

LED CITY COLOR 600

MJ-2610D18-4IN1



User Manual

-----PROFESSIONAL LED LIGHTING -----

Thank you for choosing LED city color 600. For the sake of your safety, Please read and follow these instructions carefully and keep this manual in a safe place for future reference.



WARNING

Please do not use the light under the water!

**Please do not connect the power cable hand by hand over 5
lights per time!**

Catalogue

Chapter	Page
Safety instructions-----	1
Introduction-----	2
Description-----	2
DMX-512 control connection-----	2
DMX-512 connection with DMX terminator-----	2
Graphic part -----	3
Display menu -----	3
Temperature information -----	5
Cleaning and maintenance-----	5
Installation-----	5
Technical parameters -----	5
DMX functions and values-----	6
Warning-----	7

- ✧ Before open the LED city color 600 and if you want to do the repair work, please make sure the power source is at the separation condition.
- ✧ Unceasingly carries on the product improvement about our company the policy, in this instruction booklet carries the data will have the possibility to be able to change in the future, when no longer separate notice change matters concerned. Our company retains when the product improvement changes the related specification the authority. This instruction booklet publisher cannot be responsible regarding this instruction booklet in information accuracy, also cannot the related consequence

SAFETY INSTRUCTIONS

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

When unpacking and before disposing of the carton, check there is no transportation damage before using the product. Should there be any damage caused by transportation, consult your dealer and do not use the apparatus.

The device can be use indoors and outdoors, IP65.

The device is not designed or intended to be mounted directly on to inflammable surfaces

The device is only intended for installation, operation and maintenance by professional person.

Do not device the beam onto inflammable surfaces, minimum distance is 5m.

Avoid direct exposure to the light from the lamp. The light is harmful to the eye.

Do not attempt to dismantle or modify the projector in any way.

Electrical connection must only be carried out by qualified personnel.

Before installation, ensure that the voltage and frequency of power supply match the power requirements of the projector.

It is essential that each device is correctly earthed and that electrical installation conforms to all relevant standards.

Do not connect this device to any other types of dimmer apparatus.

Make sure that the power-cord is never crimped or damaged by sharp edges. Never let the power-cord come into contact with other cables. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.

LED lens shall be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches.

Exterior surface temperatures of the luminaire after 5 minutes operation is 50° C, when steady state is achieved 65° C.

There is no user serviceable parts inside the projector, do not open the housing and never operate the device with the covers removed.

If you have any questions, don't hesitate to consult your dealer or manufacturer.

Always disconnect from the mains, when the device is not in use or before cleaning it or before attempting any maintenance work !

Colour: RGBW Mixing colour

DMX Channel:4/5/9CH

Operation Modes: DMX512, Internal Program,Master/slave

Control Panel: Digital 4 Character Alphanumeric

Waterproof grade: IP 65

Net weight:16.5KGS

Gross weight: 17.5KGS

Packing dimensions: 61x21x44CM

DMX functions and values

Channel			Value	Function	Description
4CH	5CH	9CH			
*	1	1	0-255	Main Dimmer	Main dimmer from dark to bright
*	*	2	0-3	Strobe	No function
			4-255		Strobe from slow to quick
1	2	3	0-255	R dimming	R dimming from dark to bright
2	3	4	0-255	G dimming	G dimming from dark to bright
3	4	5	0-255	B dimming	B dimming from dark to bright
4	5	6	0-255	W dimming	W dimming from dark to bright
*	*	7	0-31	Color choice	No function
			32-63		Red
			64-95		Green
			96-127		Blue
			128-159		White
			160-191		Red+Green
			192-223		Red+Blue
			224-255		Green+Blue
*	*	8	0-100	Macro	No function
			101-150		Color change by jump
			151-200		Color change by fade
			200-255		Color change by pulse
*	*	9	0-255	Speed	Macro speed from slow to fast

Temperature information

This light install over temperature protect. If the light over temperature 60°C. The brightness will decrease gradually

CAUTION!

The brightness will decrease gradually when the light temperature is over 60°C, and if over 75°C, then will black out

CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

CAUTION!

Disconnect from mains before starting maintenance operation.

There are no servicable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

If you need any spare parts, please use genuine parts.

If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.

If you have further questions, please contact your dealer.

INSTALLATION

The device must only be installed at a vibration-free, oscillation-free and fire-resistant location.

TECHNICAL SPECIFICATIONS

Construction: Aluminum

Power supply: AC100V~240V;50 Hz /60Hz

LED: RGBW 4IN1*60LEDs

Power consumption: max. 600 W

LED Beam Angle: 18°

LED Lifetime: 80,000-100,000 hours

INTRODUCTION

Thank you for having chosen our LED lighting

Unpack the device, inside the box you should find:

The fixture device

One power cable

This manual

Please check carefully that there is no damage caused by transportation. Should there be any, consult your dealer and don't install this device.

