-</b> ON/OFF

### Display Menu

Main Menu	Submenu	Functions
<b>Addr</b>	<b>ADD 1</b>	DMX Address
<b>cHnd</b>	<b>-4CH</b>	4 Channels model
	<b>-7CH</b>	7Channels model
	<b>72CH</b>	72 Channels model
	<b>75CH</b>	75 Channels model
<b>SLnd</b>	<b>NRST</b>	Master
	<b>SLRU</b>	Slave
<b>LEd-</b>	<b>-on-</b>	Digital display light is keeping ON
	<b>-oFF</b>	Digital display light is OFF after 30s
<b>dISP</b>	<b>dISP</b>	Normal display
	<b>dSIP</b>	Reversed display
<b>NRn-</b>	<b>-on-</b>	Show channels
	<b>-oFF</b>	Hide channels

Note: If you choose channel 4CH mode from, it will show all 4 channels R/G/B/W in menu list after you set" "from, so 7CH/72CH/75CH is same .

### LED ClassicBar 1841 With Dot Matrix 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 ClassicBar 1841 With Dot Matrix Mode 7CH**

DMX Channel	Function	Description	Value
1	Dimmer	Dimmer Off to Full	0-255
2	Strobe	Strobe(slow to fast)	0-255
3	Built-in programs	Preprogrammed effect	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 ClassicBar 1841 With Dot Matrix Mode 72CH**

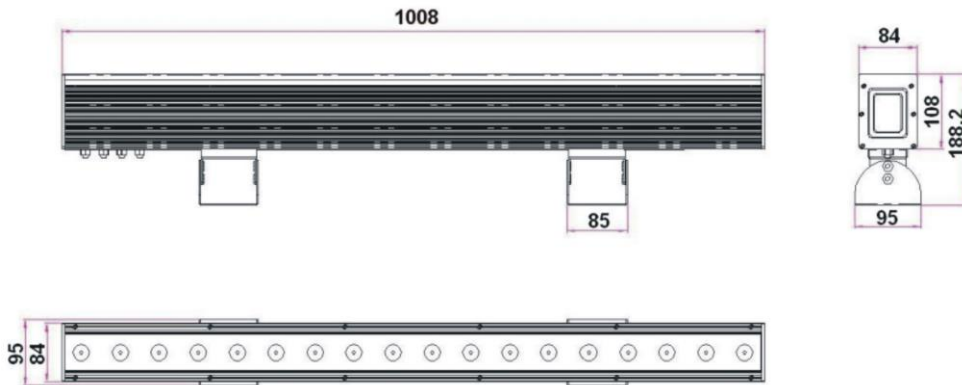
DMX Channel	Function	Description	Value
1	LED Color	1 <sup>st</sup> Red LED intensity	0-255
2	LED Color	1 <sup>st</sup> Green LED intensity	0-255
3	LED Color	1 <sup>st</sup> Blue LED intensity	0-255
4	LED Color	1 <sup>st</sup> White LED intensity	0-255
*****	*****	*****	*****
69	LED Color	18 <sup>th</sup> Red LED intensity	0-255
70	LED Color	18 <sup>th</sup> Green LED intensity	0-255
71	LED Color	18 <sup>th</sup> Blue LED intensity	0-255
72	LED Color	18 <sup>th</sup> White LED intensity	0-255

**LED ClassicBar 1841 With Dot Matrix Mode 75CH**

DMX Channel	Function	Description	Value
1	Dimmer	Dimmer Off to Full	0-255
2	Strobe	Strobe(slow to fast)	0-255
3	Built-in programs	Preprogrammed effect	0-255
4	LED Color	1 <sup>st</sup> Red LED intensity	0-255
5	LED Color	1 <sup>st</sup> Green LED intensity	0-255
6	LED Color	1 <sup>st</sup> Blue LED intensity	0-255
7	LED Color	1 <sup>st</sup> White LED intensity	0-255
*****	*****	*****	*****
72	LED Color	18 <sup>th</sup> Red LED intensity	0-255

73	LED Color	18 <sup>th</sup> Green LED intensity	0-255
74	LED Color	18 <sup>th</sup> Blue LED intensity	0-255
75	LED Color	18 <sup>th</sup> White LED intensity	0-255

**Drawing Size:**



**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:** 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**

Model: **LED ClassicBar 1841(With dot matrix)**

Working Position: Any safe working position

Voltage: 90-250V / 50~60Hz

Power: 200W

**LED Lamp: Taiwan high power LEDs;**

**4in1(RGBW) 8\*18pcs**

DMX Channel: 4/7/72/75 channel mode

Waterproof rate: IP65, Outdoor

RGBW color mixing and dot matrix function , every LED and every color can be controlled alone

Gross Weight: 11Kgs

Fixture size: 1015\*85\*195mm

Carton Package: 2pcs / pack

Warranty: **1 Year**

**Note: All information is subject to change without prior notice.**