VG-LVF200Z-S 200W Zoom LED Profile Spot Light User Manual

200W Zoom LED Profile Spot Light

VG-LVF200Z-S

(Long Lens and Short Lens)



CE RoHS

User Manual

📖Please read this user manual before using this product!

Keep it for further reference!

http://www.vangaa.com

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VG-LVF200Z-S 200W Zoom LED Profile Spot Light User Manual

Thank you for using our product! Please read this manual carefully and completely. For technical reference in future, please keep this user manual well. This user manual contains all installation and operation information of this LED Zoom Profile Spot Light, it's very useful for user to install and operate the light. Please strictly abide by the relevant instruction for the installation and operation.

This light has very beautiful appearance. This is a professional LED Zoom Lens Profile Spot Light. It uses high CRI and high power LED integrated lamp as the light emitting element. So the light has high light efficiency, good color rendering, low glare value, long lifespan, energy conservation, environmental protection and other advantages. The light has high brightness, uniform light, which is very suitable for meeting room, studio and other places. Using DMX signal to realize the linear dimmer, more convenience. This light is saving energy and protecting environment, pure color temperature, it is a very suitable substitute of the traditional 750 profile light.

This light meets the following criteria:

GB7000.1-2007/IEC60598-1:2003

GB7000.217-2008/IEC60598-2-17:1984+A2:1990

Ⅰ INTRODUCTION

Thank you for having chosen our LED Zooming and Imaging Spot 200W, You will see you have acquired a powerful and versatile device.

Unpack your 200W LED Zooming and Imaging Profile Spot

Delivery includes

200W LED Profile Spot Light 1pc

Gobo frame	1pc
Color frame	1pc
DMX cable	1pc
Power cable	1pc
User Manual	1pc

Ⅱ DESCRIPTION OF THE DEVICE

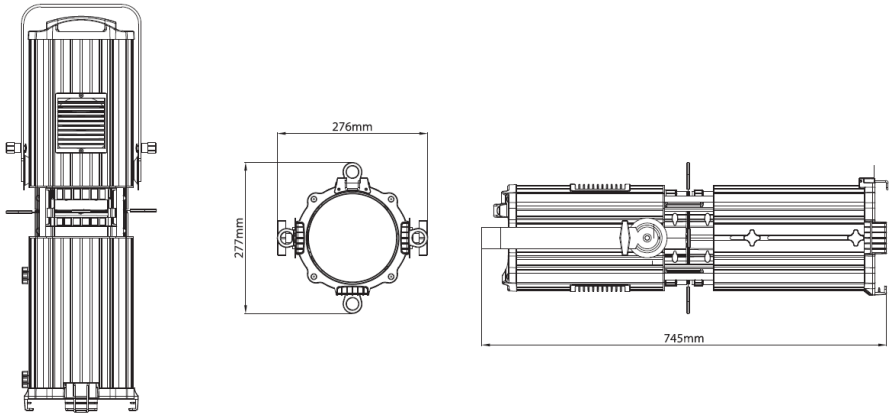
1. Profile

With the idea of energy saving and environment protection, the device use lower 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 IEC standard. The device is suitable in the large-scale theatrical performance, the theater, the performance hall, the bar night club and so on.

