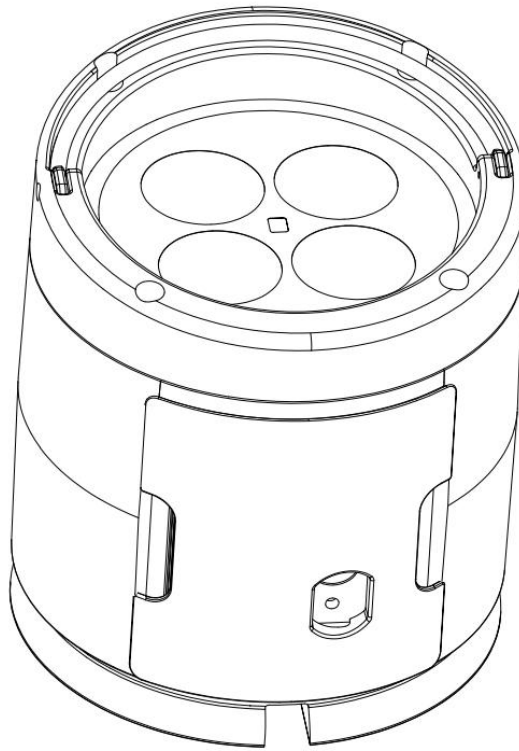


G420E-Wash



Manual

Most important: FIRST CHARGE THE FIXTURES FOR 6-8 Hours on the First Charge before use. Plug in Power cord. Turn off Power Switch and Turn off other switch to charge.

prompt

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 his 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

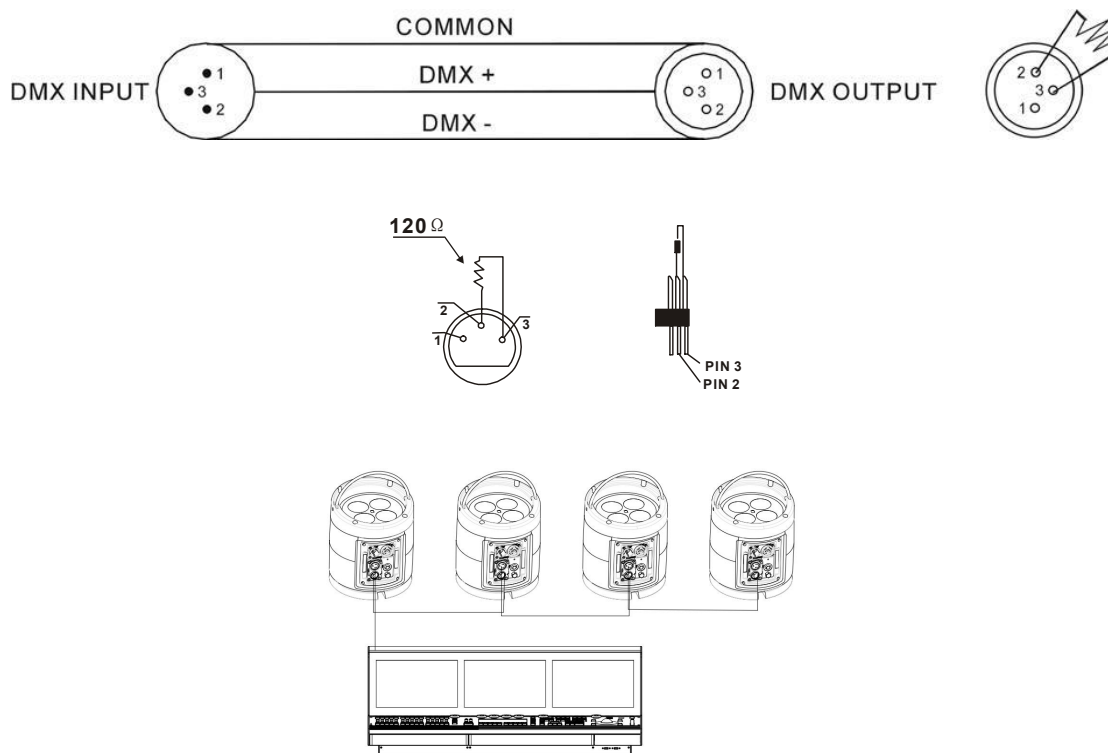
Before connecting the main power cord to an appropriate wall outlet,make sure to complete all assembly and installation procedures

