



PERSEO BEAM

EMOTION PLAYER

OPTICS

- 13-element 2:1 zoom high-resolution optic system
- Beam aperture: 2° to 42°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 168 mm frontal lens for greater performance

LIGHT SOURCE

- 25,000 lumens 9000 K white-light engine
- Total luminaire output: up to 18,000 lumens (integrating sphere measurement, Fan mode AUTO)
- Colour temperature output: 6800 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source management suitable for TV applications and all video-recorded events

MOVEMENT

- Extremely accurate positioning
- Moving-head operated with 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: infinite rotation (pan, 263° (tilt)

COLOURS

- Sophisticated colour mixing system providing CMY colour mixing
- Variable CTO colour temperature correction
- Fixed colour wheel with four colour temperature correction and 13 complementary colours

GOBOS

- Indexable rotating gobo wheel with 9 high-precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Gobo diameter: 18.0 mm
- Image diameter: 12.0 mm
- Fixed multi-position gobo wheel with instant access to 19 HD glass gobos and 20 metal gobos on three concentric circles (patent pending)
- Image diameter: 12.0 mm

FRAMING SYSTEM

- 4 individually positionable shutter blades on a 100% surface area in all positions
- Rotation of the framing system module: +/- 60°

IRIS DIAPHRAGM

- Fast iris diaphragm with adjustable dynamic effects
- Iris range: 15% to 100% open

FROST

- 2 frost filters: one light, one heavy

EFFECTS

- Graphic animation effect-wheel with continuous rotation in both directions
- Prism effect system comprising four combinable rotating 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 FEATURES

- Local DMX addressing of luminaire and optional parameters through a 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 FEATURES

- 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™ connection
- IP65 PowerCON TRUE1 male connector for power connection

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
- Choice of 3 DMX modes (from 29 to 42 DMX channels)

POWER SUPPLY

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

COOLING SYSTEM

- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes with a new Super Silent Mode
- Safety protection against temperature excesses

HOUSING

- Moving-head skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Moulded covers in die-cast aluminium
- Two-side handles for transportation
- Four heavy-duty feet for better stability
- IP65 protection rating
- Exterior finish: black (carbon)

INSTALLATION

- Fastening-bracket 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: 3 m (9.84 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

Substance regulations

- RoHS
- REACH
- CP65

SIZE

- Product: 490 x 710 x 330 mm (l x h x d)
- Flight-case foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT

- Product: 41.5 kg

PRODUCT CODES

- 012470: PERSEO BEAM - CLASSICAL IP65 6 SERIES

LEGAL

- PERSEO is AYRTON registered Trademark
- PERSEO is a patented model



AYRTON
Digital Lighting