Profile Led 500W RGBAL

Electronic Zoom



Please read this safety rule carefully before use.
After the equipment has been transported to the destination of use, please carefully open the package and take out the equipment.
If any defect is found, contact the freight company immediately and complain according to the defect.
Confirm that the equipment is in good condition at the time of delivery.
Please check whether the received equipment is consistent with the goods registered in the waybill and whether the goods registered in the waybill are consistent with the goods you ordered. If not, please contact your supplier immediately.

SUMMARY

This lamp is a professional indoor lighting equipment designed for theaters, TV and film studios. The wire marked as the ground line must be grounded.
Do not open the case while the device is running to avoid electric shock.

If significant defects are detected on the lens, such as deep cracks or scratches, replace the lens immediately and reduce its power. Any luminescent components showing damage or distortion after high heat exposure should be replaced promptly. All internal inspections, maintenance, or repairs of the lamp fixtures must be performed by certified professionals.
In case of accident, before opening the lamp shell, you should first pull out the power cord plug.
Users should operate within the specified purpose of the equipment and check whether the lines of the equipment are correctly connected.
Please do not place the lamp in a variable harsh environment.
The manufacturer shall not be liable for any damage caused by unauthorized replacement of other types of light sources.
This lamp is a professional equipment, although the operation is simple and convenient after the design improvement, it still needs to be installed and maintained by professionals.

MAIN POINTS

Power lines and other connecting devices are very important for equipment, because of their reasonable arrangement, the safe and convenient use of equipment.
When unplugging the ice dragon, you must hold the plug and pull it out by hand. Do not pull the power cord directly.
Do not use the power cord in harsh environments. Check before installation and maintain periodic checks after installation.
Do not bundle power cords and other signal wires together to avoid confusion.

POWER CONNECTION

This lamp is adapted to the conventional voltage of 230V and comes with a 1.2M silicone wire (1.5 square).

For the safety of users, it is necessary to keep the ground wire (yellow and green) grounded.



warn ：

Internal dangerous voltage!

1 INTRODUCE

Thank you for choosing this product. Open your LED imaging lamp package, which contains
1 power line, 1 DMX line and 1 manual

EQUIPMENT DESCRIPTION

1. Introduction

This professional imaging lamp features a high-density integrated light source, delivering 1.5 times the illumination of its predecessor. It perfectly matches professional 15°-60° lens barrels while ensuring sharp spotlights and clear LOGO imaging. With a color rendering index exceeding 95 at both 3200K and 5600K, it supports full-color operation. Specifically designed for theaters, performance venues, TV studios, broadcasting halls, and banquet halls, this imaging lamp delivers professional-grade lighting solutions.

2 PARAMETER DATA

Power supply voltage: AC100~240V,50/60Hz
Light source: ☑500W
Light source life: up to 50,000 hours
Color rendering index: Ra≥95
Special index: R9≥90, R15≥90
Color temperature: RGBAL
Optical materials: professional optical lenses+non spherical lenses

Optical angle:adjustable from 15°to 60°

DMX electric focus
Function effect: astigmatism, focus, soft light
Control channel: 10CH
Effect: a pure beam of light without color and shadow, rich saturation and soft tone
Dimming: 0~100% linear dimming, a perfect dimming system from 0 to 100% without color change
Control panel: LCD digital display + four keys
Heat dissipation: copper tube radiator + intelligent silent fan heat dissipation system

Noise: 1 meter noise ≤30db

Temperature monitoring: The built-in temperature protection sensor can automatically

adjust the power of the lamp for overtemperature protection, and the display panel can view the working temperature of the lamp in real time.
Control mode: DMX is wired, wireless signal can be selected/manual mode
Protection class: IP20
Supplies: power cord, signal cord, pattern clip (optional)

3. SAFETY WARNING

（1） warn

Each person involved in the installation, operation and maintenance must be a qualified person,
Users must follow the instructions in the manual,
Unqualified personnel shall not open the equipment cover to operate the equipment, otherwise the distributor will not be liable for the defects and problems caused thereby,
The equipment should not be exposed to rain or near flammable materials

