ALIENPIX-RS

ALIENPIX-RS CREATIVE SOLUTIONS

ALIENPIX™RS is a conceptual multi-rotational luminaire based on designs by an Italian manufacturer in the '80s (patent pending). After four years of development and numerous preliminary iterations, the final product is finally ready for release! Five spot heads on the edge of the central disk can be controlled individually in continuous, unlimited, rotation. The continuous, unlimited rotation of the main disk, and the pan and tilt movement, are controlled by powerful tri-phase stepper motors that allow fast, accurate and silent positioning.

The six ultra-powerful, low-etendue, RGBW multichip LED emitters can be controlled individually. The member of AYRTON's new "RS" product line, ALIENPIX™RS has a powerful 3.5° beam with a centre-beam luminous intensity of over 180 candelas per lumen.

ALIENPIX™RS offers several control modes to suit the user's preferences and programming constraints. Basic mode provides access to a library of pre-programmed effects. In Extended mode, the user can access all functionalities and control each LED separately. ALIENPIX™RS has series connectivity and can be driven by DMX-RDM, Art-Net™ or a wireless DMX-RDM link via a new-generation TiMo module from LumenRadio™. ALIENPIX™RS allows you to create revolutionary new volumetric 3D effects. The only limit is your imagination!

OPTICS
- Beam aperture: 3.5°
- 85% optic efficiency
- High-efficiency 94 mm PMMA optics

LIGHT SOURCE
- 6 multi-chip High-Power LED sources
- Light output: up to 6,000 lumen
- Luminous intensity: 1,080,000 cd
- Rated sources life: up to 50,000 hours
- Flicker free sources management, suitable for TV applications and all video recorded events

MOVEMENT
- 8 independent continuous rotations
- 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

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 colour wheel, including most usuals white colour 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 luminaire and its optional parameters through its built-in LCD panel control
- Remote DMX addressing of the luminaire 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
- 6 menu buttons to set the functions
- Over temperature protection
- Integrated LumenRadio's wireless CRMX TiMo RDM receiver
- XLR 5 pin male and female connectors for DMX connection
- Ethercon RJ45 IN / OUT connectors for ArtNet & sACN connection
- PowerCON TRUE1 male and female connectors for power connection

CONTROL
- DMX 512 protocol, through DMX cable or wireless system
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- ArtNet & sACN protocols through Ethernet cable
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 16 to 47 DMX channels)

POWER SUPPLY
- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 450 Watt max

COOLING SYSTEM
- Advanced cooling system
- Self adjusting variable speed fans for quiet operation (Auto mode)
- Selectable auto, stage & studio ventilation modes
- Safety protection against temperatures excesses

HOUSING
- Moving-head skeleton made of aluminium and steel metal plates
- Heatsinks in aluminium, satin finish
- Moulded covers in selft-extinguishing fire retardant ABS PC (V0 class)
- Two sides handles for transportation
- Four strong wide feet for better stability
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Fastening brackets system: two Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: four ¼ turn locking fittings allowing 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 (Ta min): -10°C (14°F)
- Minimum usage distance: 2.0 m (6.56 ft)

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)
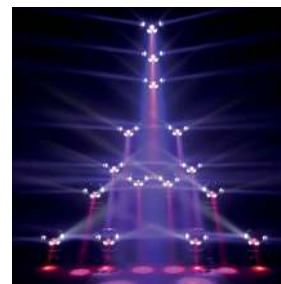- EN 60598-2-17 A2 (1991)

SIZE
- Product: 547 x 681 x 348 mm (l x h x d)
- Flight-case foam: 627 x 725 x 414 mm (l x h x d)

WEIGHT
- Product: 29.8 KG

PRODUCT CODES
- 015850: ALIENPIX-RS CREATIVE SOLUTION

AYRTON

Digital Lighting