



wildSun⁵⁰⁰



AYRTON

Light in action



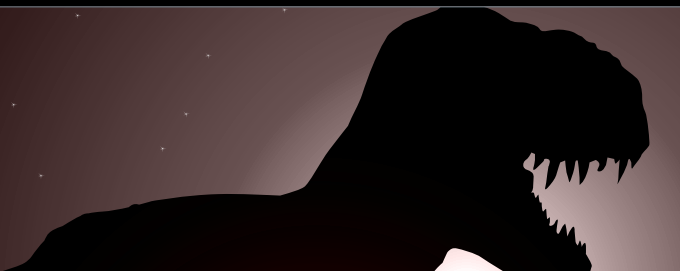
WILDSUN 500 "S" LED MOVING-HEAD LUMINAIRE

WILDSUN 500 "S": Created to meet the entertainment industry's needs, the WILDSUN 500 "S" was designed with a narrow beam in mind, as well as deeper colours and increased centre beam intensity. In order to meet these specifications, AYRTON opted for a latest generation LED

RGBW module without primary optics, which allows the achievement of a more intense beam. Built into a ceramic housing that allows increased voltage, it offers an overall flux of 11,000 lumen.

The 31 15-Watt LED modules are cooled by three heat sinks equipped with heat-transfer fluids and heat-exchange material. The choice of colours was made

in collaboration with lighting designers and was aimed at achieving more saturated hues. The use of a cooler white component (6700K) reinforces the impression of power. The stringent selection criteria for the LEDs used on the WILDSUN 500 "S" also allow for the greater homogeneity of luminaires. Particularly suitable for the creation of stage effects, it enables the individual control of each light-ring in expanded FULL COLOUR mode with the option to only use the central LED.





OPTICS

- Motorized linear zoom system, ratio 4:1
- Beam aperture: 8° to 32°
- 75% optic efficiency
- High-efficiency 45mm PMMA secondary optics

LIGHT SOURCE

- 31 Multi-chip High-Power LED sources
- Light output: up to 11.000 lumen
- Rated Sources life: up to 50.000 hours
- Flicker free sources Management, suitable for TV applications and all video recorded events

MOVEMENT

- Extremely accurate positioning
- Moving-head operated via either 8 or 16 bit resolution
- High-resolution stepper motors operated via microprocessors ensure extreme accuracy and smooth movements.
- PAN and TILT automatic repositioning
- Moving-head range : 540° (PAN), 270° (TILT)

COLOURS

- Sophisticated 4 colours RGBW mixed, reaching high Colour Rendering Index
- Uniform light beam with no colour shadows, and rich saturated and pastel colour-hues
- 4,29 billion colours (8 bit resolution)
- Virtual Color Wheel, including most usuals White Color Temperature Presets
- Dynamic Colour Macro Effect with variable speed

DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- White or colour strobe effect, with speed adjustment from 1 to 25 flashes per second

SOFTWARE FACILITIES

- Local DMX Addressing of the projector and its Optional Parameters through its built-in LCD panel control
- Remote DMX Addressing of the projector and its Optional Parameters through a standard RDM DMX controller
- Built-in Pattern Effects with Speed and Fade controls for Scenic applications
- Information Menu including Hour counter, Temperature, Software version

HARDWARE FACILITIES

- Graphic LCD Display for addressing and special functions settings, with flip function
- 5 menu buttons to set the functions
- Over temperature protection
- XLR 3 pin and XLR 5 pin male and female connectors for DMX connections

CONTROL

- DMX 512 protocol, through DMX cable
- Stand-alone Mode and Master/Slave Modes
- DMX RDM compatible
- Local control panel, with LCD display and 5 buttons

- DMX 512 Input / Output through XLR5 connectors
- Waterproof lockable connectors to XLR5 connectors DMX adapters (IN / OUT) included
- Choice of 3 DMX Modes (from 17 to 49 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 500 Watt max

COOLING SYSTEM

- Advanced ventilation cooling system based on Heatpipe technology
- Self adjusting variable speed fans for quiet operation (Fan Auto Mode)
- Selectable ventilation User's Modes
- Safety protection against temperatures excesses

HOUSING

- Moving-Head skeleton made of Aluminium and Steel metal plates
- Heatshinks in aluminium and copper, satin finish
- Heatshinks cover in die-cast aluminium
- Moulded covers in Self-extinguishing fire retardant ABS PC (V0 class)
- Front glass in high transparent Polycarbonate (V0 class)
- Two sides handles for transportation
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Fastening brackets system: two Omega 1/4 turn brackets designed for use with standard clamps
- Mounting points: four 1/4 turn locking fittings allowing two different installation of omega brackets on projector
- Safety cable attachment point

OPERATING PARAMETERS

- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 45°C (113°F)
- Minimum permitted ambient temperature authorised (Ta min): -10°C (14°F)
- Minimum usage distance: 0.2 m (8 inches)

COMPLIANCE

- EU (EMC):
 - EN 55015 (2006) - EN 55015 A2 (2009)
 - EN 61547 (2009) - EN 61000-3-2 (2006)
 - EN 61000-3-2 A2 (2009) - EN 61000-3-3 (2008)
- EU (LVD):
 - EN 60598-1 (2008) - EN 60598-2-17 (1989)
 - EN 60598-2-17 A2 (1991)

SIZE

- Product: 435 x 555 x 300 mm (l x h x d)
- Flight-case Foam : 510 x 560 x 370 mm (l x h x d)

WEIGHT

- Product: 22 KG



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