DESCRIPTION

Features

- . Over temperature protect
- . 4, 5 or 9 DMX channels selectable for numerous applications
- . DMX-controlled operation, Sound-controlled operation or stand alone operation with Master/Slave-function
- . Automatic identify Master signal
- . Stepless RGBW colour changing
- . Equipped with 4IN1*60 LEDs
- . Switch-mode power supply, 100V-240V
- . Operation very easy, human design, dimming no flicker, jitter phenomena. Can be adapted to video, photography, television and other demanding lighting occasions.

DMX-512 control connection

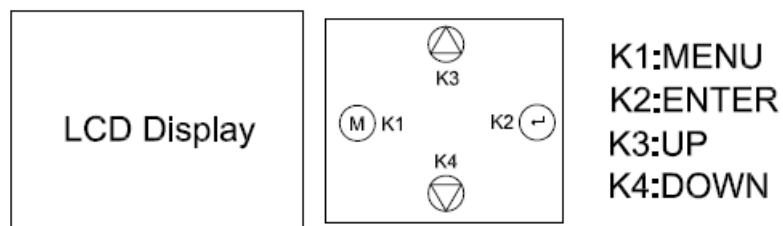
The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:

- 2 conductors plus screen
- 120Ohm impedance
- max. transmission rate 250kBaud.

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 OHM resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain.

Graphic part:



Operation description: Press “**K1**” will cycle out 5pcs different functional effect, LED Top row in represent the current function (Reference function table). LED Top row on behalf of the function in the address code、or speed and other parameters。 Press **K3** or **K4** key can modify the parameter value。 Press**K2** to confirm。

Display menu (All the functions are selected, press K2 to confirm.)

Main Menu	Level 1	Level 2	Instructions
DMX	Address	001-255	DMX address setting: 1.Press K1 enter to menu, It will be show address code 2.Press K3 and K4 to change the DMX address code 3.Press K2 to save the mode and K1 to return
	Channel Mode	4CH	Channel mode choose: 1.Press K1 enter to menu, It will be show DMX mode 2.Press K3 and K4 to change the channel mode 3.Press K2 to save the mode and K1 to return
		5CH	
9CH			
Manual	Dimmer	001-255	Manual mode control: 1.Press K1 enter to menu, It will be show manual mode 2.Press K3 and K4 to change the mode 3.Press K2 to save the mode and K1 to return
	Strobe	001-255	
	Red	001-255	
	Green	001-255	
	Blue	001-255	
	White	001-255	
Macro	Run Mode		Stop/Flash/Fade/Pulse
	Speed	001-255	The speed of the run mode speed

System	Host Model	ON	Host mode setting: 1.Press K1 enter to menu, It will be show host mode 2.Press K3 and K4 to change the ON/OFF 3.Press K2 to save the mode and K1 to return
		OFF	
	Language	Chinese	Language setting: 1.Press K1 enter to menu, It will be show language 2.Press K3 and K4 to change the Chinese/English 3.Press K2 to save the mode and K1 to return
		English	
	Backlight setting	Auto	Backlight setting: 1.Press K1 enter to menu will be show Backlight setting 2.Press K3 and K4 to change to Auto/Keep On 3.Press K2 to save the mode and K1 to return
		Keep On	
	Curve	Curve 1	Curve choosing: 1.Press K1 enter to menu will be show curve model 2.Press K3 and K4 to change to curve mode 3.Press K2 to save the mode and K1 to return
		Curve 2	
		Curve 3	
		Curve 4	
Frequency	2K	Dimming frequency selection	
	10K		
Blackout Time	0-200	Blackout Time setting: 1.Press K1 enter to menu will be show blackout time 2.Press K3 and K4 to change the blackout time value 3.Press K2 to save the mode and K1 to return Note: Recommended value is set between 50 and 150	
Information	Device	Check the light use time: 1.Press K1 enter to menu will be see the light use time 2.Press K1 to return	
	Tou(Min)		
	About	Version	Ver:1.0.1

Note: The user will not press the standby mode for a while; the interface will automatically enter the standby mode to display the address code of the current fixture. If there is no signal, the screen will flash; press any key to enter the selection interface.

Attention: Setting DMX address by button

1. press MENU button when show the **dmx** menu, then adjust the DMX address by pressing [UP] or [DOWN] button
2. Press [ENTER] to confirm or pressing [MENU] to return to main menu.