

SL3421- 36pcs X3W High Power LED Par 64

User Manual

Please read this user manual before your operating the device.

Safety Introduction:

- Be sure the voltage is not higher or lower than the recommended rating.
- Be sure the power cable has no damage
- It must be turned off while the unit is not in use or before cleaning it.

Attention:

- Taking care of the unit while installing, avoiding to touch the exposed power line, otherwise, it will result terrible electric shock.
- Do not look straight at the face of the High Power LED Par 64 light.
- The High Power LED Par 64 light should be far away from children and avoid non-professional operation.

Operation Stipulation:

- The High Power LED Par 64 light can only use indoors.
- Please pay attention to the installation, and do not swing the High Power LED Par 64 lights while using it.
- Please be sure the High Power LED Par 64 lights is positioned in the right place (no too hot or damp), before installing it, 1m distance above needed between the High Power LED Par 64 light and the object illuminated.
- Please use appropriate and safe power line to connect the LED.
- Please be sure to familiar with the High Power LED Par 64 light functions before operating, since damage may be caused with improper use.
- Please do not modify the lamp, any un-authorized or un-professional operation is not guaranteed by the factory, any breakdown and damage, the factory has no obligation for maintenance.

Specifications:

Power input: AC240V, 50Hz,

Light Source: 36PCS High Power 3W LED: Red12pcs, Green12pcs, and Blue12pcs;

Using multi-media gradation adjusting technology, DMX controls colour dimmer and strobe;

It has electronic address code setting.

Digital PAR Light has 360 degrees installation due to specially design of hanging device.

Shining component: 36PCS High Power 3W LED;

Color: RGB Mixed color, it has more than 16,777,216 kinds of color changing;

Basic Color: Red, Green, Blue basic colors;

DMX Channel: 6CH;

Dimmer: Streamline dimmer adjustment

Connecting:

- (1) If using the Par lights separately, each High Power LED Par 64 need to plug the power cable into correct power input required, if need to use DMX console to control the Par lights, please connect the DMX console with DMX cables.
- (2) If many sets of High Power LED Par 64 lights are used together, each High Power LED Par 64 need to plug the power cable into correct power input required, please connect these High Power LED Par 64 lights with the DMX cable. If need to use DMX console to control them , please connect one of the High Power LED Par 64 light to the DMX console with DMX cable; and do the settings as DMX mode required as this user manual instructed.

Set Up

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your High Power LED Par 64 Light. The High Power LED Par 64 is AC 240V use. Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you unit.

DMX Linking: To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a unit is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Operating Instructions

Operating Modes: You can use the LED Par 64 light in 6 ways , please select the mode through pressing the following buttons:

ENTER UP DOWN ESC

- **SOUN** (Sound-Active mode)– this unit will react to sound when under this mode; please press **UP** and **DOWN** button until it shows the **SOUN** , please press **ENTER** to choose 2 type of sound mode : **SOU1** and **SOU2**, **SOU1** is function for sound active for white strobe (RGB mixed) , press **ENTER** if you choose this mode, and there are 13 degrees sound sensitivity for your choices: **S100-S112**, (please note S100 is for no Sound-Active); **SOU2** is function for sound active for color change ; press **ENTER** if you choose this mode, and there are 13 degrees sound sensitivity for your choices: **S200-S212**, (please note S200 is for no Sound-Active);
- **FLAS** (Strobe Mode), press **ENTER** to choose this function, this unit will automatically strobe; under this mode, press **ENTER** to choose RGB color strobe please select: **Frgb**, and **F001-F012** is for strobe speed choices; then press **ENTER** to choose RGB each color brightness: **Fr00-Fr12** is for from 0-100% RED BRIGHTNESS choice; **Fg00-Fg12** is for from 0-100% GREEN BRIGHTNESS choice; **Fb00-Fb12** is for from 0-100% BLUE BRIGHTNESS choice;
- **FLO**-(Color Fade Flowing Mode), press **ENTER** to choose this function, this unit will automatically fade, to choose fade speed please select from : **F001-F012**
- **CHAS** (Color chase Mode), press **ENTER** to choose this function, this unit will automatically jump seven colors in sequence of: RED, GREEN, BLUE,ORANGE, CYAN, PURPLE,WHITE ; to choose color jump speed please select from : **C001-C012**
- **LrGb** (Manual Mode), press **ENTER** to choose this function, this is for operator to adjust the R G B brightness manually, **Lr00-Lr12** is for from 0-100% RED BRIGHTNESS choice; **LG00-LG12** is for from 0-100% GREEN BRIGHTNESS choice; **Lb00-Lb12** is for from 0-100% BLUE BRIGHTNESS choice;

- **Addr (DMX Mode)**, press **ENTER** to choose this function, this is for unit to work under DMX mode; the small round dots near **A** flashes stands for there is DMX signal input, if no flashes, means no DMX signal input;

Master-slave settings:

Work Without DMX : Please connect all the units with DMX Signal cables, choose one unit as Master, and run the above modes except **Addr**, set all other units to be Slave by set their **Addr** as any DMX address;

Work with DMX : Please connect all the units with DMX Signal cables, choose one unit as Master, and connect it to the DMX controller, and choose the mode of **Addr**, set its **Addr** to be any DMX address, and set all other Slave units by set their **Addr** to be the same DMX address as Master unit.

DMX Mode: Operating through a DMX controller give the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your units as spot lights.

1. This function will allow you to control each individual unit's traits with a standard DMX 512 controller.
2. The High Power LED Par 64 light uses 6 DMX channels to operate. Please refer to 6CH DMX values and functions chart as below:
3. To run your unit in DMX mode, plug in the unit via the XLR connections to any standard DMX controller. Set your desired DMX address following the setup specifications that come with your DMX controller.
4. Note: When in Master/Slave Synchronization Mode, only one unit in a series chain can be set as the master.
5. 6CH DMX Values and Functions:

Channel	Value	Function
1 DIMMER	0 - 9	No function
	10-255	dimmer 0-100%
2 STROBE	0 - 10	No function
	11-255	STROBE 0-100%
3 RED	0~1	No function
	2-255	RED, brightness 0-100%
4 GREEN	0~1	No function
	2-255	Green, brightness 0-100%
5 BLUE	0~1	No function
	2-255	Blue, brightness 0-100%
6 RGB MIXING	0-10	RGB off
	11~30	B on
	31~50	G on
	51~70	B + G on
	71~90	R on
	91~110	R + B on
	111~130	R +G on
	131~255	R +G +B on

Touch Buttons

There four touch buttons under the Digital display displays: **ENTER UP DOWN ESC**

Press **ENTER** to choose the run modes; Press **Up/Down** to scroll in the menu or submenu options; Press **Enter** to confirm your selection or to switch between two submenus. Any time press and hold **Up** or **Down**, the value will rapidly change and stop when release. Once the value is set, it will be automatically saved; press **ESC** to exit.

Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all Parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the unit operates (i.e. smoke, fog residue, dust, dew).

Trouble Shooting

Listed below are solutions for a few common problems the user may encounter.

Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly. Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:

Quiet or Low pitched sounds will not activate the unit. If problems are not resolved, contact your dealer for service.

Note: All information is subject to change without prior notice.