

# **LED Profile- 200 (Focus)**



**USER MANUAL**

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## **INSTRUCTION**

Thank you for purchasing Led Profile-200 (focus), 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 well. 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 pre-notice..

## **DESCRIPTION OF THE DEVICE**

### **1. Profile**

With the idea of energy saving and environment protection, the device use low power loss and extremely high efficiency led. The device housing cover is made of used the new high strength heat resistance engineering plastics, with beautiful shape and smooth lines. The designing and manufacturing is in compliance with the IEC standard. The device is suitable in the large-scale theatrical performance, the theater, the performance hall, the bar, nightclub and so on.

The product conforms to the international standard DMX512 agreement completely; the device can be controlled in signal, and also be controlled in many units.

### **2.Specification**

Lamp: Super high power LED

Red Green Blue White 200W

Power Supply: AC100V-250V, 50Hz/60Hz

Power consumption: 200W

CCT: Warm White: 3200/Cool white: 5600K

Optic Lens: 19°/26°/36° optional

CRI: =95

Wave: 637nm

DMX

Channel:4/8CH

LED display

High quality optical

system N.W.: 7.1kgs

### **3.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:
  - % The power-supply cord or the plug has been damaged.
  - % Objects have fallen, or liquid has been spilled into the appliance.
  - % The appliance has been exposed to rain or water.
  - % The appliance does not appear to operate normally or exhibits s marked change in performance.

## INSTALLATION

### 1.Installation

When installation, keep the device far away the heat sensitive objects and explosives sensitive objects, leave at least 50cm of free space around the device.

When the device put on horizontal place, the device must be placed directly on the place, and device must be secured with a mounting holder.

When ring the devices on the truss and the head face to the floor. Screw one clamp each via a M12 screw and nut onto the mounting holder. Insert the quick-lock fasteners of the first mounting holder into the respective holes on the bottom of the device. Tighten the quick-lock fasteners fully clockwise. Install the second mounting holder. And the safety rope must be used at same time.

Please use qualified safety-rope, which can hold at lease 10 times the weight of the fixture. You must only use safety-ropes with quick links with screw cap. Pull the safety-rope through the hole on the bottom of the base and over the trussing system etc. Insert the end in the quick link and tighten the fixation screw. A safety rope which already hold the strain of a crash or which is defective must not be used again.

### 2.DMX512 connection

Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120Ω resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

Please use qualified xlr-xlr dmx cables.

### 3.Connection with mains

The person involved with the power connection must be qualified, and has the electrical engineering certificate.

Connect the device to the mains with the power plug.

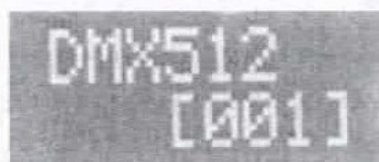
The earth has to be connected.

Power consumption 200W, input power supply AC100V-250V, 50Hz/60Hz.

## OPERATION

### Menu instruction

➤ Operation display:





- **DMX Address SET:** Press DMX Address UP、DMX Address DOWN, to set DMX address.



- **DIMMER SET:** Press DIMMER UP、DIMMER DOWN,manual dimming, brightness range 0-65535.



- **TEMPRATRUE:** Press DIMMER UP and DIMMER DOWN together to enter the interface.Button DMX Address UP、DMX Address DOWN、DIMMER UP、DMX Address DOWN, then change into button BACK、UP、DOWN、ENTER. Press buttons UP、DOWN can page turning.



- **Current temperature:**



- **Warning temperature:** when the temperature exceeds this temperature, the fan will remain at full speed. Below this temperature, the system will speed the fan in real time according to the temperature value, so as to reduce the noise of the fan. The fan will stop running below 30 degrees. Press ENTERY, "flashing" indicates that it is in the setting state. The warning temperature can be adjusted and the temperature range is 0-150. After modification, press ENTERY to save settings and press BACK to cancel settings.



- **The highest temperature history:** reference to the highest temperature history to set up a suitable temperature warning.



- **Clear the record of the highest historical temperature**



### Menu Display

No.	Menu	Menu functions
1	DMX-8CH D:001	8-Channel address code, (001- -512) Key B and C keys add and subtract the address code value
2	DMX-4CH D:001	4-Channel address code, (001- -512) Key B and C keys add and subtract the address code value
3	Function [099]	Jumping change (01- -99) Key B and C to modify the jump speed
4	Gchange [099]	Gradient change, (01- -99) The B, C keys modify the gradient speed
5	Pulse D:[099]	*Flash Flash, (00- -99) The C key modifies the flash speed Color is controlled by the following color (color selection)
6	Voice Running	Colorful voice control changes
7	Color R D:255	Red color selection, (000- -255) B, C keys to modify the color selection If set to 000 (Pulse) flash is not bright red
8	Color G D:255	Green color selection, (000- -255) key modifies color selection If adjusted to 000 (Pulse) flash will not be bright green
9	Color B D:255	Blue color selection, (000- -255) key modifies color selection If adjusted to 000 (Pulse) flash will not shine blue
10	Color W D:255	White Color Selection, (000- -255) Ckey modifies color selection If adjusted to 000 (Pulse) flash will not be bright white

### DMX512 CHANNEL INSTRUCTION 8CH

Channel	Function	Instructions
CH1	Master dimmer	(0-255) R, G, B, W Master dimmer, linear dimmer, from dim to bright
CH2	Master strobe	(0-255) R, G, B, W Master strobe, from slow to fast
CH3	Functional speed	Functional speed
CH4	R dimmer	R dimmer, (0-255) linear dimmer, from dim to bright
CH5	R dimmer	R dimmer, (0-255) linear dimmer, from dim to bright
CH6	G dimmer	G dimmer, (0-255) linear dimmer, from dim to bright
CH7	B dimmer	B dimmer, (0-255) linear dimmer, from dim to bright
CH8	W dimmer	W dimmer, (0-255) linear dimmer, from dim to bright



## 4CH

Channel	Function	Instructions
CH1	R dimmer	R dimmer, (0—255) linear dimmer, from dim to bright
CH2	R dimmer	R dimmer, (0—255) linear dimmer, from dim to bright
CH3	G dimmer	G dimmer, (0—255) linear dimmer, from dim to bright
CH4	B dimmer	B dimmer, (0—255) linear dimmer, from dim to bright

### FUNCTION DESCRIPTION

In the address code state, if there is no console after multi-computer connection, the master-slave online function can be realized, one of the devices can be operated, and the other devices in the address D001 state can follow the host synchronous running program. If the console signal is received after the console is connected, the X of the DMX connection signal will become V, and the equipment in the address state can be controlled by the console.