MAGICPANEL-602

AYRTON
Digital Lighting

MAGICPANEL 602 CREATIVE SOLUTIONS

First-born in the Creative Solutions family, MAGICPANEL™602 is a modular LED luminaire which delivers a broad range of diverse visual effects. Equipped with continuous unlimited PAN & TILT rotation, it is able to display numbers, letters, graphic effects or images, but it is also a fabulous lighting luminaire which can be used as a dazzling projector. This luminaire integrates the new AYRTON™ technology that allows the individual control of each LED source in expanded Full Colour mode.
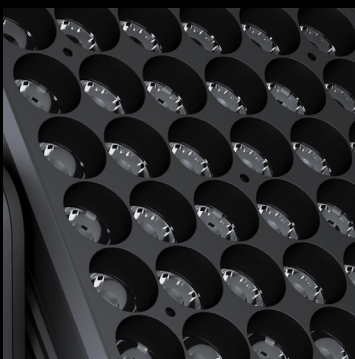
The display is made up of thirty-six 15 Watt RGBW LED emitters in a 6 x 6 array, fitted with high-output 7.5° 45 mm optics. These offer an overall luminous flux in excess of 14,000 lumen from a maximum power consumption of 600 Watt.

The square shape of the panel and perfect alignment of the optics combined with the continuous double rotation movements permit the creation of completely new three-dimensional effects. MAGICPANEL™602 can be used in groups to create rotating screens on the two axes while the robust construction of the luminaire allows its permanent use in vertical position.

Heat management is handled by a sophisticated and particularly quiet cooling system.

MAGICPANEL™602, which is particularly intended for the creation of special effects, benefits from extensive line connectivity. It can be controlled by DMX-RDM, Art-Net™ or through the LumenRadio™ DMX-RDM wireless connection.

OPTICS
- Beam aperture: 7,5°
- 85% optic efficiency
- High-efficiency 45 mm PMMA optics

LIGHT SOURCE
- 36 multi-chip 15 Watt LED sources
- Light output: up to 14,000 lumen
- Luminous intensity: 560,000 cd
- Rated sources life: up to 50,000 hours
- Flicker free sources management, suitable for TV applications and all video recorded events

MOVEMENT
- Continuous PAN and TILT rotation
- 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 RDM receiver
- XLR 5 pin male and female connectors for DMX connection
- Ethercon RJ45 IN / OUT connectors for ArtNet 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
- Local control panel, with LCD display
- DMX 512 Input / Output through XLR5 connectors
- ArtNet protocol through Ethernet cable
- Choice of 3 DMX modes (from 18 to 160 DMX channels)

POWER SUPPLY
- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 600 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 self-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: 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)
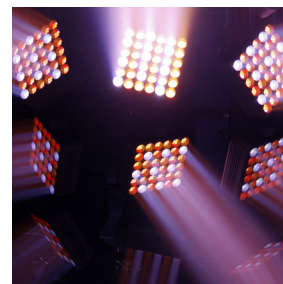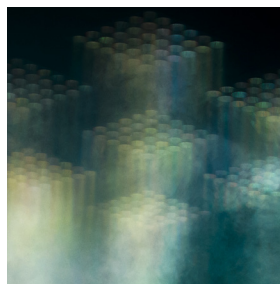- EN 60598-2-17 A2 (1991)

SIZE
- Product: 420 x 545 x 305 mm (l x h x d)
- Flight-case foam: 510 x 560 x 370 mm (l x h x d)

WEIGHT
- Product: 18.2 KG

PRODUCT CODES
- 015550: MAGICPANEL-602 CREATIVE SOLUTION

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