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



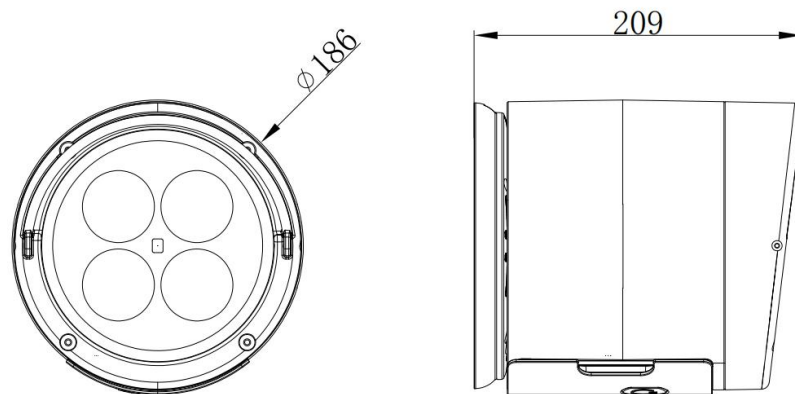
4.Address code setting

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 ADDRESS	UNIT2 ADDRESS	UNIT3 ADDRESS	UNIT4 ADDRESS
6CH	1	7	13	19
8CH	1	9	17	25
10CH	1	11	21	31

5. Fixture size



6. technical parameter

Input voltage: AC110-240V 50 / 60Hz

LED light source: 4x18W RGBWAUV 6in1LED

Channel mode: 6/8/10 CH

Control mode: DMX512, master/slave, Auto, voice control, RDM, WIFI

Dimming mode: linear dimming

Four dimming curves

Multiple adjustable refresh rates

Lens angle: 25°

Excellent color mixing effect

Display: OLED display

Battery capacity: 10000MHA

Support Swedish Wireless and Guangzhou Wireless protocols

Signal input/output: 3pin waterproof XLR socket (optional with 5pin)

Power socket: waterproof power connector input/output

Waterproof rating: IP65

Net weight: 5.7KG

Light size: 1000x94x201.5MM

Features:

This light is a battery wireless remote control WiFi multifunctional waterproof battery par light, rechargeable, can also be plugged in, can also be used with wired 512, and can also be used with wired RDM. The battery capacity is up to 14800MAH, which can meet long-term use. . A variety of refresh rate settings, dimming mode settings to meet special shooting needs. The lamp is made of cast aluminum, natural air cooling, no fan, no noise, compact structure, small size and light weight.



7. Menu function description

display mode				Function Description	
Address	001—512			Address set	
Channel	6CH			6CH	
	8CH			8CH	
	10CH			11CH	
DMX Fail	Blackout			Signal clear	
	Hold			Signal keep	
Frequency	600HZ			600 HZ	
	1200HZ			1200 HZ	
	2000HZ			2000 HZ	
	4000HZ			4000HZ	
	12KHZ			12KHZ	
	25KHZ			25KHZ	
Custom	Red:0-255			Red manual dimer	
	Green:0-255			green manual dimer	
	Blue:0-255			Blue manual dimer	
	White:0-255			White manual dimer	
	Amber:0-255			Amber manual dimer	
	UV:0-255			Purple manual dimer	
Program	Static	Colour:01-32		32types of static color mixing	
		Speed:00-16		Strobe speed	
	Macro	Speed:01-16		Color jump	
	Fade	Fade 01	Speed:01-16	Color gradient	
		Fade 02	Speed:01-16	color mutation	
		Fade 03	Speed:01-16	Color pulsation	
	Sound	Sound:01		Voice	controlled

		Sound:02	Voice controlled mutation
		Sound:03	Voice controlled color changing flicker
		Sound:04	Voice controlled color change+mutation+color changing flicker
	WIFI	LED_XXX	WIFI mode
Master/ Slave	Slave	Receiving mode, the slave status light is on green	
	Master	Sending mode, the host status light is on blue	
Wireless DMX		On	Wireless activation
		Clear	Clear (status light on white)
		Connect	configuration
		Off	Wireless shutdown
Economy Mode	Normal/Economy		LED usage mode setting
Back Light	20s		Display standby for 20 seconds and turn off the screen
	30s		Display standby for 30 seconds and turn off the screen
	40s		Display standby for 40 seconds and turn off the screen
IR	ON/OFF		Infrared remote control on/off
Menu Lock	ON/OFF		Button lock on/off (When the screen is locked, long press the UP+DOWN key to unlock)
Factory Reset	NO/YES		Reset
Curve	Led Curve 1		Linear
	Led Curve 2		Square Curve
	Led Curve 3		Logarithmic curve
	Led Curve 4		s-curve
Information	Version	V1.0	Software version
	Current Time	00H00M00S	Usage time
	RDM	xxx	ID number

remarks:

A、 In A001 state mode, press and hold the ENTER key for 3 seconds, and the program will automatically enter current regulation mode. Press the ENTER key again to select the color (adjust the value with the up and down keys), and then press the menu key to return.

