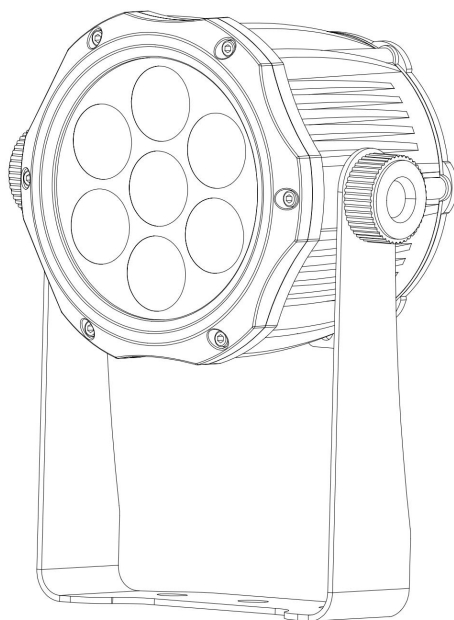


# P7



## 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, be sure that they also receive this instruction manual.
- 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°C . Maximum ambient temperature TA: 40°C . 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°C . DO NOT touch the housing bare-handed during its operation
- Avoid any flammable liquids, water or metal from entering the unit.
- 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**

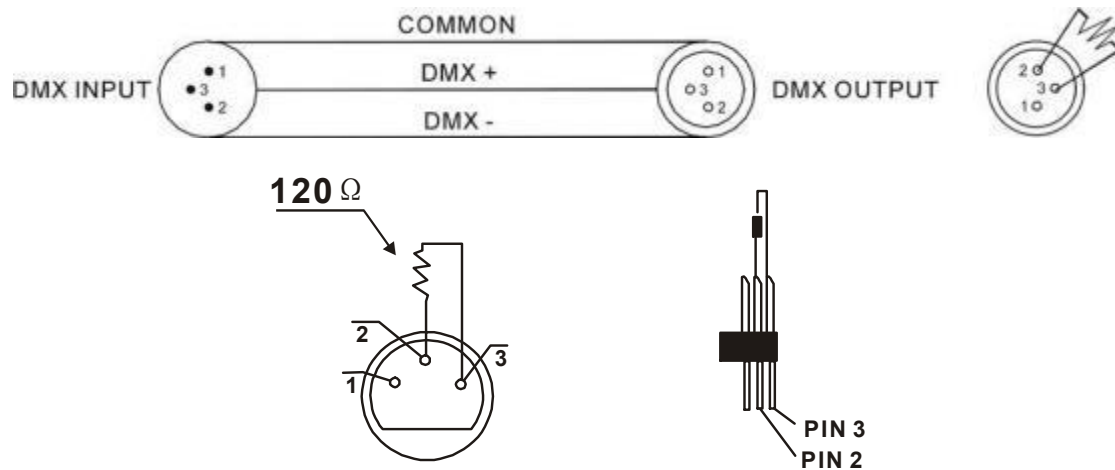
- installations Note: In order to increase protection, please install the lamp on the sidewalk, outside the seating area, or an area where unauthorized persons may touch the led
- Before installing the fixture on any surface, make sure that the installation area can bear the minimum point load above 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 that this 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  $\Omega$  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



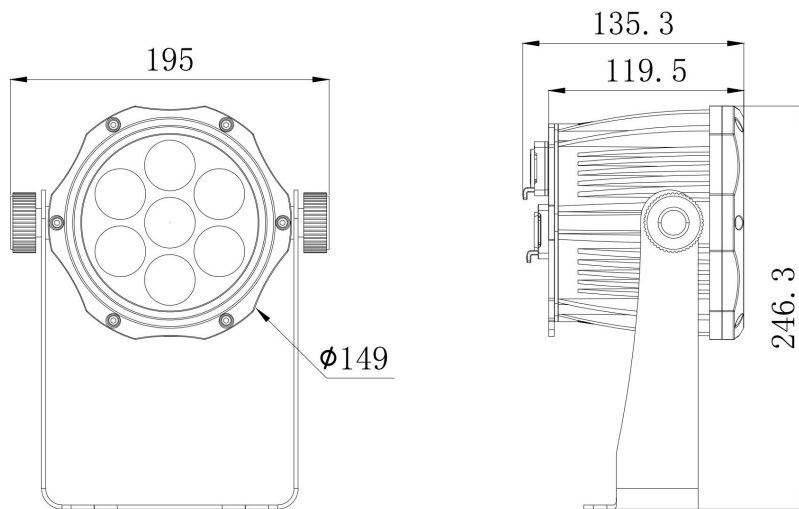
#### 4.Address code setting

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 ADDRESS	UNIT2 ADDRESS	UNIT3 ADDRESS	UNIT4 ADDRESS
1CH	1	2	3	4
4CH	1	5	9	13
7CH	1	8	15	22
15CH	1	16	31	46

