V7

User Manual
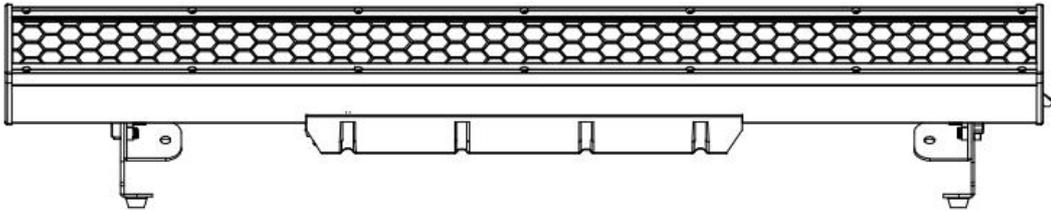
1.Safety Instructions

Please read the instruction carefully which includes important

information about the installation, usage and maintenance.

Please keep this User Guide for future consultation. If you sell the unit to another user, besure that they also receive this instruction manual.

Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealerwill not accept liability for any resulting defects or problems.

. Unpack and check carefully to ensure that there is no   transportation damage   before using the unit.

. This product is suitable for wet locations. Do not immerse in water.

. DO install and operate by qualified operator.

. DO NOT allow children to operate the fixture.

. Use safety chain when fixing the   unit.   Handle the   unit   by carrying   its base   instead of head only.

. The unit must be installed in a location   with adequate ventilation, at   least 50cm from adjacent surfaces.

Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.

Before operation, ensure that you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

Minimum ambient temperature TA: 0℃. Maximum ambient temperature TA: 40℃.

Do not operate this product at a lower or higher temperature.

DO NOT connect the device to any dimmer pack.

Keep flammable materials away from the fixture while operating to avoid fire hazard.

Make sure the power cord is not crimped or damaged; replace it immediately if damaged.

Unit's surface temperature may reach up to 65 ℃ .

DO NOT touch the housing bare-handed during its operation.

Avoid any flammable liquids, water or metal from entering the unit. Once it happens, cutoff the mains power immediately.

DO NOT operate in a dirty or dusty environment. DO clean the fixture regularly

DO NOT touch any wire during operation as there might be a hazard of electric shock.Avoid entanglement of the power cord with other wires.

The minimum distance to objects/surface must be more than 0.5 meters.

In the event of serious operating problem, stop using the unit immediately.

Never turn on and off the unit time after time.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

DO NOT open the housing as there are no user serviceable parts inside.

DO NOT attempt to operate this unit if it becomes damaged.

DO NOT attempt any repairs yourself. Repairs carried out by unskilled people can lead to damage or malfunction.

Please contact the nearest authorized technical assistance center if needed.

Disconnect this product from its power source before servicing.

DO use the original packaging if the device is to be transported.

Avoid direct eye exposure to the light source while the product is on.

DO NOT operate this product if you see damage on the housing, shields, or cables. Have the damaged parts replaced by an authorized technician at once.

2.INSTALLATIONS

installations Note: In order to increase protection, please install the lamp on the sidewalk, outside the seating area, or an area where unauthorized persons may touch the lamp

Before installing the fixture on any surface, make sure that the installation area can bear the minimum point load above 10 points of the weight of the equipment. The installation of the fixing device must always be fixed with auxiliary safety accessories (such as a suitable safety rope)

Do not stand directly under the equipment when installing, removing, or servicing fixtures

Ensure thatthis fixture is kept at least 0.5m (1.5 feet) away from any flammable materials(decorations, etc.)

Be sure to use and install the supplied safety rope to ensure safety and prevent accidental damage and/or injury in case the fixture is damaged