B、 When the host sends, the frequency band indicator light flashes slowly in red, and when the slave receives, the frequency band indicator light flashes slowly in green.

C、 The steps for controlling mobile WIFI are as follows:

Step 1: Install the app for this software on your phone first (LED LAMP - Stage - LED LIGHT)

Step 2: Switch the display function of the lighting fixtures to WIFI mode (under menu Program \ WIFI mode)

Step 3: Open the settings icon on your phone, turn on WIFI and search for the WIFI address. The words starting with LED will appear. Like "LED-XXX", click on the link

Step 4: Return the phone to the main interface, find the app installed on the phone and open it. Wait for the link to succeed to control it.

D、 Pair the master and slave devices in Wireless mode, set all slave lights to Receive mode, and perform a (Clear) clearing operation (indicator light turns white). Select another lighting fixture as the host and set it to Transmit mode. First, perform a Clear operation, and then Connect configuration (the indicator light is blue). During the configuration process, the green light from the slave will flash.

E、 During the charging process, a charging interface will appear on the display screen (if you need to use the lamp while charging, press the MENU button on the charging interface to enter the operation mode and running mode of the lamp)

F、 Over temperature protection function: (1. When the temperature reaches 50 degrees and 59 degrees, the program will automatically reduce the brightness by 30%. 2. When the temperature reaches 60 degrees and 69 degrees, the program will automatically reduce the brightness by 25%. When the temperature reaches 70 degrees and 79 degrees, the program will automatically reduce the brightness by 30%. When the temperature reaches 80 degrees, the program will automatically turn off the light.)

8. DMX512 channel

CH	6CH	8CH	10CH
CH1	Red	dimmer	Dimmer
CH2	Green	0-9Close 10-255 Strobe	Red
CH3	Blue	Red	Green
CH4	White	Green	Blue
CH5	Amber	Blue	White
CH6	Purple	White	Amber
CH7		Amber	Purple
CH8		Purple	0-9Close, 10-255 Strobe
CH9			0-9Close 10-50 static color mixing 51-100 jump mode 101-150 Gradient Mode 151-200 mutation mode 201-215 color changing voice control 216-230 color strobe sound control 231-245 mutation voice control 246-255 breathing voice control
CH10			Speed

9. Infrared remote control function:



attention:

- 1) In a place as long as the infrared function to open a lamp
- 2) At the same time and console infrared can only choose a control mode (infrared to operate in the host mode);
1. Dimming up button
2. Dimming down button
3. OFF closed light pause
4. ON operation
5. R, G, B, W, A, UV keys are 6 kinds of single colors
6. 0 key is 32 kinds of color mixing, up and down keys to adjust
7. 1-9 number keys are 9 kinds of color mixing
8. The AUTO key is for color jump, and the up and down keys are used to adjust the speed
9. The STROBE key is strobe, the up and down keys adjust the speed
10. The FADE key is a color gradient, and the up and down keys are used to adjust the speed
11. The SOUND key is for voice control, and the up and down keys are used to adjust the voice control mode

10. Scan this QR code and download the LED LAMP APP to control the lamps with your phone (Android ISO system can be used)



The operation steps of mobile WIFI control are as follows:

Step 1: Install the APP (LED LAMP) of this software first on the mobile phone

Step 2: Switch the lamp display function to WIFI mode (under the menu Program\WIFI mode)

Step 3. Turn on the setting icon on the phone, turn on WIFI and search for the WIFI address, the words starting with LED will appear. Such as "LED-XXX", click the link

Step 4, the phone returns to the main interface, find the phone to install the APP and open it, and wait for the link to be successfully controlled.

The lamp is used with DMX. When it is not used wireless, please switch the wireless function to "off"

When using wireless DMX, please turn on the button

When charging the light, if the switch power is "on", the light will be on during the charging process, but some power will be consumed. If the power switch is in the "off" state, the light will be off and not in Work.

Battery and charging tips:

After fully charged, when all the LED lights are on, the battery can last for 4-5 hours

In automatic operation mode, the battery life will exceed 10 hours, and the results will be different depending on the operation mode.

LED-based brightness

It is recommended to charge the battery for at least 5-6 hours, so as to prolong the service life of the battery.

The battery is a consumable item, as time goes by, the battery life will be affected