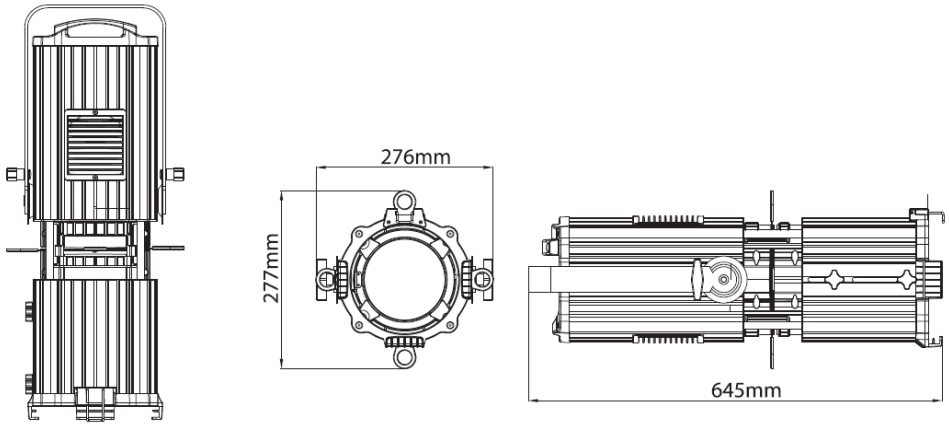
The product conforms to the international standard DMX512 agreement completely, the device can be controlled in single, and also be controlled in many units.

2. Overview

15-28°



20-45°



All dimensions are in millimeters

3. Specification

Power supply: AC100V-240V, 50/60Hz

Power consumption: 250W

LEDs: 200W White COB LED lamp

Color temperature: 3200K/5600K

Luminous flux: 17000lm/18000lm

CRI: ⩾90Ra

LED Lifespan: >50000h

Dimmer: 0-100% dimmer intensity

Adjustable beam angle: 15-28° (VG-LVF200-L); 20-45° (VG-LVF200-S)

Strobe: 1-20 flash per second

Cooling system: heat pipe with no noise fan

Display: LCD screen display

The signal input and output: XLR 3pin and XLR 5pin

DMC Chanel: 1CH/2CH

IP rating: IP20

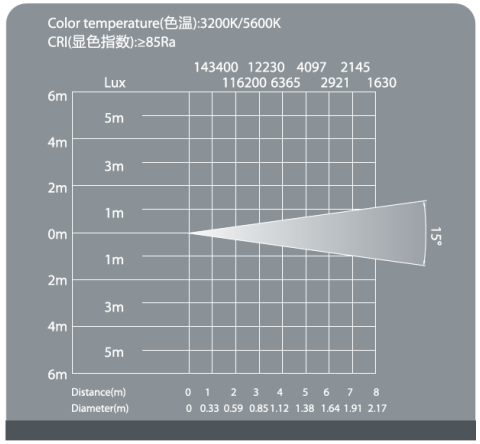
Use environment temperature: -20℃-45℃

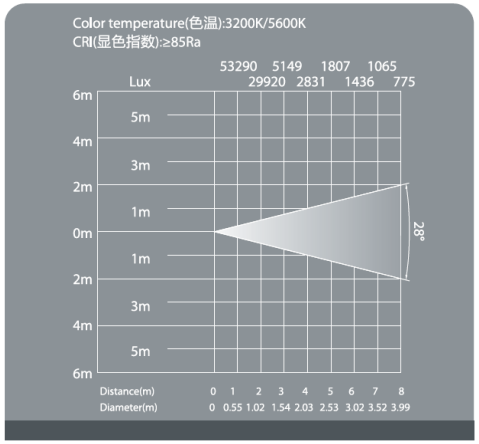
Dimension: 745*276*277mm(VG-LVF200Z-L); 645*276*277mm(VG-LVF200Z-S)

N.W:/G.W: 10.2kg/12.5kg(VG-LVF200Z-L); 9.2kg/11kg(VG-LVF200Z-S)