Installation point: Overhead installation requires a wealth of experience, including calculation of working load limits, in-depth understanding of the installation materials used, and regular safety inspections of all installation materials and fixtures. If you do not have these qualifications, please do not try to install it yourself. Improper installation can cause personal injury
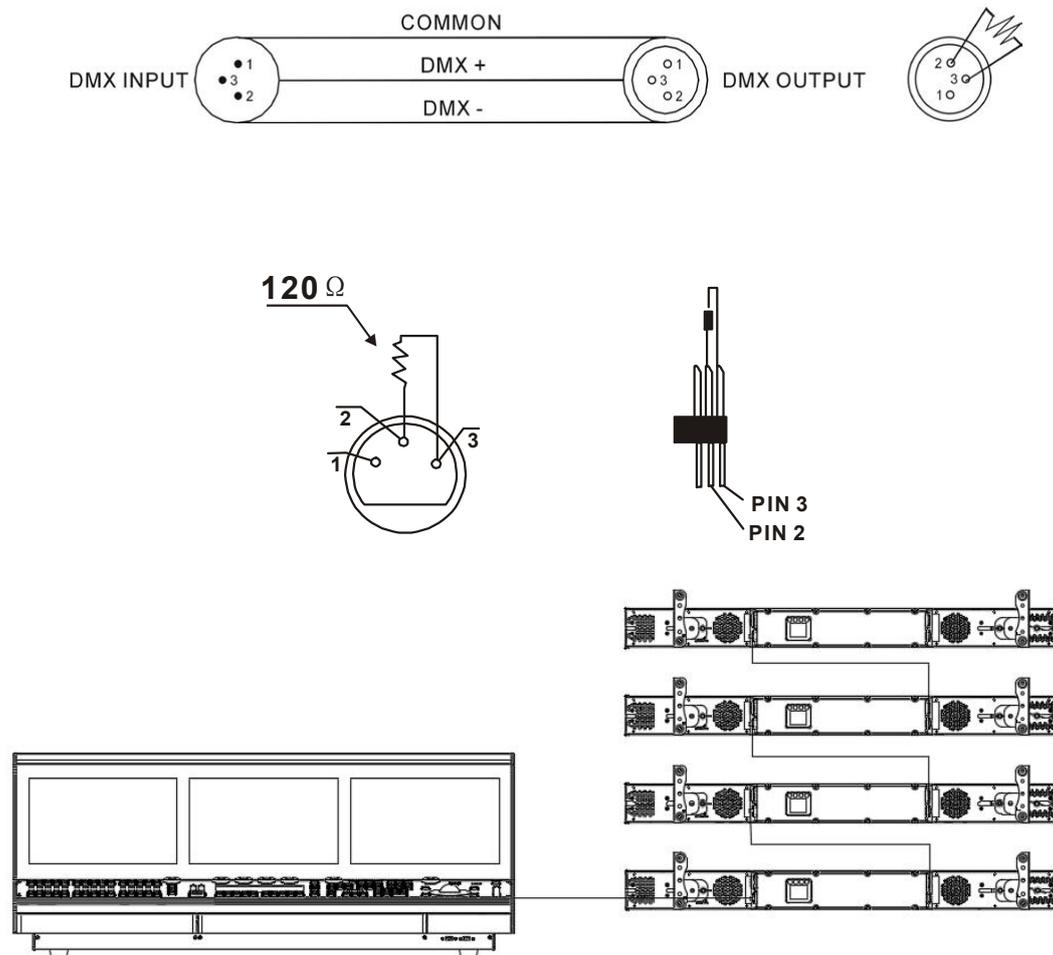
Before connecting the main power cord to an appropriate wall outlet, make sure to complete all assembly and installation procedures

3. DMX-512 control connections

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple

Moving heads be connected together through serial linking. The cable needed

should be two core, screened cable with XLR input and output connectors.

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 Ω resistor connected between pins 2 and 3,which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below
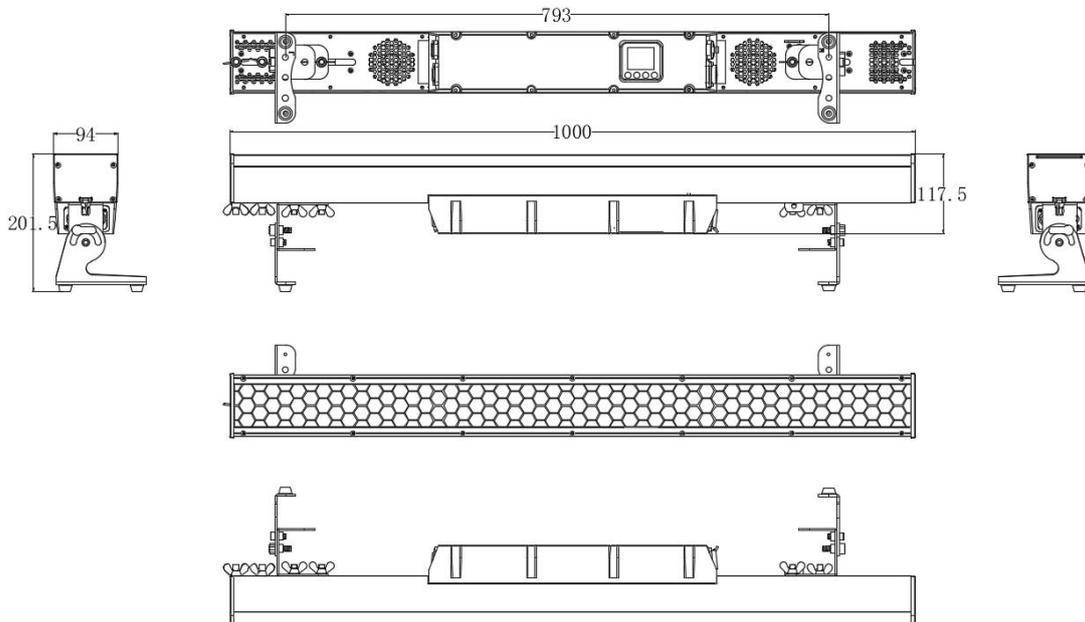

