

NAJA

OPTICS

- 13-element 35:1 zoom high-resolution optic system
- Beam aperture: 0.6° to 21°
- Tempered anti-reflective coated lenses
- 200 mm frontal lens

LIGHT SOURCE

- Lux at 10 m, over 1,840,000 lx (narrow angle)
- Colour temperature output: 9000 K
- CRI: greater than 68
- Rated life (L70): up to 12,000 hours
- Speckle-free source

MOVEMENT

- Extremely accurate positioning
- Moving-head operated via either 8- or 16-bit resolution
- Pan and tilt automatic repositioning
- Moving-head range: infinite (pan & tilt)

COLOURS

- Sophisticated colour mix system providing CMY colour mixing
- Variable CTO colour temperature correction 3800 to 9500 K
- Fixed colour wheel with 15 complementary colours, 2 multicolour and 2 minus green filters
- Animation colour wheel with 3 different multicolour sections

GOBOS

- One indexable rotating gobo wheels with 12 Quartz glass gobos (or metal), plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed multi-position gobo wheel with instant access to 80 metal gobos
- Gobo diameter: 6.9 mm
- Image diameter: 4 mm
- Gobo thickness: 1.1 mm

FROST

- Light frost (1") to soften the edge of the beam
- Heavy frost (5") for Wash effects

EFFECTS

- Focusable graphic animation effect-wheel with continuous rotation in both directions
- 2 set of 3 combinable rotating and indexable prisms
- 2 extra sets of 2 combinable rotating and indexable prisms

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

SOFTWARE FACILITIES

- 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
- Special pan & tilt modes to enhance responsiveness with tracking systems

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 RJ45 IN / OUT connectors for ArtNet and sACN connection
- IP65 Power connectors male and female for power connection

CONTROL

- DMX 512 protocol, through IP65 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
- Choice of 1 DMX mode (49 DMX channels)

POWER SUPPLY

- Electronic power supply with active PFC
- 100 to 240 Volts - 50/60Hz
- Power: 700 W maximum

COOLING SYSTEM

- Advanced high-performance cooling system
- IP68 Self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes including Super Silent Mode
- Safety protection against excess temperature

HOUSING

- Moving-head skeleton made of aluminium and steel metal plates
- Head in die-cast aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Four-side handles for transportation
- Four heavy-duty feet for better stability
- 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 temperature (Ta max): 45°C (113°F)
- Minimum temperature (Ta min): -20°C (-4°F)
- Minimum usage distance: 25 m (82 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:2023

Substance regulations

- RoHS
- REACH
- CP65

SIZE

- Product: 360 x 669 x 315 mm (l x h x d)
- Foam: 485 x 565 x 560 mm (l x h x d)

WEIGHT

- Product: 31.5 kg

PRODUCT CODE

- 014270: NAJA - LASER SOURCE IP65 3 SERIES

LEGAL

- NAJA is AYRTON registered Trademark
- NAJA is patent pending