

MAGICBLADE NEO

unreal perception

OPTICS
- 2-element 10:1 zoom high-resolution optic system
- Beam aperture: 3° to 30°
- 5 x Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 5 x 100 mm front lens

LIGHT SOURCE
- 5 x 5,000 lm RGB-L led sources
- Total luminaire output: up to 15,000 lumens (integrating sphere measurement, Fan mode STAGE)
- Illuminance at 5m: 16,000 lux (one head)
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source management suitable for TV applications and all video-recorded events

MOVEMENT
- Highly accurate positioning
- Moving-head operated via either 8- or 16-bit resolution
- High-resolution stepper motors operated via microprocessors to ensure extreme accuracy and smooth movement
- Pan and tilt automatic repositioning
- Moving-head range: 5 x infinite pan and tilt rotation

COLOURS
- Sophisticated 4 colours RGB-L 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 CTC channel, from 2500 to 8000K
- Virtual Tint channel

EFFECTS
- Individual control of each head
- Liquid Effect with 60 individual pixels
- Built-in pattern effects for main leds and Liquid Effect, with speed and fade controls

DIMMER / STROBE
- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- Strobe effect, with speed adjustment from 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 4 menu buttons to set functions
- Integrated wireless CRMX TiMo RDM receiver from LumenRadio
- IP65 XLR 5 pin male and female connectors for DMX connection
- IP65 RJ45 IN / OUT connectors for ethernet connection
- IP65 Power male and female connectors for power connection
- Maximum current available at the output socket: 12 A

CONTROL
- DMX 512 protocol, through DMX cable or a wireless system
- DMX-RDM compatible
- Stand-alone mode and Main/Follow modes
- ArtNet & sACN protocol through Ethernet cable
- Local control panel, with IP65 LCD display
- Footprint of 175 or 184 DMX channels

POWER SUPPLY
- Electronic power supply with active PFC
- 100 to 240 Volts – 50/60Hz
- Power: 800 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess temperature protection

HOUSING
- Moving-head skeleton made in die-cast aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Moulded covers in ABS PC (V0 class)
- Tow-side handles for transportation
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Fastening bracket system: two Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: eight 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): -20° C (-4° F)
- Minimum usage distance: 0.5 m (1.64 ft.)

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

US (Safety & EMC)
- CFR 47, FCC Part 15, Subpart B:2023

Substance regulations
- RoHS
- REACH
- CP65

SIZE
- Product: 1008 x 200 x 352.5 mm (l x h x d)
- Flight-case foam: 1080 x 270 x 380 mm (l x h x d)

WEIGHT
- Product: 32.4 kg

PRODUCT CODE
- 015380: MAGICBLADE NEO - CREATIVE SERIES

LEGAL
- MAGICBLADE NEO is AYRTON registered Trademark
- MAGICBLADE NEO is patent pending

Product shown are for illustration purposes only. Specifications subject to change without notice.

AYRTON
Digital Lighting