

# easyColor

LED MOVING HEAD LUMINAIRE



**AYRTON**

Light in action

## EASYCOLOR LED MOVING HEAD LUMINAIRE

EASYCOLOR is the very first professional LED moving-head fixture in the lighting industry. Its eighteen high-power LEDs have a 10-year life span (equivalent to over 100,000 hours' continuous use!) and offer users an infinite palette of rich saturated colors.





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Maintenance of EASYCOLOR fixtures is extremely easy, as they have no lamps or color mixing systems. Their very low IR emission and non-existent UV radiation enables them to be used close to the objects they illuminate without any risk of damage. EASYCOLOR units also offer all the latest moving-head features, making them ideal for use in architectural lighting, theatre, TV studios and display applications.







16,7 million colors (24 bit)

18 LED's

design

TECHNICAL SPECIFICATIONS

**OPTICS**

- Highly efficient PMMA secondary optics
- Polycarbonate diffuser for perfectly even beam coverage

**SOURCE**

- Variable intensity high-power colored LEDs
- No light source replacement
- Red LEDs: 6, green LEDs: 6, blue LEDs: 6
- Beam angle: 14° (with standard optic filter)
- Total light output: 330 lumens
- Rated life: 100.000 hours

**MOVEMENT**

- Extremely accurate head movement with 8 or 16-bit resolution
- Microprocessor-driven high-resolution stepper motors ensure extremely accurate smooth movement
- Automatic PAN and TILT reset
- Head movement: 650° (PAN), 280° (TILT)

**COLORS**

- Smooth additive RGB color mixing
- 16.7 million colors (24 bit)
- Pre-programmed color and rainbow effect

**FROST, DIFFUSION**

- Interchangeable optic filter

**DIMMER, STROBE**

- Electronic dimmer for adjustment of light output from 0 to 100% with no color variation
- High-speed white or full color strobe effect with 1-25 fps flash rate
- Pre-programmed strobe effect

**SOFTWARE FACILITIES**

- Fixture settings for DMX address and functions
- On/off LCD display
- 8/16 bit movement resolution selection
- Pan & tilt inversion facility
- Sophisticated control of cooling parameters to reduce noise
- Pre-set sequence control
- Self-test and display to show any faults
- Display showing main information: internal temperature, projector working hours, DMX signal, serial number, software version, etc...
- Software upgrade via DMX

**HARDWARE FACILITIES**

- Digital LCD display for addressing and special function setting read-out
- LCD display with flip function
- 4 menu buttons for setting functions
- Over-heating protection

**CONTROL**

- Control by DMX 512 protocol via 3-pin XLR
- 9 DMX control channels (16 bit)

**POWER SUPPLY**

- 120 VAC - 50-60Hz

**WEIGHT**

- 19 lbs / 8.5 Kg

**HOUSING**

- Construction: Self-extinguish V0 class fire-retardant ABS PC moulded covers. Aluminium and steel metal plate
- Separate LED compartment for easy maintenance
- Housed-handle for transportation
- IP20 protection rating

**RIGGING**

- Mounting points: Four 1/4-turn Camloc fittings
- Fastening system: Two Omega Quarter-turn brackets designed for use with standard connection systems
- Safety cable attachment point

**OPERATING PARAMETERS**

- Working position: Any
- Maximum ambient temperature (Ta): 40°C (104°F)
- Minimum distance from illuminated surface: 0.3m (12in)

**CONFORMITY**

- EU (EMC): EN 50081-1, EN 50082-1
- EU (Electrical Safety): EN 60598-1, EN 60598-2-17

**COOLING SYSTEM**

- Forced ventilation cooling system
- Self-adjusting variable speed fans for quiet operation



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