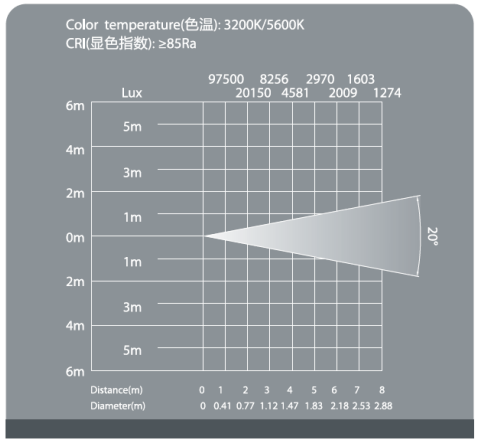
4. Photographic chart

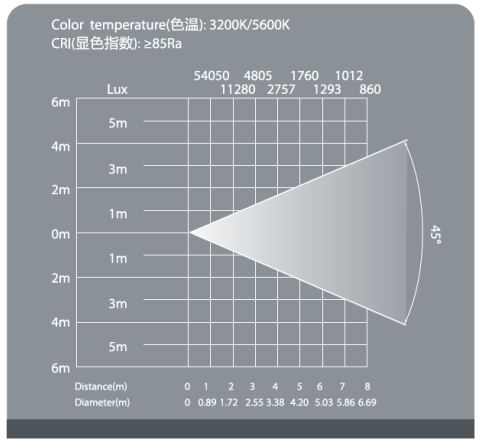
VG-LVF200Z-L, 15-28°





VG-LVF200Z-S, 20-45°





5. Safety warning

VG-LVF200Z-S 200W Zoom LED Profile Spot Light User Manual

1). Warning:

Every person involved with the installation, operation and maintenance of this device has to be qualified;

User must follow the instructions of this manual;

Unqulified person cannot open the housing cover and operate the device, or the dealer will not accept liability for any result defects or problems;

The device against rain and moisture.

2).Warning note

Power Supply AC100v-240v,50HZ/60HZ;

Make sure the power switch is off, the power plug, outlet and the earth connection is in well condition before connecting the device with the mains;

Please use qualified power plug and outlet. Never connect the power cord of this device with other electrical equipment;

During move and installation. make sure the device not crashed with metal parts and other materials;

Always disconnect from the mains, when the device is on installation and dismantled;

The minimum distance between light-output and the illuminated surface must be more than 50cm;

The device must only be installed on a non-flammable surface. In order to safeguard sufficient ventilation, leave 50 cm of free space around the device. Please note that heat-sensitive objects may be deformed or damaged by the emitted heat;

During the operation the housing becomes very hot! Do not operate the device for 15 minutes after switching off;

The maximum ambient temperature Ta-45℃ must never be exceeded. The maximum

housing temperature Tb-80℃ must never be exceeded;

For indoors use;

Replace any visible cracked protective shield, filter and lens;

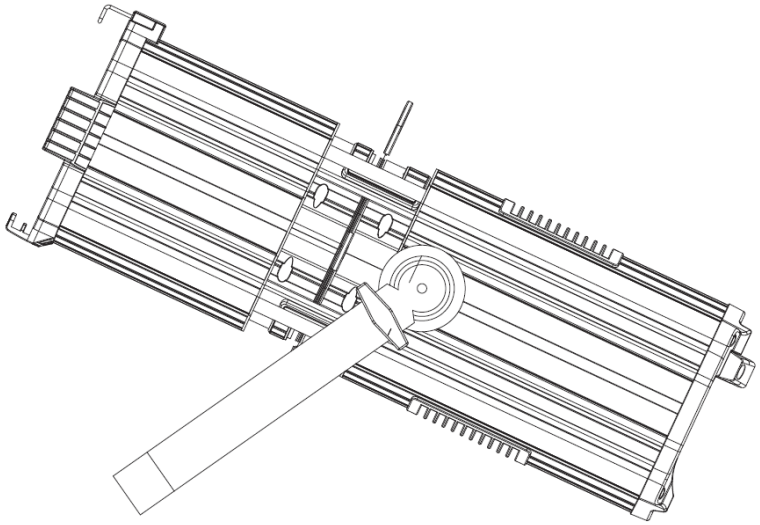
The protective shield, filters and lens will require weekly cleaning as smoke "fluid tends to building up to residues, reducing the light" Can put very quickly.

