



User Manual: Squareled Grand Prix

Manual | Grand Prix

1. Main features

Compared with the traditional halogen spotlight, LED digital spotlight takes the advantages as following

- » Take high performance LED matrix module as the lighting source which can meet the functional lighting requirements of large studios, theatres, conference room and multi-purpose hall;
- » The usage of aspherical lens and full reflect optical accuracy and straight system can effectively control the stray light; the high illumination output can make 80 percent of energy saving compared with the conventional halogen tungsten stage light;
- » The patented design of LED plot ensures the round and even lighting beam;
- » The patented design of the electric three-point linkage focusing system makes the focusing device operate smoother and more precise
- » Built-in DMX512 signal decoder and PWM dimming power supply, the brightness adjust range is 0~100%.

2. Specifications & technique index

Safety Notes

! Enquire the skilled people before any repair;

! Always make sure disconnect from the power source before setting up, serving and moving;

! Avoid direct eye exposure to the fixture when it is on;

Safety instruction

Make sure the power supply voltage are consistent with this lights. Ensure the use of voltage is in the range of the request technical parameter.

Before the installation, please check the light's fasteners and mechanical structure have been received in good condition and appear no damage.

This light is designed for indoor use; working temperature is lower than 50 degree.

The fixtures maybe mounted in any position provided there is adequate room for ventilation. Make sure there are no inflammable and explosive items (ornaments) in 0.5 meters away.

Yellow / green cabling earthling safety; no flicker when the fixture is working on.

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Model	Grand Prix							
	5×84D	10×55D	5×84G	10×55G	5×84B	10×55B	3×84C	10×55C
Power of LED	5W	10W	5W	10W	5W	10W	3W	10W
LED Quantity	84WW	55WW	84CW	55CW	42WW+42CW	28WW+27CW	21R+21G+21B+21W	55 4in 1
Lens Diameter	340 mm							
Color Temperature	3200K ± 150K		5600K ± 250K		2700K ~ 6000K			
CRI	>85							
Output Illumination	>10000lm	>18000lm	>10000lm	>18000lm	>10000lm	>18000lm	>7000lm	>15000lm
Control Mode	DMX512+local control							
DMX Channel	2			3			6	
Dimming	0~100%,16bit							
Field Angle	10°~40°							
Power Supply	100~240V AC50~60Hz							
Rated Consumption	400W	600W	400W	600W	400W	600W	350W	600W
Operation Temperature	-10°~ 40°C							
Dimensions	626L × 370W × 370H mm							
Weight	16.5 kg							

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3. Operation instruction

1. Unpack your order and before the installation, check the contents against the packing list to be sure the order is complete; check the accessories of the fixture to be sure it is complete, and if there are physical damage or straw losing.
2. Please ensure that the marked voltage rating on fixture is consistent with the local voltage.
3. Link the handle and the fixture as the figure instructed.
4. The communication port of DMX512 shall be connected with the matched connector.
5. Panel indication
 - SIGNAL: flashing, DMX512 signal works in normal.
 - CHANNEL: power on, the address can be displayed on numeral tube as the channel controlled by DMX512 signal.
 - DIMMER: power on, the brightness value can be displayed on numeral tube as manual control.
 - Press key: F-function key Down-decrease Up-increase

6. Panel operation

6.1 DMX512 operation mode: Press F key until the window display AXXX, keep pressing F key, A becomes flashing from normal bright, press DOWN or UP to adjust the address(1-511), when find the target address, press F key, the flashing is stopping, the set address is saved, it will enter into DMX512 operation mode next time when power on.

Channel setting:

White fixture: 1-brightness, 2-zoom

RGB fixture: 1-brightness, 2-zoom, 3-red, 4-green, 5-blue, 6-white

If no DMX512 receiving, the brightness of the fixture sets to the saved value.

6.2 Manual operation mode

Brightness setting: press F key until the window displays BXXX, it is in manual setting operation mode, the user could press DOWN or UP key to adjust the brightness (0-255). That keep pressing F key could save the brightness, B turns to ' from normal bright, leave F key, the brightness is saved, it will automatically enter into Manual operation mode next time when power on, the value is the saved one.

Zoom setting: press F key until the window displays CXXX, press DOWN or UP key to set the zoom(0-255)

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3. Notes

1. The operation environment of the fixture should be water-proof, no-gas and in-door.
2. The fixture is specific professional fixtures for stage lighting only.
3. Once there is external cable or wire in damage, please contact the manufacturer or the A/S agency to make the maintenance to avoid the danger.
4. The minimal limited distance between the fixture and inflammable materials is 0.5 meter.
5. The external cable is 3P: L-red; N-blue; Ground-yellow & green. XX, press DOWN or UP key to set the zoom(0-255)

3. Warning

1. As the lens is in visible damages, such as crack or gash, the user shall replace it by the spare part timely.
2. The replacement of LED module shall be operated by the professionals.



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