



DREAMLIGHT



DREAM LIGHT Workshop

User Manual

DLW L300 WSL



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Technical Parameters

Electrical parameter

Input voltage: AC100-240V 50/60Hz

Input power: 350W

Maximum input current: 3.5A

Light source parameter

1728 0.5W LED patch lamp beads, single and double color temperature

constant power $\geq 300W$

Light source life: 50,000 hours

Optical parameter

Beam Angle: 120° (90° cellular network can be selected to make the light more concentrated)

Brightness: 3m $\geq 1200lux$ (5600K)

Color rendering index: Ra ≥ 95 , R9 ≥ 95

Color temperature: 3200K-5600K color temperature is adjustable

Effect configuration

Strobe: 0-30 Hz

Dimming: Linear dimming

Electronic control technology

Control channel: 5CH

Control protocol: DMX,RDM

Control interface: XLR-3

Display: TFT LCD color screen with 4 buttons

Size and weight

Product size: 520X315X135 (mm)

Packing size: 620X380X270mm (2pcs/ box)

Net weight: 8.3Kg

Gross weight: 10Kg

Conditions of use

Operating temperature: -20°C~40°C

Maximum surface temperature: 55°C

Protection level: IP20

Preface

This Manual contains important information about the installation and use of the product. Please strictly follow these related instructions during installation and use. Before turning on the product or performing repairs, etc., make sure that the power is off.

1. Please read the entire contents of this Manual carefully. (Please keep this Manual with the soft light for future reference).

2. In order to ensure the correct and safe installation, use and maintenance of this product, you must understand and follow the instructions in this Manual.

3. The manufacturer will not undertake any responsibility for the damage to the soft light, property loss or personal harm caused by the failure to install, use and maintain this product in accordance with this Manual.

Note: The data contained in this Manual may be changed in the future with any further notice.

Safety Warning

Warning: When using the soft light, please keep away from fire and water sources, and avoid splashing the fire or water source into the body.

Accessories Attached

(Accessories)

1. User Manual (1 pcs)

Unpacking Instructions

After unpacking, check if all the items in the package are complete. Secondly, please check if the entire soft light is damaged. If it is damaged, keep the original soft light and return it to the factory.

Product Description

This product is a non-domestic product and is for professional use only. Without wearing protective glasses, please do not look directly at the light source of this lamp to avoid damaging human eyes. Please read the safety precautions in this section carefully before installing, using, operating, and maintaining this product.

Statement

When this product is shipped from the factory, its performance is intact and its package is complete. All users shall strictly observe the warnings and operating instructions stated below. Any damage caused by misuse is out of our warranty, and any failure or problem caused by negligence by the user is out of our warranty as well.

The Manual is subject to change without further notice.

Precautions for the Product

1. In order to ensure the safety of the product, do not place the product in a humid or leaky place, and do not use it in an environment with temperature above 40 °C or below -20 °C.
2. Do not put this product in a place where it is easy to be loosened or vibrated.
3. The soft light contains professional components such as microcomputer circuit board, high-voltage power supply, etc. For your safety and product life, non-professionals must not disassemble the soft light and related accessories without authorization.
4. When using the soft light, please make sure that the power supply voltage does not exceed 100 V-240 V. If the voltage is too high, it will shorten the life of the lamp beads. If the voltage is too low, it will affect the light color of the bulb.

Installation of soft light

1. The soft light can be placed horizontally, mounted laterally and upside-down. Pay attention to the installation method when the soft light is mounted laterally and upside-down.
2. Before positioning the soft light, ensure the stability of the installation site. When install the soft light upside-down, ensure that the soft light does not fall on the support frame to ensure safety and prevent the soft light from falling and sliding.
3. When the soft light is installed and debugged, pedestrians are not allowed to pass under it. Regularly check whether the hook screws are loose.
Warning: We will not bear any responsibility for all the consequences caused by the falling of the soft light due to the unstable installation of the hung soft light.
4. During the installation and positioning of the soft light, please do not install the soft light directly on the surface of combustible materials; the soft light must be installed away from flammable, combustible and explosive materials, and the minimum distance between two soft lights shall be no less than 1.2 m, and the distance from the target object shall not be less than 3 m.
5. Be sure to install the soft light in a well-ventilated place, and keep the ventilation holes unobstructed to avoid overheating when the soft light is running.
6. Be sure to install the soft light in a dry place, avoid installing it in a place with flammable liquid, water or strong corrosion, and avoid fire caused by short circuit of the circuit board components due to excessive humidity in the environment and corrosion of electronic components inside the soft light.
7. The product must be provided with ground wire connection. Please ground the conductor to prevent electric shock.
8. Make sure that the power supply system is in line with the electrical specifications of the product during installation. At the same time, make sure it is equipped with overload and fault leakage protection, over-current protection, etc.
9. Do not use the power cord with damaged insulation. Do not connect the power cord to other wires.
10. The same series of products can be installed and used in series. The products of different series cannot be used in series. The number of the soft lights of the same series connected in series shall not be more than 8.

