

# LED Outdoor Washer 60

## User Manual



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Thanks for choosing our goods please read this manual carefully  
before your operating and keep this manual for future needs

Thank you for purchasing LED Outdoor Washer 60, Every unit has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. You now own a professional lighting unit that offers endless possibilities.

For your own safety and that of others, please read this instruction manual carefully before installing the unit.

Anyone involved in installing, operating or servicing the LED Bar must:

- **Be a qualified, authorized professional**
- **Strictly follow the instructions in this user manual.**

Please take the time to read this manual carefully and thoroughly before installing and operating the luminaire. You should have a good knowledge of its operating conditions and all pertinent product information.

After you have become familiar with this manual, we recommend that you keep a copy for future use. All the information found in this manual

is subject to change without notice. We reserves the right to modify and upgrade its range of products, with no obligation to integrate these changes into products already sold.

### **Warning**

- To prevent or reduce the risk of electrical shock or fire ,do not expose the unit to rain or moisture.
- Do not open the unit within five minutes after switching off.
- Please consider that damages caused by manual modifications to the device are not subject to warranty.

### **Installation**

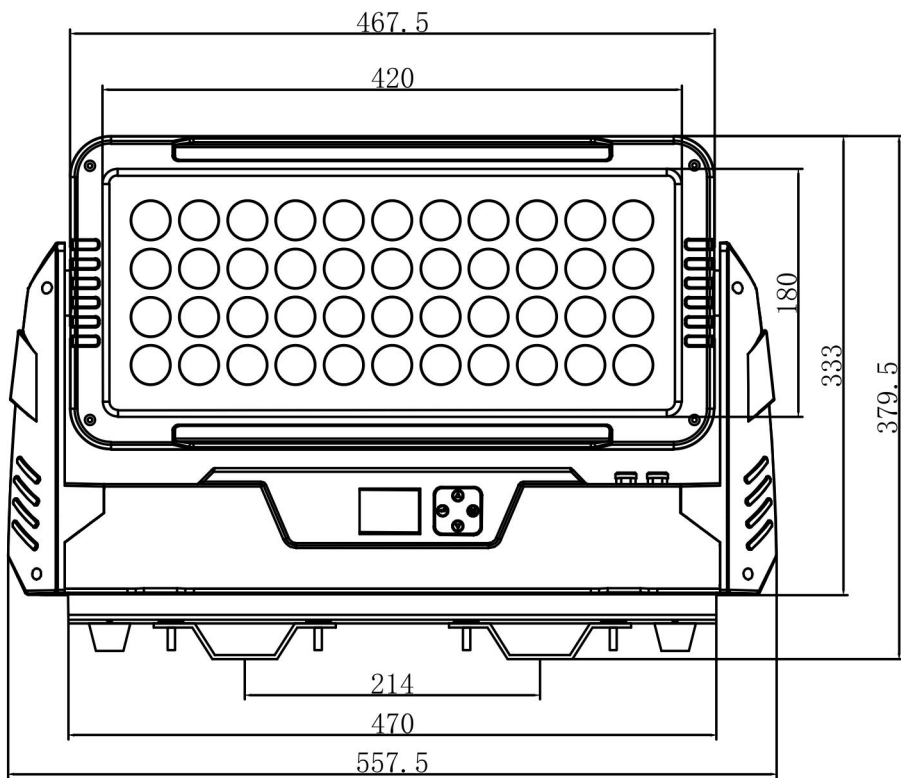
The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit' s weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