## 5. LED Size



## 6.technical parameter

Input Voltage: 100-240V, 50/60Hz

Power consumption: 70W

Power supply:100W

LED source:7pcs 10W RGBW 4IN1 LED

Lens angle:20°

0-100% linear dimming

4 different dimming curve

4 different dimmer speed : LED, Halogen, Stage, and Theatre

4 refresh rate selection settings

Built-in Effect: color mixing, variable color chasing, strobing and fading

DMX Channels: 1/4/7/15CH

Operation mode: DMX512, master/slave, auto,RDM

SEETRONIC IP65 Power socket

Input connection DMX 3 pin or 5pin in&out

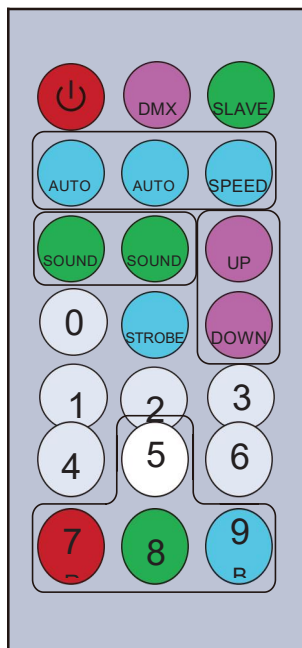
Smart temperature control

IP:65

Fixture size:284x230x296cm

NW:1.9KG

## 6.IR Controller



Power on/off button



DMX button, to control DMX address when press this button. It is channel mode when double click.



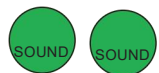
Master-slave mode button.



Automatic mode button



Speed adjustive button



Without function



Up and down button, you can choose the program that you need or numerical.



Strobe button

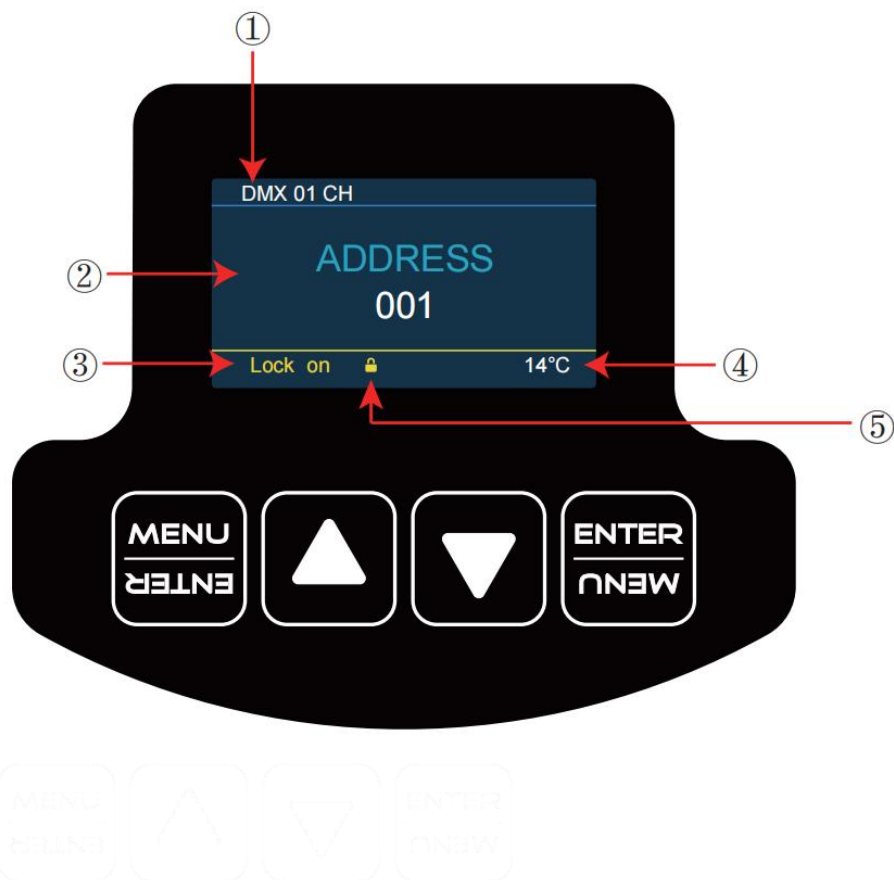


You can use these number button to adjust numerical in any program mode.



Color choosing button .

## 7.Display introduction



1. DMX means the light is in the DMX mode. Similarly, SLAVE means the light is in the SLAVE mode.

2. This item shows the menu you selected.

3. This item shows the condition of key lock. “Lock on” means the key lock is open. And “Lock off” means the key lock is close.

4. The item shows the working temperature of the light. When the working temperature exceeds the max temperature, the color of the letters and number will change from white to yellow.