Ⅲ INSTALLATION

1. Installation

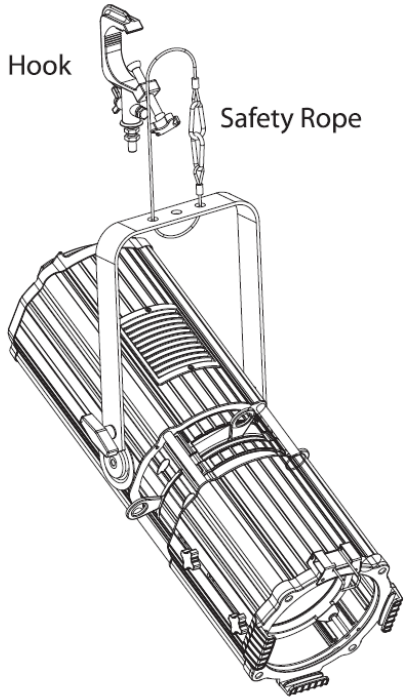
When installation, keep the device far away the heat sensitive objects and explosives sensitive objects, leave at least 50cm of free space around the device.

When 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 rigging the devices on the truss and the head face to the floor. 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.



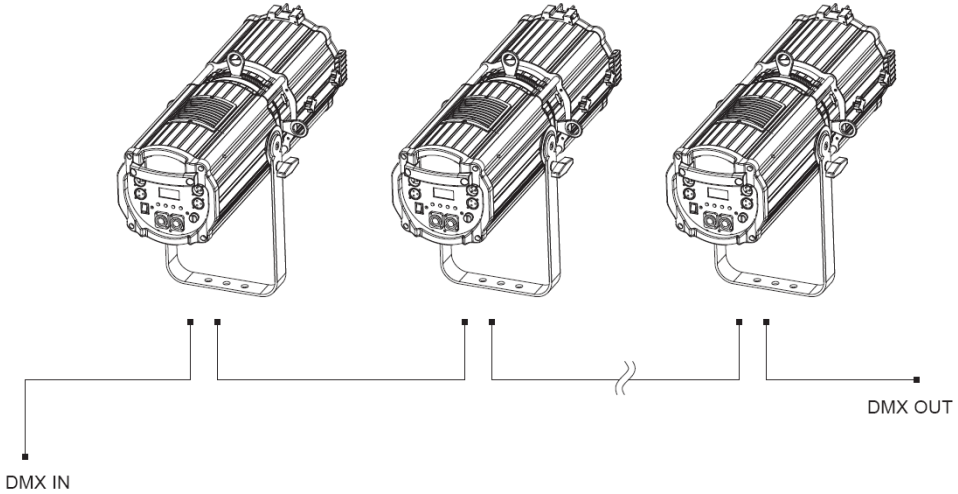
Please use qualified safety-rope, which can hold at least 10times the weight of the fixture. You must only use only safety-ropes with quick links with screw cap.

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 already hold the strain of a crash or which is defective must not be used again

2. Dmx512 Connection

Please use xlr-xlr wires connect the dmx out put of the controller with the dmx input

of the first device, and connect the DMX output of the first device with the dmx input of the second device, always connect one output with the input of the next device until all devices are connected.