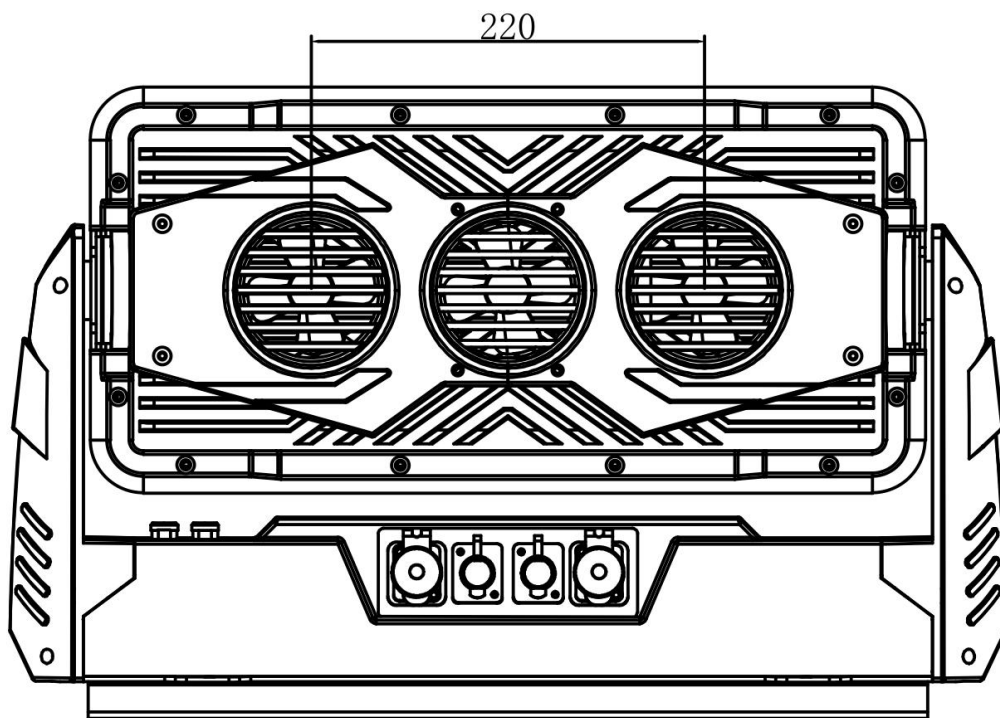
## **Specifications and Features:**

- LEDs: 60pcs 10W RGBW 4in1 LEDs
- Power Consumption:600W
- DMX Channels: 10 DMX Channels
- RGBW Color Mixing
- Lens: 35 degree
- 4 DMX Channels Mode:4CH,5CH,9CH
- Photometric Data:81500 LUX@1M,12400 LUX@3M,5020 LUX@5M
- Strobe/ Pulse: 1-10 times/S
- IP Rate: IP65
- Built-in program with speed.
- Waterproof XLR 3PIN Connector in/out
- Powercon True1 in/out
- Work mode: Auto,DMX
- With handle and safe
- Power input:110~240V,50/60Hz
- Plastic/Aluminum Housing
- Size: 56x13x33cm
- Net Weight:15.5KG