5. This icon is a locked icon, indicating that the screen is locked and needs to press the password (UP DOWN UP DOWN ENTER) to open

## 8.Menu Description

First level menu	Secondary menu	Level 3 Menu	Fourth level menu
DMX Mode	DMX address	1 - 512	
	Channel mode	1/4/7/15CH	
	DMX State	Hold/black out	
Slave mode	slave		
Auto mode	Auto	0-10	
	speed	0-10	
Static color	dimmer	0-255	
	color	1-51	
	green	0-255	
	blue	0-255	
	white	0-255	
	strobe	0.20	
Setting up	Display flip	ON/OFF	
	IR remote	ON/OFF	
	Display	OFF/30S/60S	
	Key lock	ON/OFF	
	Key tone	ON/OFF	
	Dimmer curve	Linear curve	
		exponential	
		logarithmic	
		S-curve	
	Dimmer response	LED	
		halogen	
		stage	
		theatre	
	LED out put	Normal	
		highlight	
	Refresh rate	20khz	
		15khz	
		10khz	
		2khz	



	White balance	Red	500
		Green	500
		blue	500
	Factory reset	Yes/no	
Info	hardware	xxx	
	software	xxx	
	temp	Led pad	xxx
		In house	xxx
	time	Usage time	xxx
		Total time	xxx

## 9. MDX 512

1CH	value	Function
1	0-4	No function
	5-9	colour mode 1
	10-14	colour mode 2
	15-19	colour mode 3
	20-24	colour mode 4
	25-29	colour mode 5
	30-34	colour mode 6
	35-39	colour mode 7
	40-44	colour mode 8
	45-49	colour mode 9
	50-54	colour mode 10
	55-59	colour mode 11
	60-64	colour mode 12
	65-69	colour mode 13
	70-74	colour mode 14
	75-79	colour mode 15
	80-84	colour mode 16
	85-89	colour mode 17
	90-94	colour mode 18
	95-99	colour mode 19
	100-104	colour mode 20
	105-109	colour mode 21
	110-114	colour mode 22

	115-119	colour mode 23
	120-124	colour mode 24
	125-129	colour mode 25
	130-134	colour mode 26
	135-139	colour mode 27
	140-144	colour mode 28
	145-149	colour mode 29
	150-154	colour mode 30
	155-159	colour mode 31
	160-164	colour mode 32
	165-169	colour mode 33
	170-174	colour mode 34
	175-179	colour mode 35
	180-184	colour mode 36
	185-189	colour mode 37
	190-194	colour mode 38
	195-199	colour mode 39
	200-204	colour mode 40
	205-209	colour mode 41
	210-214	colour mode 42
	215-219	colour mode 43
	220-224	colour mode 44
	225-229	colour mode 45
	230-234	colour mode 46
	235-239	colour mode 47
	240-244	colour mode 48
	245-249	colour mode 49
	250-254	colour mode 50
	255	colour mode 51

4CH	value	Function
1	0-255	red
2	0-255	green
3	0-255	blue
4	0-255	white

<b>7CH</b>	<b>value</b>	<b>Function</b>
1	0-255	Dimmer 0~ 100%
2	0-19	No function
	20-39	auto mode 1
	40-59	auto mode 2
	60-79	auto mode 3
	80-99	auto mode 4
	100-119	auto mode 5
	120-139	auto mode 6
	140-159	auto mode 7
	160-179	auto mode 8
	180-199	auto mode 9
	200-255	auto mode 10
3	0-255	Auto peed /strobe speed
4	0-255	red
5	0-255	green
6	0-255	blue
7	0-255	white

<b>15CH</b>	<b>value</b>	<b>Function</b>
1	0-255	Dimmer 0~ 100%
2	0-19	No function
	20-39	auto mode 1
	40-59	auto mode 2
	60-79	auto mode 3
	80-99	auto mode 4
	100-119	auto mode 5
	120-139	auto mode 6
	140-159	auto mode 7
	160-179	auto mode 8
	180-199	auto mode 9
	200-255	auto mode 10
3	0-255	auto speed / strobe speed slow to fast
4	0-4	No function
	5-9	colour mode 1
	10-14	colour mode 2
	15-19	colour mode 3
	20-24	colour mode 4
	◦ ◦ ◦	◦ ◦ ◦

	◦ ◦ ◦	◦ ◦ ◦
	◦ ◦ ◦	◦ ◦ ◦
	245-249	colour mode 49
	250-254	colour mode 50
	255	colour mode 51
5	0-255	red 0~ 100%
6	0-255	red fine-tune
7	0-255	green 0~ 100%
8	0-255	green fine-tune
9	0-255	blue 0~ 100%
10	0-255	blue fine-tune
11	0-255	white 0~ 100%
12	0-255	white fine-tune
13	0-99	Dimmer Linear Curve
	100-149	Exponential Curve
	150-199	Logarithmic Curve
	200-255	S-Curve
14	0-99	LED Response
	100-149	Halogen Response
	150-199	Stage Response
	200-255	Theatre Response
15	0-99	Refresh Rate 20kHz
	100-149	Refresh Rate 15kHz
	150-199	Refresh Rate 10kHz
	200-255	Refresh Rate 2kHz

## 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.