Please use qualified xlr-xlr dmx cables

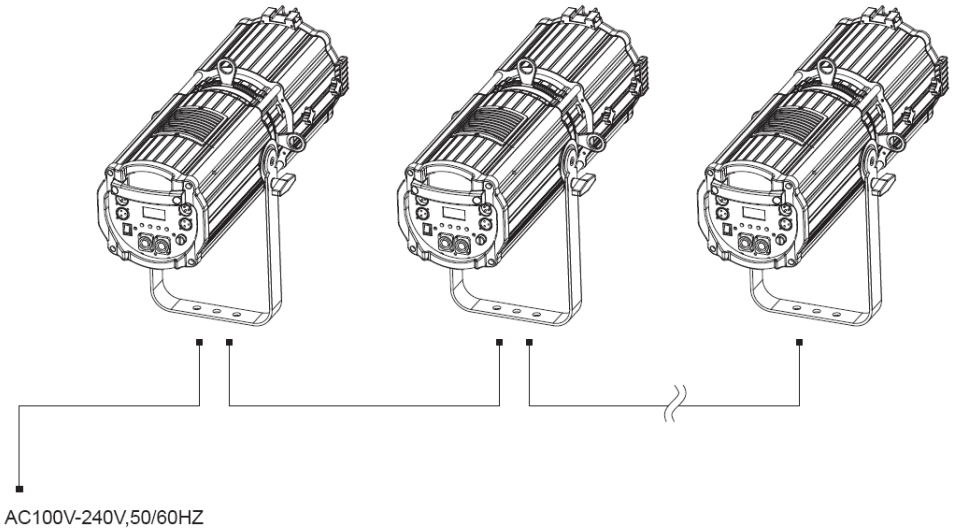
3. Connection with mains

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 250W, input power supply AC100v-240V, 50/60Hz.

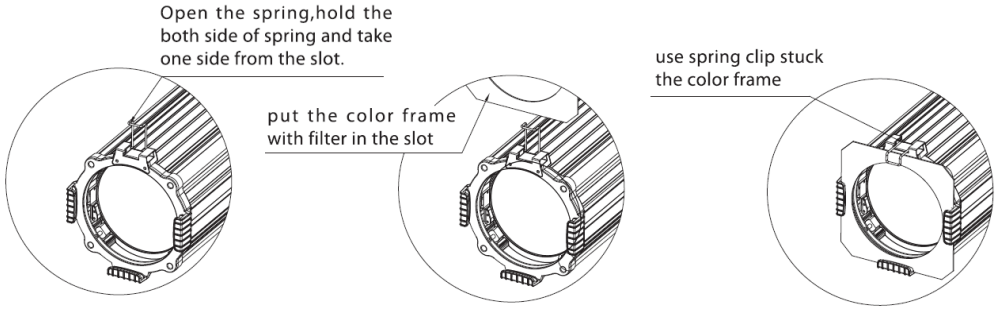


Important note: *the specification of power line is 3G 1.5 with a maximum current 13A, when power is 200V-240V, use grey plug power interconnection on the device, each group do not exceed 10 sets of equipment; when power is 100V-120V, each interconnect please do not exceed 5 sets of equipment!*

4. The use of color frame

Take out the color frame. Loose the screws insert the color and lock the screws again

