

# **LED WALL WASHER 4IN1**

**MJ-2007E**



## **User Manual**

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

Thank you for choosing our LED wall washer 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

# Catalogue

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- ✧ Before open the LED wall washer 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 50° C, when steady state is achieved 70° 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 !**

## TECHNICAL SPECIFICATIONS

Construction: Aluminum

Power supply: AC: 100V~240V;50/60Hz

LED: 4-IN-1\*18LEDs

LED Current: 500mA

Power consumption: Max.180W

LED Beam Angle: 25°

LED Lifetime: 50,000-80,000 hours

Colour: RGBW Mixing colour

DMX Channel:4/8CH

Dimming: 0-100% with regulated constant color control

Strobe: 10 Flashes per second (any color)

Operation Modes: DMX512, Internal Program, Master/slave

Control Panel: Digital 3 Character Alphanumeric

Maximum Ambient Temperature:-10 -50° C

Waterproof grade: IP 65

Net weight: 4.2 KGS

Gross weight: 4.8KGS

Packing dimensions: 105x13x15CM



### WARNING

**Please do NOT connect the power supply before open the light.**

**Please do NOT use any object to cover the lamp.**

**Please do NOT use the lamp under the close environment.**

**Please do NOT use the lamp under the water.**

**Please do NOT connect the power cable hand by hand over **5pcs.****

## DMX FUNCTIONS AND VALUES

### 8 channel description

Channel	Function	Description
CH1	Main dimming	R.G.B.W main dimmer, Linear dimmer, from dark to bright
CH2	Main strobe	R.G.B.W. main strobe, from slow to quick
CH3	Function selection	0—50: DMX8 channel control; 51—100: Jump; 101—150: fade; 151—200: pulse
CH4	Function speed	Function speed from slow to quick
CH5	R dimming	R dimming, Linear dimming, from dark to bright
CH6	G dimming	G dimming, Linear dimming, from dark to bright
CH7	B dimming	B dimming, Linear dimming, from dark to bright
CH8	W dimming	W dimming, Linear dimming, from dark to bright

### 4 channel description

Channel	Function	Description
CH1	R dimming	R dimming, Linear dimming, from dark to bright
CH2	G dimming	G dimming, Linear dimming, from dark to bright
CH3	B dimming	B dimming, Linear dimming, from dark to bright
CH4	W dimming	W dimming, Linear dimming, from dark to bright

## INTRODUCTION

Thank you for having chosen our LED lighting  
Unpack the device ,inside the box you should find:

- 1)LED Wall Washer Light-----1pcs
- 2) User Manual-----1pcs
- 3)Power cable-----1pcs

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

#### .4/8DMX channels

.DMX-controlled operation,or stand alone operation,Master/Slave-function

. **Automatic identify Master signal**

. **Stepless RGBW colour changing**

. **Equipped with 4-in-1\*10W 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:

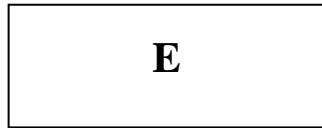
- 2 conductors plus screen
- 120Ohm impedance
- max. transmission rate 250kBaud.

## DMX-512 CONNECTION WITH DMX TERMINATOR

For installations where the DMX cable has to run a long distance or 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 button



A

B

E. LED display panel

**Operation description:** Operation description: Press function button **A** will cycle 9 different functional effects, Digital tube before a number which represents the current function (refer the function sheet). The last two digits represent the functions in which the address code or speed parameters. Press the **B** button to modify the parameter values, will save automatically after 10 seconds.

## DISPLAY MENU

No	Display	Function description
1	001	8 channel address code, (001—512) B、 C button plus or reduce address code value
2	0.01	4 channel address code, (001—512) B、 C button plus or reduce address code value
3	C00	7 colors change jump, (01—99) B、 C button change speed of jump
4	P00	Colorful clock change, gradual change, (01—99) B、 C button plus or reduce speed of pulse and jump

5	E00	Colorful portfolio changes, (01—99) B、 C button plus or reduce speed of changes
6	R25	Red color selection, (00—25) B、 C button change color selection
7	G25	Green color selection , (00—25) B、 C button change color selection
8	B25	Blue color selection, (00—25) B、 C button change color selection
9	W25	White color selection , (00—25) B、 C button change color selection

### Attention: Setting DMX address by button

1. press ENTER button when show the **001** or **0.01** menu, then adjust the DMX address by pressing [UP] button
2. **001** are master/slave mode

## 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 service 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.