

INTELLIPIX-XT



AYRTON
Digital Lighting

INTELLIPIX-XT CREATIVE SOLUTIONS

INTELLIPIX™XT is a refined and evolved version of AYRTON's original INTELLIPIX™R. In the same creative spirit, this versatile luminaire is fitted with nine ultra-powerful, low-etendue, multichip LED emitters, which can be controlled individually and are coupled with AYRTON's new proprietary 126 mm diameter optics.

This configuration pushes the limits even further with a 2° full beam and a centre-beam luminous intensity of 580 candelas per lumen - six times greater efficiency than its predecessor. INTELLIPIX™XT has a next-generation power supply unit that ensures efficiency over 95%. This technology enables the highly compact luminaire to run continuously at full power without any loss of performance.



In light of the diameter of the optics, AYRTON's challenge was to create a minimalist physical design to reduce the visual footprint, essentially making the luminaire semi-transparent.

With a highly precise coupling accessory, multiple INTELLIPIX™XT luminaires can be perfectly positioned in order to create large-dimension 3D volumetric lighting effects. A highly adjustable yoke system enables the luminaire to be used individually to generate complex assembled shapes.





OPTICS

- Beam aperture: 2°
- 85% optic efficiency
- High-efficiency 126 mm PMMA optics

LIGHT SOURCE

- 9 multi-chip High-Power LED sources
- Light output: up to 9,000 lumen
- Luminous intensity: 5,220,000 cd
- Rated sources life: up to 50,000 hours
- Flicker free sources management, suitable for TV applications and all video recorded events

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
- XLR 5 pin male and female connectors for DMX connection
- PowerCON TRUE1 male and female connectors for power connection

CONTROL

- DMX 512 protocol, through DMX cable
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 6 to 45 DMX)

POWER SUPPLY

- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 420 Watt max

COOLING SYSTEM

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

HOUSING

- Body made of aluminium and steel metal plates
- Heatsinks in aluminium, satin finish
- Moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Single yoke in aluminium
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- 8 fixing points for multiple products assembly
- Self-alignment via optional positioning system
- 2 rotating handles to adjust yoke
- Safety cable attachment point

OPERATING PARAMETERS

- Operating positions: all (device on floor or suspended)
- Maximum permitted ambient temperature (T_{amax}): 45°C (113°F)
- Minimum permitted ambient temperature (T_{amin}): -10°C (14°F)
- Minimum usage distance: 5.0 m (16.4 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

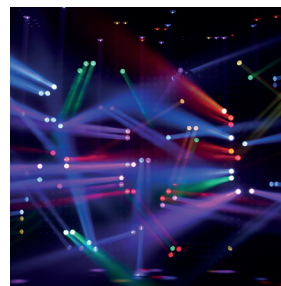
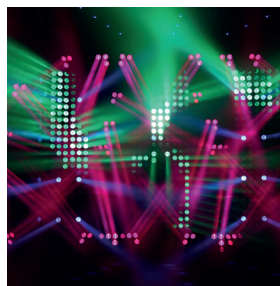
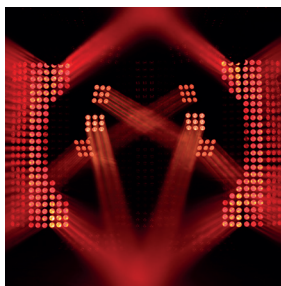
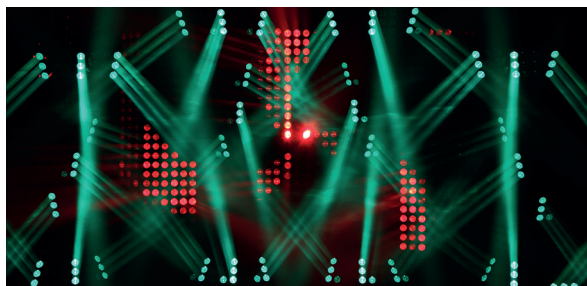
- Product: 473 x 473 x 247 mm (l x h x d)
- Flight-case foam: 557 x 515 x 330 mm (l x h x d)

WEIGHT

- Product: 15.5 KG

PRODUCT CODES

- 024750: INTELLIPIX-XT CREATIVE SOLUTION





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