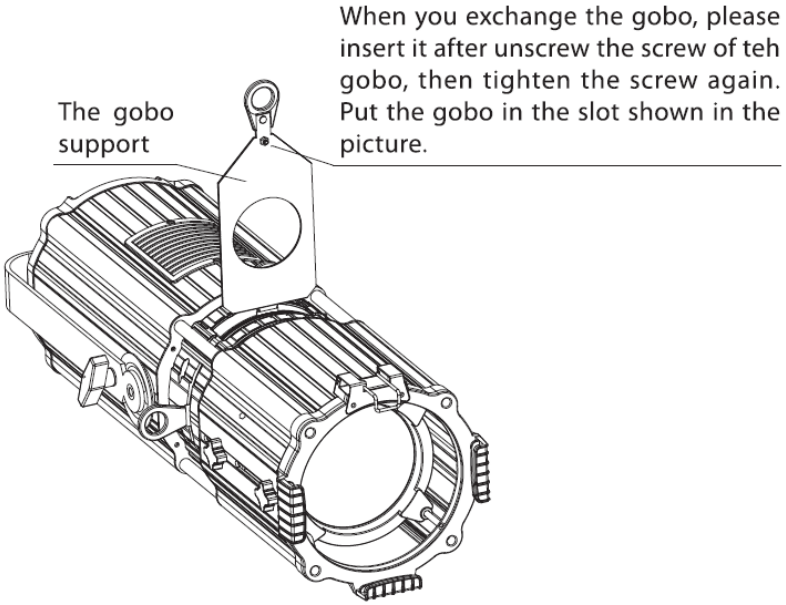
Insert the color in the slot



5. The use of gobo frame

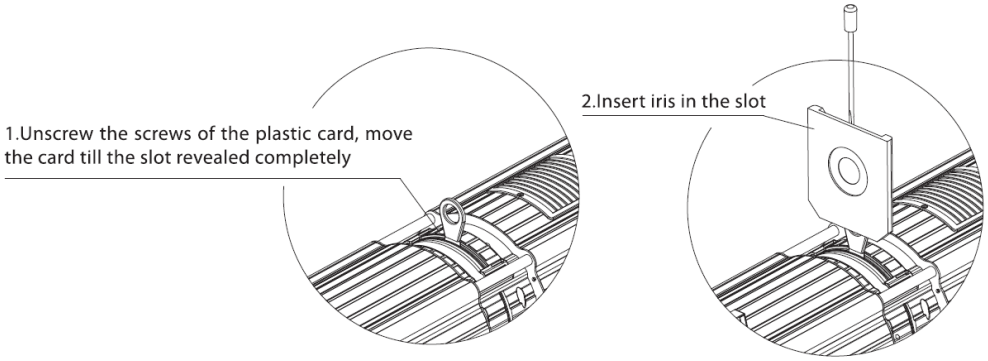
Take out the gobo frame ,loose the screws, insert the gobo and lock the screws again

Insert the gobo in the slot.



6. Use iris

Iris is not included when the projector leave factory, user can purchase the iris if needed Loose the screws and insert the iris.



7. Replacing fuse

Before replacing the fuse, unplug mains lead.

Procedure:

Step1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from housing (anti-clockwise)

Step2: Remove the old fuse in the fuse holder

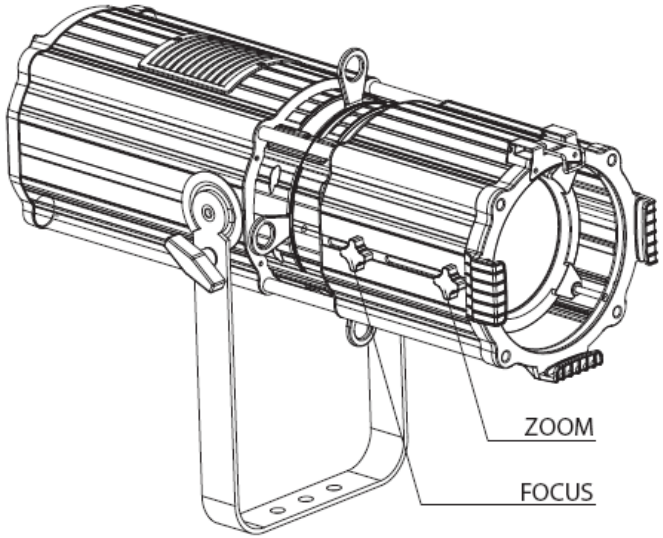
Step3: Install the new fuse in the fuse holder.

Step4: Replace the fuse holder in the housing and fix it.

8. Focus

The objective lens cylinder is usually shrinked before leaving factory after connect the projector to the mains, user may loose the screws and pull out the lens cylinder, till the white light output circular is clearly presented, locking tightly the two screws again.

When the projection distance is changed, user can follow previous operating steps and focus the projector.



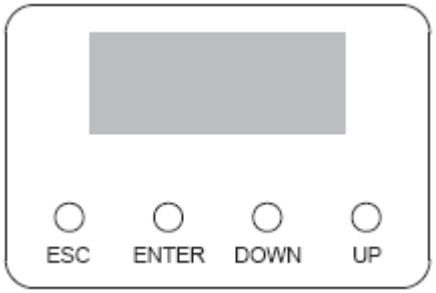
9. Dimmer

This equipment is dimming from 0-100% linear diming, which can be adjusted through DMX 512 signal, in the absence of DMX signal can be adjusted through the device menu "ManDim"! But the dimming DMX512 signal is priority, when signal input, manual dimming is invalid, in order to realize manual light, you must disconnect DMX-input!