（2）WARNING SIGNS

Power supply: AC100V-250V,50HZ/60HZ
Before connecting the device to the power supply, make sure that the power switch is not turned on and that the power plug and socket's grounding wire are in good condition,
Use a qualified power plug and socket, do not connect the power cord to other electrical equipment,
When installing the product in motion, make sure that the metal parts and other sturdy materials of the equipment are not damaged,
During the installation and removal of the equipment, do not connect the power supply,
Keep a minimum distance of 50cm between the light output and the illuminated surface,
The equipment must be installed in a non-flammable place. In order to ensure sufficient ventilation, a free space of 50cm should be kept around the equipment. Please pay attention to the possibility that flammable articles may be deformed or damaged by the hot gas and heat discharged from the equipment.
When the equipment is running, the shell will heat up. After turning off the equipment, do not operate the equipment for 15 minutes.

The ambient temperature should not exceed 45°, and the maximum temperature of the shell should not exceed 80°,
For indoor use,
Replace any broken protective panels, filters and lenses that are seen,
The protective panels, filters, and lenses require weekly cleaning. When smoke particles accumulate on these components, light output will rapidly diminish. Use certified safety ropes that can withstand the equipment's weight for at least 10 hours. When installing the safety rope, ensure it has quick-change connectors and screw caps. Thread the rope through the base hole and secure it onto the mounting bracket.

At the end of the quick-change head, tighten the fixing screw; if the safety rope has no tension or is damaged, do not use it any more.

4 INSTALLATION

When installing the equipment, keep the equipment away from flammable and explosive materials, and leave at least 50cm of free space around the equipment,

When the equipment is placed horizontally, the equipment must be placed directly in the place and supported by an installation frame,

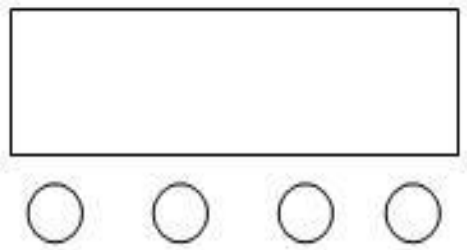
When the device is installed on the frame and the head is down, the rotary screwdriver installs the M12 screw and nut onto the mounting frame;

Insert the quick-lock fasteners of the first mounting bracket into the respective holes at the bottom of the equipment and tighten them clockwise; install the second mounting bracket; and use a safety rope at the same time;

Please use a qualified safety rope to ensure that it can bear the weight of this equipment and at least 10 hours or more. When using the safety rope, you must have a quick conversion head and a screw cap to pass the safety rope through the hole in the base and cover the installation frame;

At the end of the quick-change head, tighten the fixing screw; if the safety rope has no tension or is damaged, do not use it any more.

Graphical section:



A. MENU
B. UP
C. DOWN
D. ENTER

A B C D

Operation instructions: Press function key A to cycle out different functions, press B or C keys to modify the parameter value. Press D key to confirm.

5-in-1 display function：

Menu	explanation	**function**
DMX Address	001-512	Dmx Address Set
Speed Mode	0-99	speed
Fade Mode		jump transition
Color Mode	0-31	fixed color
Strobe Mode	0-20	stroboscopic
Red	000-255	Red dimmer
Green	000-255	Green dimmer
Blue	000-255	Blue dimmer
Amber	000-255	Amber tone dark
Lemon yellow	000-255	Lemon yellow dimmer
ZOOM	ZOOM 000-255	Focus and enlarge
FOCUS	000-255 focusing	focusing
Time	0000H	time
RESET	reset	Manual reset

channel	explanation	**function**
1	000-255	Red
2	000-255	Green
3	000-255	Blue
4	000-255	Amber
5	000-255	Lemon yellow
6	000-255	Main dimmer
7	000-255	Main frequency flashing
8	000-255	Modulate the built-in program
9	0 - 255	Zoom in focal length adjustment
10	0 - 255	Focus adjustment