LED CITY COLOR LIGHT

MJ-2480A15D

======PROFESSIONAL LED LIGHTING ========

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

Remark: errors and omissions for every information given in this manual except. All information is subject to change without prior notice.

⚠ WARNING

Please do not use the lamp under the water!

Please do not connect the power cable hand by hand over 5

lights per time!

Catalogue

✧ Before open the Mega LED city color light 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 which causes regarding these information be responsible.

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 40°C，when steady state is achieved 55°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 !

Channel	Function	Description
1CH	Main dimming	R、G、B、W main dimming，Linear dimming，from dark to bright
2CH	R dimming	R dimming，Linear dimming，from dark to bright
3CH	G dimming	G dimming，Linear dimming，from dark to bright
4CH	B dimming	B dimming，Linear dimming，from dark to bright
5CH	W dimming	W dimming，Linear dimming，from dark to bright
6CH	Main strobe	R、G、B、W main strobe, from slow to quick
7CH	Function Selection	0—50：DMX512；51—99：jump change；100—150：fade；151—200：running change；201—250：Pulse；251—255：sound control
8CH	Function speed	Function speed，from slow to quick

TECHNICAL SPECIFICATIONS

Construction: Aluminum
Power supply: AC 100V~275V;50 Hz /60Hz
LED: 3W*96LEDs(R:24PCS,G:24PCS,B:24PCS,W:24PCS)
Power consumption: max. 288 W
LED Beam Angle: 15°
LED Lifetime: 80,000-100,000 hours
Colour: RGBW Mixing colour
DMX Channel:4/8CH
Operation Modes: DMX512, Internal Program, Sound, Master/slave
Control Panel: Digital 4 Character Alphanumeric
Waterproof grade: IP 65
Net weight:15KGS
Gross weight: 17KGS
Packing dimensions: 68x42x60C

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, oscilation-free
and fire-resistant location.

DMX functions and values

A. 4 channel description

Channel	Function	Description
1CH	R dimming	R dimming，Linear dimming，from dark to bright
2CH	G dimming	G dimming，Linear dimming，from dark to bright
3CH	B dimming	B dimming，Linear dimming，from dark to bright
4CH	W dimming	W dimming，Linear dimming，from dark to bright

B. 8 channel description

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 ,or 8 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 3W*96 LEDs
. Switch-mode power supply, 100-240V
. 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
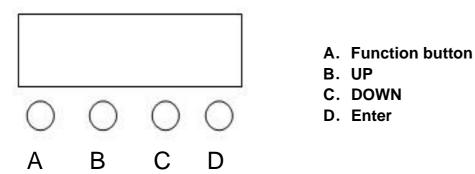following characteristics must be used for connections:
- 2 conductors plus screen
- 120Ohm impedance
- max. transmission rate 250kBaud.

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：

A. **Function button**
B. **UP**
C. **DOWN**
D. **Enter**

A B C D

Operation description：Press "**A**" will cycle out seven 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 **B** or **C** key can modify the parameter value。Press **D** to confirm。

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

No	Display	Function description
1	A001	8 channel address code，　　　（001—512） B、C button plus or reduce address code value
2	d001	4 channels address code，　　（001—512） B、C button plus or reduce address code value

3	CC50	Colorful jump，　　　　　　（00—99） B、C button change jump speed
4	CP50	Colorful pulse variable、gradient，　　（00—99） B、C button change speed of pulse and gradient
5	DE50	Colorful running，　　　　（00—99） B、C button change speed of running
6	dEdE	Colorful sound control variable，　　（00—99） B、C button change speed of sound control
7	R255	R colors change，　　　　（000—255） B、C button change speed of sound control
8	G255	G colors change，　　　　（000—255） B、C button change speed of sound control
9	B255	B colors change，　　　　（000—255） B、C button change speed of sound control
10	W255	W colors change，　　　　（000—255） B、C button change speed of sound control

Attention: Setting DMX address by button
1. press ENTER button when show the **A001,d001**menu, then adjust the DMX address by pressing [UP] or [DOWN] button
2. **A001** and **d001** are master/slave mode

Press [ENTER] to confirm or pressing [ESC] to return to main menu**.**

Temperature information

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

CAUTION!
The brightness will decrease gradually when the light temperature is over 60℃,and if over 75℃,then will black out