4.Address code setting

If you use a universal DMX controller to control the units, you have to set DMX address from 1 to 512 so that the units can receive DMX signal.

Press the MENU button to enter menu mode, select DMX Settings, press the ENTER button to confirm, use the UP/DOWN button to select DMX Address, press the ENTER button to confirm, the present address will blink in the display, use the UP/DOWN button to adjust the address from 001 to 512, press the ENTER button to store. Press the MENU button back to the last menu or let the unit idle 30 seconds to exit menu mode.Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel MODE	UNIT1 ADDERSS	UNIT2 ADDERSS	UNIT3 ADDERSS	UNIT4 ADDERSS
5CH	1	6	11	16
13CH	1	14	27	40
79CH	1	80	159	238
151CH	1	152	303	454

5. Fixture size

6. LED technical parameters

Input Voltage: 100-240V, 50/60Hz
Rated power:580W
Light source:6X60W LED light sources,
secondary light: 480X0.5W RGB light sources
Main light: Gold retro color 2800K
Secondary light: RGB infinite color mixing with no color shadows, rich saturation and soft colors
Variable speed dynamic color macro effect
DMX Channel: 5/13/79/151CH
Operate mode: DMX512/Auto/Master/slave/RDM
Dimmer: 0-100% smooth dimming
Strobe:1-25Hz High output strobe effect
Display：OLED display
Built in splicing pins for quick machine splicing
Signal input/output:3pin waterproof XLR socket (optional with 5pin)
Power socket: waterproof power connector input/output
Protection Rating：IP66
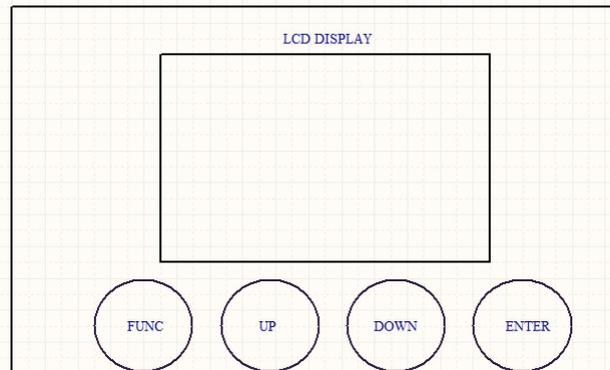Size: 100 * 94 * 114 (mm) (excluding bracket light groove)
Net weight: 8.6KG

feature

The main light source is independently controlled in 6 sections, and the auxiliary light source is independently controlled in 48 sections，The excellent and powerful strobe function can create a colorful and vibrant strobe rendering effect, and when the main LED and auxiliary LED work together, they do not affect each other. Equipped with built-in splicing pins, it can achieve quick splicing and alignment, exciting multi area macro tracking, quickly create various dynamic colors and flicker effects, strong flickering colors covering vast areas and other powerful functions, greatly meeting user needs

7.Display Panel Menu Definition

press "up down up down" to enter the HOME menu

FUNC: Menu
UP： Press UP button to select dmx address
DOWN：Press DOWN button to select dmx address
ENTER：Press ENTER to engage