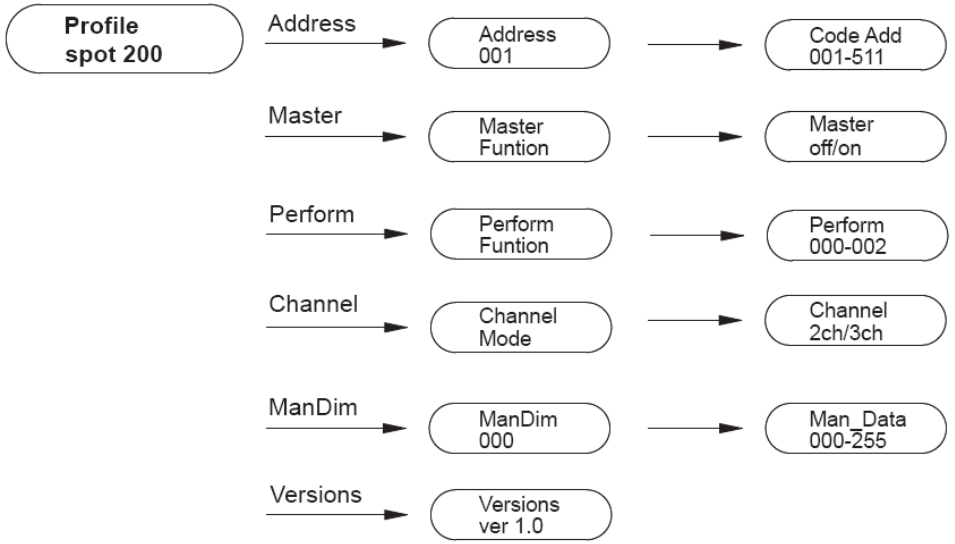
Ⅳ OPERATION

1. Description of the keys

- **ESC.**
- **ENTRR.**
- **DOWN.**
- **UP.**



2. Menu



Important notice:
This equipment is dimming DMX512 signal priority, when the input signal, the "ManDim" is invalid; as in the menu by light, please cut off the input DMX512 signal!

3. Basic setting

When turned on, the device shows Profile spot 200, then press **ENTER** button to enter the menu settings.

Address 001 is the default setting, Press **ENTER** button into and select Code Add 001 , Use the **UP** and **DOWN** button to select required address 001-511 and press to confirm or to cancel and return to the main menu. Press **ESC** button to return and confirm.

Press **UP** button to select Master Function , press **ENTER** button into Master off/on , Use the **UP** and **DOWN** button to select Master off or Master on , press **ESC** to return and confirm.

Press **UP** button to select Perform Function, press **ENTER** button into and use the **UP** and **DOWN** button to select Perform 001-002 , press **ESC** to return and confirm.

Press **UP** button to select ManDim 000, press **ENTER** button into and use the **UP** or **DOWN** button to select Man_Data 000-255, press **ESC** to return and confirm.

4. DMX channel chart

CHANNEL	DMX VALUE	FUNCTION
CH1	000←→255	Linear dimmer, 0-100%
CH2	000←→025	Shutter open
	026←→225	Strobe speed, from slow to fast
	026←→255	Open

V APPENDIX

Problem and solution

Problem	Reason	Resolution
Device not work	No power	AC100-240V, 50/60Hz Check the power connection, and make sure device connect the mains in well condition. Check if the switch is on. Check if the fuse is good.
LED Bulb is off	LED bulb damaged	Replacing LED bulb
	LED drive board damaged	Replacing LED drive board
	Temperature switch damaged	Replacing temperature switch
Fans not work	Fans damaged	Replacing fans

Caution

- Unqualified person involved with installation, operation and maintenance of this device is prohibited

- If any above mentioned problem happened, or unknown problem happened, please contact manufacturer or distributor for assistance.

Innovation, Quality, Performance, Achieving Users' Value!