# ARGO 6 FX

## FEEL THE FREEDOM

### OPTICS
- 2 elements 14:1 zoom high-resolution optic system
- Beam aperture: 4° to 56°
- Fast motorised linear zoom
- 19 truncated edges 50 mm frontal lenses
- 280 mm front lens cluster

### LIGHT SOURCE
- 19 x 1,000 lumens RGB+W High-Power LED sources
- Total luminaire output: up to 13,000 lumens
- CRI: up to 86
- Rated life: L70: up to 40,000 hours
- Flicker free sources management, suitable for TV applications and all video recorded events

### MOVEMENT
- 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
- Moving-head range: infinite pan & tilt rotation

### COLOURS
- Sophisticated 4 colours RGB+W 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

### EFFECTS
- 2D & 3D graphical effects capabilities
- Effects can be coupled with beam, wash or matrix applications
- Built-in pattern effects with speed and fade controls for scenic applications
- Individual control of each pixels
- LiquidEffect™

### 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 FEATURES
- Local DMX addressing of luminaire and optional parameters through its built-in LCD control panel
- Remote DMX addressing of luminaire and optional parameters through a standard RDM DMX controller
- Information menu including hour counter, temperature, software version

### HARDWARE FACILITIES
- Graphic LCD display for addressing and special functions settings, with flip function
- 5 menu buttons to set functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- IP65 XLR 5 pin male and female connectors for DMX connection
- IP65 etherCON RJ45 IN / OUT connectors for ArtNet™ connection
- IP65 powerCON TRUE1 IN / OUT 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 26 to 127 DMX channels)

### POWER SUPPLY
- Electronic supply with active PFC
- 100 to 240 Volts - 50/60Hz
- Power: 950 W maximum

### 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
- Base in die-cast aluminium
- Heatsinks in aluminium
- Moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Front window in Glass IK08 rated
- Two sides handles for transportation
- Four heavy-duty feet for better stability
- IP65 protection rating
- Exterior finish: black (Carbon)

### INSTALLATION
- Fastening brackets system: two Omega 1/4 turn brackets designed for use with standard clamps
- Mounting points: four 1/4 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): -20°C (-4°F)
- Minimum usage distance: 2.0 m (6.56 ft)

### COMPLIANCE
**EU (EMC & LVD)**
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

**US (Safety & EMC)**
- UL 1573
- FCC Part 15, Subpart B: 2018

### SIZE
- Product: 436 x 536 x 280 mm (l x h x d)
- Flight-case foam: 485 x 565 x 350 mm (l x h x d)

### WEIGHT
- Product: 23.2 kg

### PRODUCT CODES
- 019650: ARGO 6 FX - IP65 MULTI-SOURCES 6 SERIES

### LEGAL
- ARGO is AYRTON registered Trademark
- ARGO is patent pending

**AYRTON**
Digital Lighting