Product Use

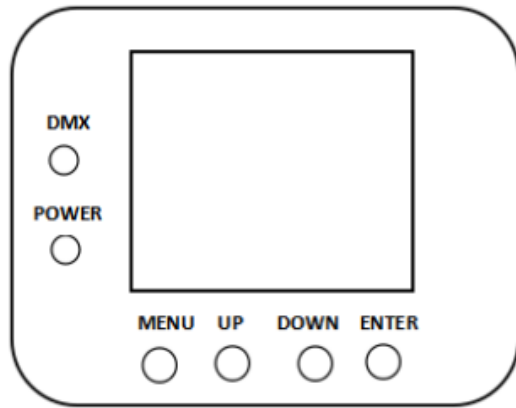
1. The installation and operation of the soft light must be performed by professionals. It is strictly forbidden to operate related equipment by non-professionals or untrained personnel.
2. Before running the soft light, make sure that the power voltage of the power supply system matches the power voltage required by the equipment.
3. Please carefully check the power cord for damage before turning on the soft light, and replace it immediately if damaged.
4. Before the soft light is turned on, check whether the wiring is proper and avoid the power cord from being tangled with other wires. Do not touch the wires when the soft light is running to avoid electric shock.

Channel Description

5-channel mode

Channel	Control function	Value	Description
1	Dimming	0-255	Dim all light beads,0-255 Dim to light
2	Warm light	0-255	Warm lightbead dimming,0-255 Dim to light
3	White light	0-255	White lightbeaddimming,0-255 dark to light
4	Temperature	0-9	In vain
		10-19	3200K color temperature
		20 -29	3300K color temperature
		30-39	3400K color temperature
		40-49	3500K color temperature
		50 - 59	3600K color temperature
		...	For every 10 more numbers of DMX,the color temperature increases by 100K
		240-249	5500K color temperature
5	Function selection	0-199	300W mode
		200-255	200W pattern

Display and key operation parts



Operation instructions: Press the up and down key to select different function menus, press the OK key to enter the adjustment state, press the increase or decrease key to modify its parameter value. Press the OK key to save and exit the adjustment state.

5. Before operating the soft light, please check whether all the housings (covers) are installed and whether the screws are tight. It is forbidden to use the soft light with housings (covers) uninstalled.
6. When the soft light is turned on, do not place flammable articles next to it to avoid fire.
7. In the process of using the product, you cannot move it at will; within the travel range of the product, ensure that it has enough space to prevent the product from colliding with other objects during operation.
8. The surface temperature can reach 65°C when the soft light is running. Do not touch it with bare hand to avoid burns.
9. When the soft light fails, please cut off the power first, do not check it with power on. In particular, you must disconnect the power supply before replacing fuses or lamp beads.
10. A small amount of smoke or odor may appear during the first operation of a new soft light, and will disappear after 15 minutes. This is a normal condition.
11. The soft light will be very hot when it is running. Do not touch the bulb with bare hand. Please replace the lamp beads when they are damaged, deformed by heat or exceed the service life.
12. It is recommended that the continuous working time of the soft light should not exceed 10 hours, and the interval between continuous startups of the soft light shall not be less than 10 minutes.
13. When the soft light has a problem or fault, please stop using it immediately. Without authorization, do not open the soft light housing and repair it by operating a machine. Operation by non-professional personnel will cause secondary damage to the equipment or deepen functional malfunction. If a repair is required, contact the nearest authorized service center. If you need to return the soft light to the factory for repair, please use the original packaging material for the soft light to be returned to the factory for after-sales service.
14. If the soft light is idle for a long time, please cut off the power supply and clean it properly.

Check and Maintenance

1. The following items must be checked when maintaining the soft light:

- Be sure to securely tighten all the screws used to install the soft light, and inspect and replace the corroded screws.
- Make sure that the body, lens, and mounting bracket (including ceiling and hanger) of the soft light are not deformed.
- Check if there is any wear on the rotating head of the soft light, keep the soft light rotating in balance.
- Check whether the power cord is damaged or the insulation layer is worn.
- Further maintenance must be performed by relevant professionals. Further resolve any safety problem with the soft light.



Warning: Before the maintenance and cleaning of the soft light, be sure to cut off the power supply.

2. Be sure to perform preliminary maintenance on the product every month and check whether the screws and circuit board terminals of the external and internal parts of the soft light are locked and tightened. If the terminals on the circuit board are yellow or corroded, please replace them in time.
3. Be sure to perform maintenance inspection on the soft light every one month to ensure that each cooling fan runs normally, and that no dust or debris blocks the fan's heat dissipation port of the soft light and thus affects the heat dissipation of the soft light.
4. Be sure to clean the optical lens of the soft light once every month to ensure the effective output of light effect. (PS: Please use soft linen and special glass cleaner for cleaning. It is strictly forbidden to use cleaners with corrosive ingredients, such as thinner or alcohol).

