

# MINIPANEL FX



**AYRTON**  
Digital Lighting

**Lumens****2,400****Kelvin**

-

**CRI****< 86****Beam****3.6° - 53°**

## MINIPANEL FX

Creative solutions

015450

MINIPANEL FX is a versatile new multi-function and multi-use luminaire that combines the same main features and essential components as the MAGICPANEL FX, in an ultra compact format. Fitted with four squared 65 mm lenses, the proprietary optical zoom system ensures a 15:1 zoom ratio, with a wide range of 3.6° to 53°. The crisp separation between the beams that enhances contrast, combined with an optical system using no visible moving parts and a stationary transmitting lens, offers new possibilities for creating graphical effects. Effects capabilities can be coupled with beam, wash or matrix applications to produce superb results whether performing in front of the audience or camera.

Highly compact, light, ultra-fast and powerful, MINIPANEL FX is equipped with four new low-etendue 30 W RGBW multi-chip LED emitters paired with a high-efficiency optical system. The fixture offers an overall luminous flux of 2,400 lumens and a centre-beam luminous intensity of 331,200 candelas for an overall consumption of only 200 W. The continuous, unlimited, rotation on pan and tilt, first introduced on the legendary MAGICPANEL 602 in 2013, is standard. MINIPANEL FX is equipped with extended serial connectivity and can be controlled via DMX-RDM or a wireless link using CRMX TiMo RDM from LumenRadio™.

## OPTICS

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

## LIGHT SOURCE

- 4 x 1,000 lumens RGBW LED source
- Luminaire output: up to 2,400 lumens
- Luminous intensity: 331,200 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
- powerCON TRUE1 connectors

## CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 3 DMX modes (19 to 34 DMX channels)

## POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 220 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

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

## OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 1.5 m (4.92 ft)

## COMPLIANCE

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

## SIZE

- Product: 285 x 397 x 220 mm (l x h x d)
- Foam: 340 x 425 x 275 mm (l x h x d)

## WEIGHT

- Product: 8.9 kg

## PRODUCT CODE

- 015450: MINIPANEL FX



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