

MAGICBLADE-FX



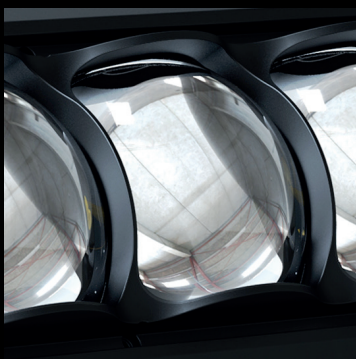
AYRTON
Digital Lighting

MAGICBLADE-FX CREATIVE SOLUTIONS

The versatile MAGICBLADE™FX is an exciting new iteration of Ayrtan's award-winning MAGICBLADE-R, which has been sold by the thousands for use on major musical tours worldwide. This new MagicBlade is equipped with the revolutionary FX optical zoom system that has no visible moving parts and a fixed transmitting lens. With a 15:1 zoom ratio, the beam angle of this proprietary system ranges from 3.6° to 53°. It features seven squared 65mm transmitting lenses, each with an equivalent optical surface to a round lens with an 80mm diameter that is combined with a ultra-powerful, low-etendue, LED emitter, enabling MAGICBLADE™FX to project intense beams to help create 3D volumetric effects.



The MAGICBLADE™FX has seven next-generation RGBW high-output LEDs that can be individually controlled to create airborne virtual scenery or to illuminate sets and performers. The crisp, clean separation between LED sources permits designers to develop innovative graphic effects. An onboard library of pre-programmed effects and colour macros can be combined with console driven control in various display modes. MAGICBLADE™FX has extended serial connectivity and can be controlled DMX-512 w/ RDM, ArtNet™, sACN or a wireless link with CRMX TiMo RDM from LumenRadio™.





OPTICS

- Motorized linear zoom system, ratio 15:1
- Beam aperture: 3.6° to 53°
- High-efficiency optical system

LIGHT SOURCE

- 7 multi-chip High-Power LED sources
- Light output: up to 4,500 lumen
- Luminous intensity: 620,000 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 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 protocol through Ethernet cable
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 22 to 46 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 110 to 240 Volts - 50/60Hz
- Power 400 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: two ¼ turn locking fittings allowing installation of Omega brackets on luminaire
- 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: 1.5 m (4.92 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

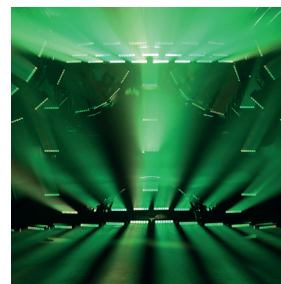
- Product: 612 x 312 x 191 mm (l x h x d)
- Flight-case foam: 677 x 370 x 250 mm (l x h x d)

WEIGHT

- Product: 13.0 KG

PRODUCT CODES

- 015350: MAGICBLADE-SX CREATIVE SOLUTION





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