

Unpacking: Thank you for purchasing LED this series. Every unit has been thoroughly tested and shipped in perfect condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for any damage and be sure all accessories necessary to operate the unit has arrived intactly. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without any warning.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufacturer warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer.

PLEASE recycle the shipping carton whenever possible.

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit for future reference.

PERFORMANCE TRAIT

- ◆ The spot moving head is installed with High power white LED Luminus (USA) × 60W
- ◆ The average service life of every LED reaches 100000 hours ;
- ◆ Low power consumption;
- ◆ Super luminance, Rich and splendid color, It is comparable with traditional 250W moving head;
- ◆ DMX-512 control signal, 14 standard channels;
- ◆ The housing is made of streamline fashionable PC engineering plastic with rubber paint after casting;
- ◆ Wide range super micro smooth scanning, horizontal scanning angle reaches 540°and vertical 270°, the scanning precision reaches 8bit and 16bit ,with smooth and precise positioning, additionally, the scanning speed is adjustable;
- ◆ High speed electronic strobe reaches 1-20times/second;
- ◆ Total light adjustment control channel can control every channels simultaneously;
- ◆ The digital display on the control panel can be reversed for 180°applicable for horizontal or vertical use of moving head;
- ◆ With automatic run function, music control function, the 8 built-in programs can be activated with DMX
- ◆ Meet CE, Rosh, GS and CQC standard.

Safety Precautions

- Be sure that the local power outlet match that of the required voltage for your unit,
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.

- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are user serviceable parts inside.
- Never operate this unit when its rear cover is removed.
- Never plug this unit into a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- During long periods of non-use, disconnect the units main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning unit should be cleaned only as recommended by the manufacturer. See "Cleaning" for details.
- Heat –The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The unit should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the appliance.
 - C. The appliance has been exposed to rain or water.
 - D. The appliance does not appear to operate normally or exhibits s marked change in performance.

WARNING:



Avoid Electric Shock



High temperature of bulb

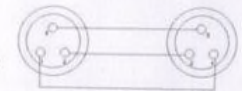
DMX Linking: To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, 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.

POWER SUPPLY MAINS

Use the plug provide to connect the mains power to the projector paying attention to the voltage and frequency marked on the panel of the projector. It is recommended that each projector be supplied separately so that they may be individually switched on and off.

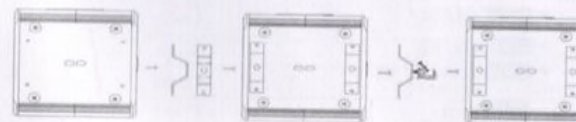
IMPORTANT

It is essential that each projector is correctly earthed and that electrical installation conforms to all relevant standards. Power consumption of this projector is 200W.



Mounting bracket

Every unit can be placed on the ground or hanging installation in any position. The lock system makes it quick and simple to install bracket to four locations, see Figure:



Warning! Hook fastener must be in place, steel piece is locked with nut, When uninstalling, use a finger to pull the steel piece up, and then drop out the hook fastener.

Warning! Insurance rope must be tied at the additional hole in the bottom and never be tied at the handle.

Operating Modes: You can use the LED unit in 4 ways:

- Sound-Active mode—The unit will react to sound, chasing through the built-in programs
- Auto Mode—The unit will automatically chase through the different colors.
- DMX control mode – This function will allow you to control each individual units traits with a standard DMX 512 controller.
- Master-slave mode – One unit will work as the master in the one of the above three modes, other units in the chain will work in synchronization towards the master.

Touch Buttons

There are four touch buttons under the LED display: Menu, Up, Down, Enter. Normally, the LED will display the current DMX address code of the fixture. At this time, presses up and down to choose the functions you want.

All conditioning by "UP", "DOWN" adjustment, Press "ENTER" to determine,

And automatically exit in 10 seconds.



LED DISPLAY MENU:

DMX: 0001

NRSL → Auto run slow
→ **SLoU**

NRFR → Auto run fast
→ **FRS**

NRSS → Sound control
→ **SrUn**

NRtc → Run controlled
→ **ccUn**

SLAU → Slave selection
→ **SoNU** Slave

PAN → Pan opposite direction selection
→ **rPAN** Pan opposite direction

TILT → Tilt opposite direction selection
→ **rTILT** Tilt opposite direction

DIS → Display opposite direction selection
→ **rDIS** Display opposite direction

Ch → Channel selection mode
→ **b-Ch** Basic mode

PAN4 → **PAN4** Pan 540°
→ **PAN36** Pan 360°
→ **PAN18** Pan 180°

TILT → **TILT27** Tilt 270°
→ **TILT18** Tilt 180°
→ **TILT9** Tilt 90°

RESET Reset

LOAD Load default

LED channels and function (16bit)

Channel	Value	Functions
1	0-255	Master dimmer, 0-100%
2	0-3	OFF
	4-7	ON
	8-215	Strobe Slow→Fast
	216-255	ON
3	0-3	White
	4-7	Color wheel 1
	8-11	Color wheel 2
	12-15	Color wheel 3
	16-19	Color wheel 4
	20-23	Color wheel 5
	24-27	Color wheel 6
	28-31	Color wheel 7
	32-35	Color wheel 8
	36-39	Color wheel 9
	40-127	Fade in and out
	128-191	Clockwise water flow effect Slow→Fast
	192-255	counter-clockwise water flow effect Slow→Fast
	4	0-63
64-127		Gobo shake function
128-191		Obverse directional Water flow effect Slow→Fast
192-255		opposite directional water flow effect Slow→Fast
5	0-63	Gobo Bi-directionally rotate by hand
	64-147	Gobo obverse directionally rotate Slow→Fast
	148-231	Gobo opposite directional rotate Slow→Fast
	232-255	Gobo Bi-directionally rotate automatic
6	0-255	Focus
7	0-255	X
8	0-255	Y
9 (for Q5)	0-7	NO
	8-247	Prism rotate automatic Slow→Fast
	248-255	Prism effect
9 (for beam60)	0-7	No
	8-255	Frost
10	0-255	X fine
11	0-255	Y fine
12	0-255	XY speed Slow→Fast
13	0-255	XY Stand alone
14	0-7	NO
	8-15	XY move 3 seconds after / Shutter
	16-23	Cancel XY Moving / Shutter
	24-31	Color wheel move 3 seconds after / Shutter
	32-39	Cancel Color wheel moving / Shutter
	40-47	Gobo wheel move 3 seconds after / Shutter
	48-55	Cancel Gobo wheel moving / Shutter
	56-63	Gobo wheel rotate 3 seconds after / Shutter
	64-71	Cancel Gobo wheel rotating / Shutter