

# MAGICPANEL-FX



**AYRTON**  
Digital Lighting



## MAGICPANEL-FX

015670

Creative solution

MAGICPANEL-FX is the exciting new multi-function, multi-use luminaire descended from the renowned MAGICPANEL-R. With a revolutionary new optical zoom system that has no visible moving parts and a stationary transmitting lens, this proprietary system has a 15:1 zoom ratio with a range of 3.6° to 53°. The front face of MAGICPANEL-FX is comprised of a 5 x 5 array of squared lenses with perfectly isolated emitters – which offer exciting new possibilities for creating 2D graphical effects. Each of the 25 squared 65 mm output lenses have an optical surface equivalent to that of an 80 mm round lens, combined with an ultra-powerful, low-etendue, LED emitter. MAGICPANEL-FX produces an extremely powerful beam capable of creating extraordinarily new 3D volumetric effects.

With 900 W of total power, the versatile MAGICPANEL-FX has 25 next-generation RGBW high-power LED emitters and an active phase-change liquid cooling system using a heat pipe for intensive use in “wash light” mode. The continuous, unlimited, rotation on pan and tilt, first introduced on the legendary MAGICPANEL-602 in 2013, is standard. MAGICPANEL-FX has serial connectivity and can be controlled using DMX-RDM, ArtNet™, sACN or wireless CRMX TiMo RDM by LumenRadio™.

## OPTICS

- 2-element 15:1 zoom
- Beam aperture: 3.6° to 53°
- 25 x 65 mm squared frontal lens

## LIGHT SOURCE

- 25 x 1,000 lumens RGBW LED source
- Luminaire output: up to 13,500 lumens
- Luminous intensity: 2,070,000 cd
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

## MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: infinite pan & tilt rotation

## COLOURS

- Sophisticated 4 colours RGBW mixed
- 4.29 billion colours (8 bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

## EFFECTS

- 2D & 3D graphical effects capabilities
- Built-in pattern effects

## DIMMER / STROBE

- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

## HARDWARE FEATURES

- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

## CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 3 DMX modes (19 to 118 DMX channels)

## POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 1,000 W maximum

## COOLING SYSTEM

- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

## HOUSING

- Skeleton in aluminium and steel plates
- Moulded covers in ABS PC (V0 class)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Two Omega ¼ turn brackets
- Four ¼ turn mounting points
- Safety cable attachment point

## OPERATING PARAMETERS

- Operating positions: all
- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

## COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

## SIZE

- Product: 486 x 641 x 307 mm (l x h x d)
- Foam: 569 x 672 x 367 mm (l x h x d)

## WEIGHT

- Product: 33.7 kg

## PRODUCT CODE

- 015670: MAGICPANEL-FX



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[www.ayrton.eu](http://www.ayrton.eu)