

WARNING

Please do NOT use the light under the water!

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

Important notice:

- ✧ Before open the LED outdoor blinder 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.

LED OUTDOOR BLINDER 200

MJ-2200



User Manual

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

Thank you for choosing our LED outdoor blinder 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.

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 !

DMX functions and values:

A. 4channel description

| Channel | Value | Function |
|---------|-------|---|
| CH1 | 0-255 | Warm white1 dimming from dark to bright |
| CH2 | 0-255 | Cool white1 dimming from dark to bright |
| CH5 | 0-255 | Warm white2 dimming from dark to bright |
| CH6 | 0-255 | Cool white2 dimming from dark to bright |

B. 8channel description

| Channel | Value | Function |
|---------|---------|--|
| CH1 | 0-255 | Main dimming from dark to bright |
| CH2 | 0-255 | Control strobe from slowly to quickly |
| CH3 | 0-50 | No function |
| | 51-100 | Color change by Snapping |
| | 101-150 | Color change by Fade |
| | 151-200 | Color change by Pulse |
| | 201-255 | Sound control |
| CH4 | 0-255 | The speed of function from slowly to quickly |
| CH5 | 0-255 | Warm white1 dimming from dark to bright |
| CH6 | 0-255 | Cool white1 dimming from dark to bright |
| CH7 | 0-255 | Warm white2 dimming from dark to bright |
| CH8 | 0-255 | Cool white2 dimming from dark to bright |

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 serviceable 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 Parameters:

Voltage: AC100-240V, 50Hz/60Hz

Power Consumption: 200W

LED: 2pcs 100W 2IN1 white LED

LED Beam Angle: 60°

LED Lifetime: 80,000-100,000 hours

Color: white color

Dimming: 0-100% smooth dimmer

Strobe: 10 Flashes per second (any color)

Operation Modes: DMX512, , Sound, Master-slave, Internal Program

DMX Control: 6Channels

Waterproof grade: IP 65

Maximum Ambient Temperature: 40° C

Gross Weight: 11.5kg

Package Size: 480 x 350 x 310mm

Introduction: .

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

- 1) Light -----1pcs
- 2)Power Cable-----1pcs
- 3) User Manual-----1pcs

Description:

Features

- . 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
 - . Equipped with 2 x 100W 2-in-1 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:

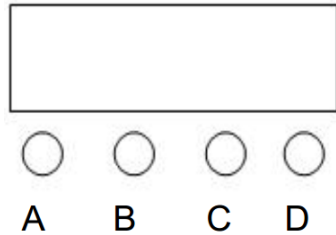
The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:

- 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:



- A. function button
- B. UP
- C. DOWN
- D. Enter

Operation description: Press “A” will cycle out **10pcs** 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 |
|-----|---------|--|
| 1 | A001 | A001—A512 (8 channel) press “UP” and “Down” button change the DMX address |
| 2 | d001 | d001—d512 (4 channel) press “UP” and “Down” button change the DMX address |
| 3 | CC00 | CC01—CC99 (Color change by Jumping), press “UP” and “Down” button change the Jumping speed |
| 4 | CP00 | CP01—CP99 (Color change by Fade), press “UP” and “Down” button change the Fade speed |
| 5 | DE00 | DE01—DE99 (Color change by Pulse), press “UP” and “Down” button change the Pulse speed |
| 6 | BEBE1 | Sound mode |
| 7 | R000 | R000—R255 (Warm white 1 dimming by hand) |
| 8 | G000 | G000—G255 (Cool White 1 dimming by hand) |
| 9 | B000 | B000—B255 (Warm white 2 dimming by hand) |
| 10 | W000 | W000—W255 (Cool White 2 dimming by hand) |

1. DMX Control

- If you wish to control the unit remotely via DMX, you will need a DMX controller. Connect an XLR cable to the controller's DMX output and the fixture's input.
- Set the fixture to receive DMX signal
 - Press and hold '**MENU**' button until display says **A001** or **d001**.
(Note:**A001** is 8CH,**d001** is 4CH,you can choose it.)
 - Press '**ENTER**', then the fixture will receive the DMX 512 signal.
 - Press **UP** or **DOWN** to select the desired address.
 - Press **ENTER** button to activate the selection..

2. Sound Activation (color changes in response to loud noises)

- Press and hold '**MENU**' button until the display panel says **BEBE** (short for sound).
- Press '**ENTER**'

3. Manual Control(RGBWAP dimming by hand):

- Press and hold '**MENU**' button until display panel says R220 ,G200 ,B220,W220
- Press **UP** or **DOWN** to select the brightness
- Press '**ENTER**'

Warm white1 (0-255)

Cool white1 (0-255)

Warm white2 (0-255)

Cool white2 (0-255)

4. Automatic Color Cycle

- Press MENU, the display panel says CC01 – CC99,this way is color jumping and speed changing.
- Press MENU, the display panel says CP01 – CP99,this way is color changes by Fading.
- Press MENU, the display panel says DE01 –DE99,this way is color changes by pulse.