

# SHOWLIGHT LED Followspot 1000/1000 DMX

## User Manual



Welcome to buy and use the LED follow spot light. Please read this manual carefully before using the product.

### **[Declaration]**

This product has passed the company's various tests before leaving the factory and is a qualified product. Before use, please be sure to check whether the packaging is intact and whether the accessories in the product packaging are included. If you want to increase tracking After-sales service, you can fill out a product warranty card and send it back to our company. Thank you for your cooperation!

### **[Product unpacking and installation]:**

1-Unpacking: When unpacking the product, place the product upwards on a flat ground according to the mark on the outer package, open the outer package, carefully take out the packaging materials and accessories inside, and hold the product with your hands. Draw your hand, take it out of the box and place it on the flat ground.

2: This product can be installed in a variety of ways: flat, ① flat: please place the follow spot light on a predetermined plane, and try to make the side of the follow spot light easy to operate.

### **Product Description:**

1000W follow spot light adopts high-power LED light source. The color temperature is appropriate and the color rendering index is high. The lamp structure is made of all-aluminum alloy material, which is small in size, light in weight and high in brightness. The high-power fan cooling system ensures the safe, continuous and stable work of the lamp. This kind of lamps is widely used in the stage, theater, film and television and gymnasiums and other places to chase people and scenery.

### **Technical Parameters**

Using 1000W high-power LED light source

The lamp bead adopts imported chips and has a life of 50,000 hours

This product has three color temperature adjustable 3200K / 5600K / 8500K

Color rendering index exceeds CRI>90

The lamp body is made of all aluminum alloy materials, small in size, light in weight and high in brightness

For the better operation of the lighting engineer, we made a rotating design on the opposite control panel

Twelve 8mm thick copper tubes are used for heat conduction and then heat dissipation through a large area of aluminum fins to ensure the best heat dissipation of the LED lamp beads

This product has five color changes: white light and red, yellow, green, blue and orange

0-100% linear dimming

6-10 degree linear zoom and focus function, and all adopt electronic push rod and 512 control, no manual operation is required

Light size: 1205\*375.5\*422.7mm

Light weight: 38KG

Bracket size: 1200\*240\*200MM

Air Box size: 1310\*600\*620MM

Air Box weight(Including light and brackets): 80KG

This kind of lamp is widely used in stage, theater, film and television and gymnasium, etc. for close-up of people and scenery.

**Panel Control:**

1. The follow spot light starts to reset automatically after power on;
  2. The color buttons correspond to the colors on the color wheel and are used to select colors;
  3. The black button controls the light on and off;
  4. One push rod corresponds to dimming;
- The second putter corresponds to the color temperature;  
 Three putters correspond to the aperture;  
 Four putters correspond to stroboscopic;  
 Push rod five corresponds to zoom in;  
 Push rod six corresponds to focusing;

**Console Mode**

In the case of DMX signal input, the lamp control will give priority to DMX signal;  
 OLED display can adjust DMX start address;

Route	Channel	Channel value
1	Colour	Change the color every 50 values;
2	Dimming	0-255 from dark to bright; ;
3	Color Temperature	Change the color temperature every 60 values;
4	Aperture	0-255;
5	Strobe	0-9 is invalid; 10-255 from slow to fast;
6	Enlarge	0-255;
7	Zoom	0-255;
8	Reset	200-255 Reset;

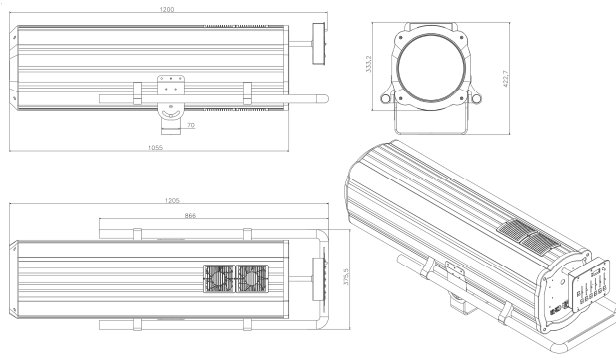
**Description of the buttons:**

- The knob on the right side of the display panel is the wheel button;  
 The black button is the light bulb switch;  
 The white button is to switch to white light;  
 The red button is to switch to red light;  
 The yellow button is to switch to yellow light;  
 The blue button is to switch to blue;  
 The cyan button is to switch to cyan light;  
 The orange button switches to orange light;

**Menu structure:**

Main interface	--DMX Address		
	--DMX Fail	--Hold	Signal hold when there is no DMX signal
		--Blackout	The signal is cleared when there is no DMX signal
	--Dimmer Curve	--Linerar	Dimming curve selection straight line
		--Exp	Exponential curve
		--Log	Logarithmic curve
		--S-Curve	Sine curve
	--Dimmer Resp	--LED	Dimming delay off
		--Halogen	Dimming delay on
	--Auto Lock	--NO	Screensaver off
		--YES	Screensaver on
	--Temperature		Current Temperature
	--FixtureHours	--Power On	Total usage time
		--Lamp On	Total bright bubble time
--Strikes		The bright bubble time	
--FirmWare		Version number	
--Exti		Drop out	

