

User Manual--- LED Slimbar1861(Pixel)



Introduction

Unpacking: Thank you for purchasing the LED Slimbar 1861(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 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.- The unit will react to sound, chasing through the built-in programs.

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 10/22/36 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



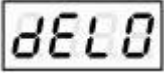
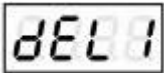
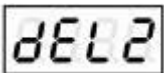
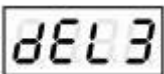
The control board on the fixture base is your interface to access and control all functions on the unit, Its digital display gives you a code vide of functions and options as below:

CONTROL BOARD



Menu Map

Menu	Value	Description
	001-512	10 channels
	001-512	22 channels
	001-512	36 channels
	00-99	Fade in & out Fast -Slow
	00-99	Macro Fast-Slow
	00-99	Manual control
	000-255	Red intensity
	000-255	Green intensity
	000-255	Blue intensity
	000-255	White intensity
	000-255	Amber intensity
	000-255	UV intensity
	/	Stand-alone Fast-Slow

	/	Sound
		Dimmer Delay OFF
		Dimmer Delay Modes fast-slow
		
		

LED Slimbar 1861(Pixel) DMX Channel Mode 10CH

DMX Channel	Function	Description	Value
1	Dimmer	Dimmer	0-255
2	Strobe	No function	0-10
		Strobe Slow-Fast	11-254
		No function	255
3	Macro	No function	0-9
		Red	10-13
		Green	14-17
		Blue	18-21
		White	22-25
		Amber	26-29
		Red+Green+Blue+White+Amber+UV	30-33
		RGBWA	34-37
		Red+Green	38-41
		Red+Blue	42-45
		Red+White	46-49
		Red+Amber	50-53
		Red+UV	54-57
		Green+Blue	58-61
		Green+White	62-65
		Green+Amber	66-69
		Gree+UV	70-73
Blue+White	74-77		
Red+Green+Blue	78-81		
Red+Green+White	82-85		

		Red+Blue+White	86-89
		Green+Blue+White	90-93
		Red+Green+Blue+White	94-99
		Red+Green+Blue+White+Amber Snap scroll	100-129
		Red+Green+Blue Fade in/out	130-159
		Red+Green+Blue+White+Amber Fade in/out	160-239
		Pixel effect	240-255
4	Speed	Slow-Fast	0-255
5	LED Color	Red color Intensity	0-255
6	LED Color	Green color Intensity	0-255
7	LED Color	Blue color Intensity	0-255
8	LED Color	White color Intensity	0-255
9	LED Color	Amber color Intensity	0-255
10	LED Color	UV color Intensity	0-255

LED Slimbar 1861(Pixel) DMX Channel Mode 22CH

DMX Channel	Function	Description	Value
1	Dimmer	Dimmer	0-255
2	Strobe	No function	0-10
		Strobe Slow-Fast	11-254
		No function	255
3	Macro	No function	0-9
		Red	10-13
		Green	14-17
		Blue	18-21
		White	22-25
		Amber	26-29
		Red+Green+Blue+White+Amber+UV	30-33
		RGBWA	34-37
		Red+Green	38-41
		Red+Blue	42-45
		Red+White	46-49
		Red+Amber	50-53

		Red+UV	54-57
		Green+Blue	58-61
		Green+White	62-65
		Green+Amber	66-69
		Gree+UV	70-73
		Blue+White	74-77
		Red+Green+Blue	78-81
		Red+Green+White	82-85
		Red+Blue+White	86-89
		Green+Blue+White	90-93
		Red+Green+Blue+White	94-99
		Red+Green+Blue+White+Amber Snap scroll	100-129
		Red+Gree+Blue Fade in/out	130-159
		Red+Green+Blue+White+Amber Fade in/out	160-239
		Pixel effect	240-255
4	Speed	Slow-Fast	0-255
5	LED Color	1 st group Red LED intensity	0-255
6	LED Color	1 st group Green LED intensity	0-255
7	LED Color	1 st group Blue LED intensity	0-255
8	LED Color	1 st group White LED intensity	0-255
9	LED Color	1 st group Amber LED intensity	0-255
10	LED Color	1 st group UV LED intensity	0-255
11	LED Color	2 nd group Red LED intensity	0-255
12	LED Color	2 nd group Green LED intensity	0-255
13	LED Color	2 nd group Blue LED intensity	0-255
14	LED Color	2 nd group White LED intensity	0-255
15	LED Color	2 nd group Amber LED intensity	0-255
16	LED Color	2 nd group UV LED intensity	0-255
17	LED Color	3 rd group Red LED intensity	0-255
18	LED Color	3 rd group Green LED intensity	0-255
19	LED Color	3 rd group Blue LED intensity	0-255
20	LED Color	3 rd group White LED intensity	0-255
21	LED Color	3 rd group Amber LED intensity	0-255

