

User Manual

The Spartan300-RGBAL





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Description



SKU: Spartan300-RGBAL

The Spartan300-RGBAL

The Spartan300-RGBAL is a 300Watt, Full Color LED Fresnel with a comparable output to a traditional 750Watt incandescent Fresnel.

Springtree Fresnels create a soft and even wash of light with a smooth transition between the center and the edges of the beam, resulting in a gentle and uniform illumination across your stage.

Quick Points

- CRI > 95
- Manually Adjusted Zoom
- 6.9" High-Quality Optical Fresnel Lens
- Flicker Free Operation For Use With Video

Specifications

Optical

- Light Source: 300Watt COB LED RGBAL 5-in-1
- Beam Angle: 15 – 50°
- Color Rendering Index: > 95
- LED Refresh Rate: 10 kHz

Power

- Power Supply: AC 100 – 240 V / 50/60 Hz
- Power Consumption: Maximum 350Watts

Build

- Aluminum Housing
- Display: 4-Digit LED Display
- Color: Black

Connections

- 3-pin DMX In/Out
- Linking Power Cord In/Out

Included

- 1x Spartan300-RGBAL
- 1x Bracket
- 1x Power Cord
- 1x Barn Doors

Dimensions & Weight

- 18 1/2" x 8 1/2" (11" with yoke & knobs) x 11"
- 25 lbs



DMX Traits

6 Channel Mode

CH1	Dimmer	0~255
CH2	Red	0~255
CH3	Green	0~255
CH4	Blue	0~255
CH5	Amber	0~255
CH6	Lime	0~255

5 Channel Mode

CH1	Red	0~255
CH2	Green	0~255
CH3	Blue	0~255
CH4	Amber	0~255
CH5	Lime	0~255

7 Channel Mode

CH1	Dimmer	0~255
CH2	Red	0~255
CH3	Green	0~255
CH4	Blue	0~255
CH5	Amber	0~255
CH6	Lime	0~255
CH7	Strobe	0~255

Menu Operation

Value	Description	Function
ADDR	DMX Address	d001~d512
CH-M	Channel Mode	5CH, 6CH, 7CH
MENU	Dimmer	Dimm 0~255
MENU	Strobe	Flas 0Hz~30Hz
MENU	Red Intensity	0~255
MENU	Green Intensity	0~255
MENU	Blue Intensity	0~255
MENU	Amber Intensity	0~255
MENU	Lime Intensity	0~255
DISP	Display	On/Off
DMXF	DMX Failure	Black/Hold

Menu Operation

Value	Description	Function
DIMC	Dimmer Curve	Line Exp Log S
DRES	Dimmer Resolve	LED (quick off) Lamp (fade out)
VER	Version	V01
TEMP	Temperature	30C
RSET	Reset to Default Settings	

Installation

Power Supply

Ensure that the source voltage in your location matches with the voltage specifications for your lighting setup before connecting your unit to power.

Additionally, always connect this product to a safeguarded circuit with a suitable electrical ground to mitigate the risk of electrocution or fire.

Mounting

Position the Spartan300-RGBAL in any orientation that allows ample room for ventilation. Operating the device in a poorly ventilated space can result in overheating and pose serious safety risks. Maintain a minimum distance of 6-inches around and above the device to ensure proper airflow.

When selecting a location, prioritize accessibility for maintenance and programming. Confirm that the mounting structure can adequately support the fixture's weight; refer to the weight information in the Technical Specifications section of this manual. For overhead mounting, employ a safety cable at all times. Securely attach the fixture to a rigging point, whether it be an elevated platform or a truss. These precautions are crucial for optimal performance and to mitigate potential hazards.

Safety.

1. Do not expose this unit to moisture to reduce the risk of electrical shock or fire.
2. Be sure that the local power outlet matches the required voltage for your unit.
3. 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.
4. This fixture is intended for indoor use ONLY!

Troubleshooting

If the unit is not responding to DMX, ensure that the DMX cables are correctly connected and wired and that all cables are correctly connected to their respective connectors, as the orientation of inputs and outputs matters.

We Are Here For You!

Springtree is all about simplifying the AV process. A big part of that is being available to answer your questions. Give us a call or fill out a contact form. We are here to help!

Contact Us



 springtree.net/contact-us/

 615-599-1505



[Contact Form]