## SIZE



### [Attention]

- Warning! 1000W LED Follow Spot is used by professionals. Non-professionals do not use it alone in case of danger.
- The following unhealthy phenomenon will appear for improper use. The leakage of case will appear for the bad connection between power and ground. The ultraviolet radiation from the light source, the explosion of bulb and the poor lamp holder will cause the falling of the body of light.
- Reading the manual carefully before you turn on the power and install the light. Following all the safety precaution, following instruction and all the warning.
- Prevent the electric shock.
- Please cut the AC power when you replace bulb, fuse, any other parts and not in use.
- Keeping good grounding state between power and ground wire.
- Comply with the power stand of specification requirement and install the grounding facilities that with overload protection device.
- Prevent the attack by ultraviolet radiation and bulb explosion.
- Don't operate the moving head light that direct emit strong light don't through optical lens filter.
- Turn off the power source and ensure the temperature of light not obviously higher than environment temperature.
- Don't straight look at the bright mouth of light
- Prevent from person burns or field on fire
- Don't make the directly short circuit between temperature control switch and fuse. Renewal the detective temperature control switch or the fuse as the original type.
- Keep the flammable materials (alcohol, gasoline, paper) away the light at least 1 meter. In case to ignite other flammable object for the over temperature of light body.
- It can't close fire for long time in 1 meter. For the light not belong to non-combustible materials.
- Don't put filter or other items on the three lens of the light.
- The surface of the light will become hot after long time using. So you exchange the bulb or other parts until it cooling to the room temperature.
- Do not repair or installation the light by use of the accessories that not approved by the original factory.
- Do not use the light when the around temperature over 40 degrees.
- Prevent the accident for the falling of the light
- Do not raise the light alone
- Don't use the light hook and fixture that don't meet the requirement of instruction manual.

- Set up barriers around the work area whenever you installation or take down the light and prevent the non-operate enter.

### **[Maintenance and repair]**

- **Attention**

Regular level 3 maintenance of light

Check the tension of screw firmness that operating within the light (color dish's fixed screw)

Clean up the dust and debris and keep the light clean.

Clean the glass lens within the light (reflectors, color piece, corrugated mirror etc.)

The excessive dust, smoke and particles can be eroding appearance of light even damage equipment for overheating

Off the power before detach shell of light

**Danger ! ! !**

**Please off power before maintaining.**

- **Cleaning**

Disconnect the power, cool light completely. Remove the lamp cover.

Use a vacuum cleaner or air compressor produced gas to remove the dust of surface of light.

Optical lens need clean every week, or it will reduce brightness.

Cooling fans need clean monthly. Ensure the vent fan smooth to ensure the cooling effect of the bulb.

Check gas nets, such as clean up jam filter, change filter gas nets when needed.

The clean of gobo must use soft brush. Light internal clean at least six months, can use the vacuum cleaner or air compressor produced gas removal dust.

Color pieces, gobo pieces and the optical mirror need to clean monthly.

Clean optical element be careful, It is easy to stroke and damage of optical components surface, don't using liquor, it may damage the coating surface of optical lens.

In order to ensure the normal function of gobo wheel and focus, we suggest add lubricating oil in the bearings every six months. Remember: oil cannot too much, especially the gobo wheel, or it will cause other problems for the oil would flow when gobo wheel or gobo rotation.

Clean PCB board every three months (too much dust and dirt can lead to PCB work un-normal); Please with soft brush or air compressor produced gas to remove dust (air pressure can not be too strong).

Lamps and lanterns without any useful things except bulb insurance tube,

Please installation and replacement bulbs according to the instructions of the manual.

- Replace insurance pipe

If you want to change insurance tube, please replace with original (including current voltage, etc.)

Please draw power plug before replacement insurance pipe, avoiding dangerous!

## Warranty Card

**Product Name:**                      **Product number:**                      **Date of manufacture:**

**End user:**                                      **User purchase date:**

**Company Name:**                                      **Sales shop:**

**Address:**                                      **Contact person:**

**Contact person:**                                      **Telephone:**

**Telephone:**                                      **Stamp:**

**Note: The above blanks must be filled in and stamped truthfully by the end user and point of sale, otherwise the warranty will not be granted.**

**(Please see below for the warranty period and terms)**

**Warranty period: This product is guaranteed for one year from the date of purchase**

### **Warranty:**

**1. During the warranty period, if you use this product under normal conditions, you can present the warranty card and the valid purchase receipt (or copy) according to the content of this warranty clause, and enjoy free of charge at the designated service center or production plant. Maintenance service.**

**2. During the warranty period, paid maintenance services will be implemented in the following situations.**

**(1) Cannot produce a valid warranty card;**

**(2) There are omissions, alterations and no sales names on the warranty card;**

**(3) Failure or damage caused by force majeure;**

**(4) Failure or damage caused during transportation and unloading;**

**(5) Failure or damage caused by failure to follow the instructions for use;**

**(6) The product is disassembled and disassembled without the authorization of the manufacturer or by non-professionals.**

**Failure or damage due to repair or modification.**

**(7) Failure caused by the use of a missing and non-repairing control system that is not approved by the factory or is not supported by the factory.**

**(8) Consumables (light bulbs)**

**3. Please keep the warranty card properly.**