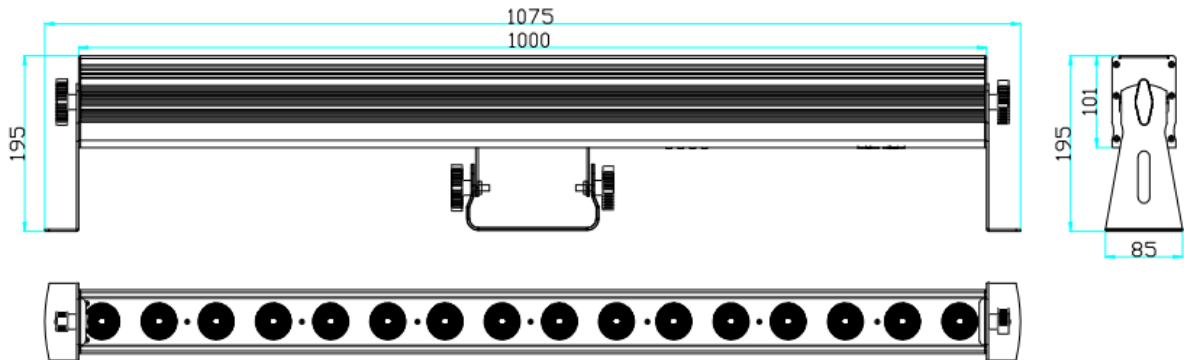
22	LED Color	3 rd group UV LED intensity	0-255
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LED Slimbar 1861(Pixel) DMX Channel Mode 36CH

DMX Channel	Function	Description	Value
1	LED Color	1 st group Red LED intensity	0-255
2	LED Color	1 st group Green LED intensity	0-255
3	LED Color	1 st group Blue LED intensity	0-255
4	LED Color	1 st group White LED intensity	0-255
5	LED Color	1 st group Amber LED intensity	0-255
6	LED Color	1 st group UV LED intensity	0-255
7	LED Color	2 nd group Red LED intensity	0-255
8	LED Color	2 nd group Green LED intensity	0-255
9	LED Color	2 nd group Blue LED intensity	0-255
10	LED Color	2 nd group White LED intensity	0-255
11	LED Color	2 nd group Amber LED intensity	0-255
12	LED Color	2 nd group UV LED intensity	0-255
13	LED Color	3 rd group Red LED intensity	0-255
14	LED Color	3 rd group Green LED intensity	0-255
15	LED Color	3 rd group Blue LED intensity	0-255
16	LED Color	3 rd group White LED intensity	0-255
17	LED Color	3 rd group Amber LED intensity	0-255
18	LED Color	3 rd group UV LED intensity	0-255
19	LED Color	4 th group Red LED intensity	0-255
20	LED Color	4 th group Green LED intensity	0-255
21	LED Color	4 th group Blue LED intensity	0-255
22	LED Color	4 th group White LED intensity	0-255
23	LED Color	4 th group Amber LED intensity	0-255
24	LED Color	4 th group UV LED intensity	0-255
25	LED Color	5 th group Red LED intensity	0-255
26	LED Color	5 th group Green LED intensity	0-255
27	LED Color	5 th group Blue LED intensity	0-255
28	LED Color	5 th group White LED intensity	0-255
29	LED Color	5 th group Amber LED intensity	0-255
30	LED Color	5 th group UV LED intensity	0-255

31	LED Color	6 th group Red LED intensity	0-255
32	LED Color	6 th group Green LED intensity	0-255
33	LED Color	6 th group Blue LED intensity	0-255
34	LED Color	6 th group White LED intensity	0-255
35	LED Color	6 th group Amber LED intensity	0-255
36	LED Color	6 th group UV 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

Model: **LED Slimbar 1861(Pixel)**

Power: 300W

Working Position: Any safe working position

Voltage: 90-250V / 50~60Hz

LED Lamp : Taiwan high power LEDs;

6in1(RGBWA+UV) 15W*18pcs

Beam angle: 15°/25°.optional

DMX Channel: 10/22/36 channel modes

Protection rating: IP 20

Dot matrix function in 6 groups, 3 LEDs is one group

Each color and each group LEDs can be controlled alone

Product size: 1075*85*195mm

Net Weight: 7.5Kgs

Warranty: **1 Year**

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