7.1:settings

OPTIONS	DESCRIPTION	
DMX addr	1~512	Press Enter to select the DMX start channel use the up/down keys to change the value
Run mode	DMX	Slave: receive DMX signal from DMX/master
	Auto	Master: auto run and send DMX signal to slave
	Sound	Master: auto run and send DMX signal to slave
	Manual	Master: auto run and send DMX signal to slave
Auto set	Auto mode	0~68 auto mode
	Auto speed	0~99 from slow to fast
	Color	0~7 kinds of RGB mix colors
	Sound mode	1~4 kinds of modes
	Sound speed	0~99
Channel mode	5/13/79/151ch	DMX profile
Lcd protect	OFF	Screen backlight always on
	ON	Screen backlight delay to turn off
No DMX signal	NO	No DMX signal keep

	YES	No DMX signal clean
Line dimmer	OFF	No line dimmer
	ON	Line dimmer
Factory set		Restore the factory settings

7.2:Manual Operation

OPTIONS	VALUE	DESCRIPTION
CH 1 Dimmer	0~255	Dimmer off to full
CH 2 Strobe	0~255	Strobe speed slow to fast
CH 3 White 1	0~255	1WW
CH 4 White 2	0~255	2 WW
CH 5 White 3	0~255	3 WW
CH 6 White 4	0~255	4 WW
CH 7 White 5	0~255	5 WW
CH 8 White 6	0~255	6 WW
CH 9 Red	0~255	Red LED
CH 10 Green	0~255	Green LED
CH 11 Blue	0~255	Blue LED

8. DMX 512

5CH

CH	value	Description
1	0~255	ALL Dimmer
2	0~255	Red 0-100%
3	0~255	Green0-100%
4	0~255	Blue 0-100%
5	0~255	WW 0-100%

13CH

CH	value	Description
1	0~255	ALL Dimmer
2	0~255	WW 0-100%
3	0~5	No
	6~255	WW Strobe slow to fast
4	0~2	No
	3~5	Effect 1
	……	……
	216~218	Effect71

		219~224	Effect72
		225~233	Sound1
		234~242	Sound2
		243~251	Sound3
		252~255	Sound4
5		0~255	WW Macro Speed
6		0~255	RGB Dimmer
7		0~5	No
		6~255	RGB light Strobe slow to fast
8		0~255	Red
9		0~255	Green
10		0~255	Blue
11		0~1	No
		2~3	Jump
		4~5	Gradual
		6~7	Fade in
		8~9	Fade out
		10~11	Effect 1
		……	……
		246~247	Effect 119
		248~249	Sound 1
		250~251	Sound 2
		252~253	Sound 3
		254~255	Sound 4
12		0~255	RGB light macro Speed
13		0~255	RGB light backlight

79CH

CH	value	Description
1	0~255	ALL Dimmer
2	0~255	WW 1
……	……	……
7	0~255	WW 6
8	0~255	Red 1/48
9	0~255	Green 1/48
10	0~255	Blue 1/48
……	……	……
77	0~255	Red 24/25
78	0~255	Green 24/25
79	0~255	Blue 24/25

151CH

DMX channel	DMX value	Description
1	0~255	Dimmer off to full
2	0~255	White1
……	……	……
7	0~255	White6
8	0~255	Red1
9	0~255	Green1
10	0~255	Blue1
……	……	……
149	0~255	Red48
150	0~255	Green48
151	0~255	Blue48

10. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for troubleshooting:
A. The unit does not work, no light and the fan does not work
Check the connected power.
Measure the voltage.
Check the power indicator to see whether it can be lit up or not.

B. Not responding to the DMX controller
Check whether the DMX connectors and the DMX cables are connected correctly.
Check whether the DMX address is correctly set.
If the intermittent DMX signal problem occurs, check whether the XLR socket and the signal cable are well connected.
Try it with another DMX controller.
Check whether the DMX cables run near or alongside to the high-voltage cables, which may damage or interfere with the signal circuit.

11. Fixture Cleaning

It is absolutely essential that the fixture is kept clean to ensure the maximum light-output
and allow the fixture to function reliably throughout its life. The fixture must be cleaned
regularly to avoid dust, dirt and smoke-fluid residues building up on or within the fixture. The
cleaning frequency depends on the application environment. Clean the fixture immediately if
the dust enters it to avoid damage to the optical lens due to excessive dust.
A soft lint-free cloth moistened with any good glass cleaning fluid is
recommended, under no circumstances should solvents be used.
Always dry the parts carefully.
Clean the external optical lens at least every 20 days.