5. Be sure to conduct a detailed electrical inspection of the soft light by an approved electrical engineer every three months to ensure that the circuit contact of each part is good and avoid overheating caused by poor circuit contact and unnecessary accidents.

PS: The damage caused by ignoring the specific instructions in this Manual is not covered by the warranty, and the dealer or the manufacturer will not undertake any liability for any defect or problem arising therefrom.

Common Troubleshooting

1. After the lamp is reset normally, it does not accept the control by the console.

1) Possible cause: The signal cable is faulty or the parameter settings of the soft light are abnormal. The troubleshooting is as follows: check the starting address code and check the connection of the DMX signal cable (whether the signal cable is intact and the Cannon connector is loose); if the DMX indicator light is on, but there is no response to the channel control, check whether the address code is set correctly; if the DMX signal is intermittent, check whether the connection between the Cannon connector and the signal cable is good.

2) Add a signal amplifier, and add a 120Ω terminating resistor to the Cannon connector of the last soft light.

3) Replace the console and have a test.

2. The soft light cannot be started.

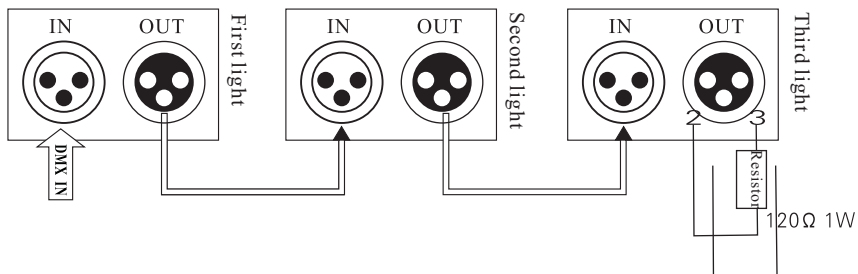
1) Probable cause: Poor contact of the power cord. The troubleshooting is as follows: check whether the fuse on the power input socket is blown, and replace the fuse if necessary;

2) In the case of long-distance transportation, the soft light has poor wire touch due to vibration. Check whether the power at the input terminal is normal.

3) Check whether the switching power supply has voltage output.

Connection of soft light

There are self-contained power supply and signal connection cables between soft lights. This product can accept the digital control signal in DMX5 12 format. Connect the control signal to the "DMX In" end of the soft light, and then connect it from the cable marked with "DMX OUT" to the "DMX In" end of the next moving light. For the connection of the signals of the soft light, it is recommended to use the DMX signal terminal to avoid the digital control signal being damaged by electric noise. Connect a 120Ω 1W resistor between Pin 2 and Pin 3 of the XLR plug and connect it to the DMX OUT line connector of the last soft light. As shown in the figure:



Function menu

Serial number	reveal	Instructions	
1	<u>DMX-Addr</u> 001	In the current main menu, press the Confirm key to enter the adjustment state, press the up or down key to adjust the address code, and then press the Confirm key to save and exit the adjustment state.	
2	Rotary-DIM	Bright 000-255	Under the current main menu, press the Confirm key to enter the drop-down menu, adjust the knob respectively to adjust the color temperature and brightness, press the Confirm key to save, and press the menu key to return to the upper menu.
		CCT 3200K-5600K	
3	Bright	000-255	Under the current main menu, press the Confirm key to enter the adjustment state, press the up or down key to adjust parameters, and press the Confirm key to save and exit the adjustment state.
4	<u>WW-DIM</u>	000-255	Under the current main menu, press the Confirm key to enter the adjustment state, press the up or down key to adjust parameters, and press the Confirm key to save and exit the adjustment state.
5	<u>PW-DIM</u>	000-255	Under the current main menu, press the Confirm key to enter the adjustment state, press the up or down key to adjust parameters, and press the Confirm key to save and exit the adjustment state.
6	CCT	3200K-5600K	Under the current main menu, press the Confirm key to enter the adjustment state, press the up or down key to adjust parameters, and press the Confirm key to save and exit the adjustment state.
7	DIM-Mode	1-5	Under the current main menu, press the Confirm key to enter the adjustment state, press the up or down key to adjust parameters, and press the Confirm key to save and exit the adjustment state.
8	DMX keep	ON/OFF	In the current main menu, press the Confirm key to enter the selection state, press the up or down key to select whether to hold the signal, and press the OK key to save and exit the adjustment state.
9	Back light	ON/OFF	In the current main menu, press the Confirm key to enter the selection state, press the up or down key to select whether to turn off the backlight, save the OK key and exit the adjustment state.
10	Language/语言	EN	Under the current main menu, press the Confirm key to enter the language selection state, press the up or down key to select, and press the OK key to save and exit the adjustment state.
11	System info		The software version information is displayed, the OK key is saved and exit, and the menu key is pressed to return to the upper-level dishes