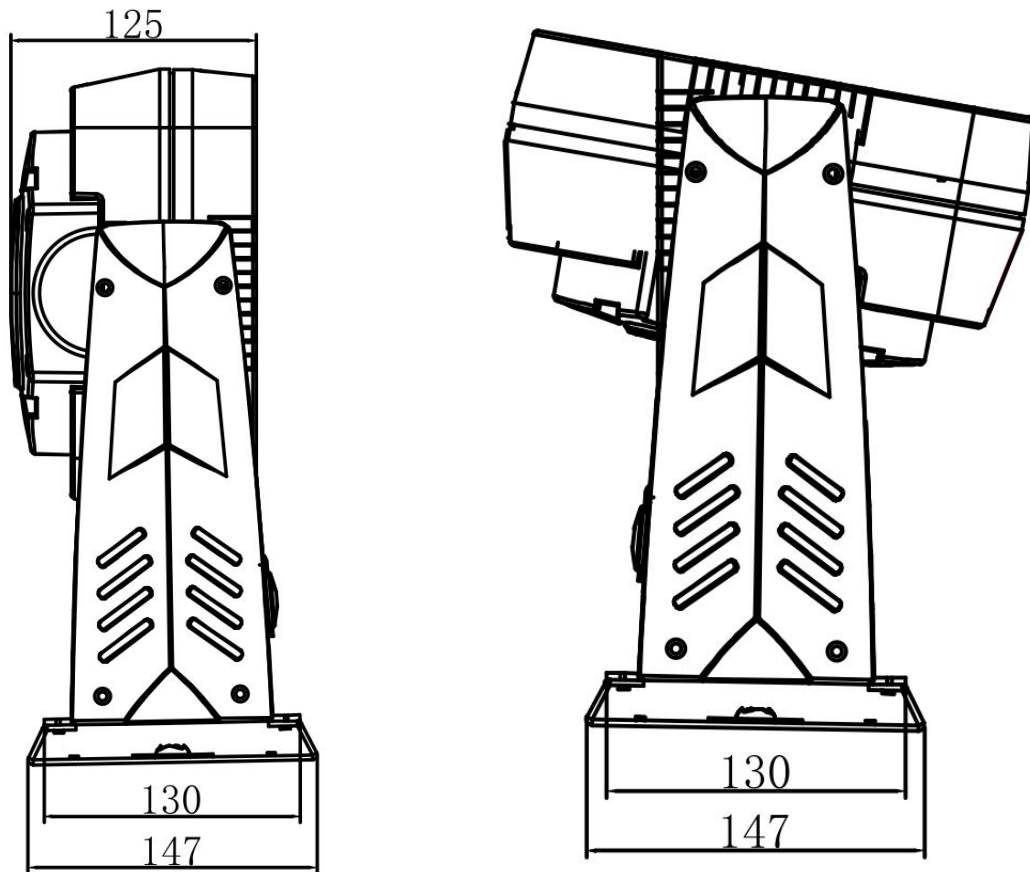
**Product View**



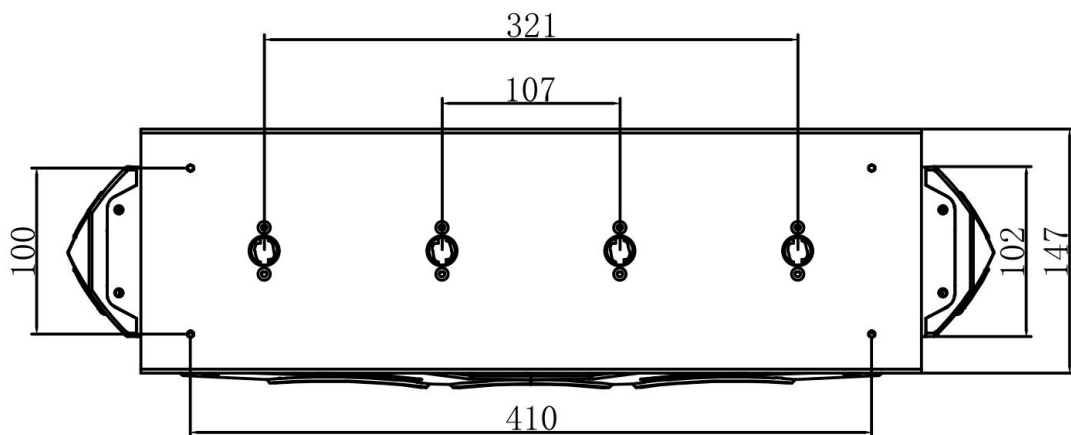
**(Front)**



**(Back)**



**(Side)**



**(Base)**

## Control Panel

The control panel is the mechanism for configuring the settings. It has a small LCD screen and four buttons, which are described below.

Button	Function
<MENU>	Scrolls through the first level of options, or exits from the current menu or function
<UP>	Navigates upward through the menu list or increases the numeric value when in a function
<DOWN>	Navigates downward through the menu list or decreases the numeric value when in a function
<ENTER>	Enables the currently displayed menu or sets the currently selected value in to the current function

## Menu Structure

### 1. DMX Address

1. Address: Set DMX Address 001~512
2. Channel Mode: 4Channel  
6Channel  
9Channel

### 2. Manual

1. Dimmer
2. Strobe
3. Red
4. Green

5. Blue

6. White

### 3. Macro

1. Run Mode: Stop

Flash

Fade

Pulse

2. Speed: 0~255

### 4. System

1.Host Mode: Off

On

3. Language: English

中文

3.Backlight Setting: Auto

Keep on

3.Curve: Curve 1

Curve 2

Curve 3

Curve 4

4. Blackout Time(ms)



## 5. Information

1. Device Tou(min)
2. About

### DMX Channel function and values:

DMX Channel				
Channels			Value	Description
4 CH	5 CH	9 CH		
	1	1	0-255	Dimmer 0-100% Intensity
	2	2	0-3	Strobe No
			4-255	Strobe from slow to fast
1	3	3	0-255	Red 0-100% Intensity
2	4	4	0-255	Green 0-100% Intensity
3	5	5	0-255	Blue 0-100% Intensity
4	6	6	0-255	White 0-100% Intensity
				Color
			0-31	None
			32-63	Red
			64-95	Green
		7	96-127	Blue
			128-159	White
			160-191	Red+Green
			192-223	Red+Blue
			224-255	Green+Blue
		8		Macao Function

			0-100	None
			101-150	Jump
			151-200	Fader
			200-255	Pulse
		9		Speed
			0-255	Speed from slow to fast

## Trouble shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

1. The unit does not work, no light and the fan does not work
  - a. check the connection of power and main fuse.
  - b. Measure the mains voltage on the main connector.
  - c. Check the power on Led.
2. Not responding to DMX controller
  - a. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
  - b. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
  - c. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
  - d. Try to use another DMX controller.
  - e. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface

circuit.

3. Some units don't respond to the easy controller
  - a. You may have a break in the DMX cabling. Check the LED for the response of the master/slave mode signal.
  - b. Wrong DMX address in the unit .Set the proper address.
4. One of the channels is not working well
  - a. The stepper motor might be damaged or the cable connected to the PCB is broken.
  - b. The motor's drive IC on the PCB might be out of condition
5. Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates :damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- a. Clean with soft cloth using normal glass cleaning fluid.
- b. Always dry the parts carefully.

## **Warranty**

The LED Outdoor Washer 60 is guaranteed against manufacturing defects for the duration of one (1) year from the date of purchase.

This warranty does not cover the unit for evidence of physical shock or damage caused by abuse or any use not in accordance with the operating conditions set forth in the present user manual.

In addition, cosmetic defects caused by the normal wear and tear of the unit are not covered under the warranty.

Any modification to the fixture will void the warranty. We cannot under any circumstances be held liable for quality and conformity regarding the installation of this product, which is the responsibility of the installer. the device and before use, may be covered by the warranty.

The manufacturer is not responsible for any errors or omissions that may occur in this document. All information contained in this manual is subject to change without notice.