



The MAC Aura XB takes an award-winning, innovative, compact LED wash light to the next level, incorporating many new features first introduced with the MAC Quantum Wash™. Not only does the MAC Aura XB offer additional brightness, it also features a new superior color mixing system and an optimized lens design for tighter beams and more even washes. Martin's unique and patented Eye-candy Aura Effects™ are also part of the package.

Super-bright single-lens wash with fully premixed color

Broad color palette, RGBW color mixing

Eye-candy Aura Effects™

Uniform shades

Built-in FX engine

10 to 60° uniform zoom

6000 Lumens output

Rapid movement

Compact, low weight design (6.5 kg)

High efficiency, low power consumption, long lifetime

Optics and Photometric Data

Light source: 15 W RGBW array system

LED refresh rate: Beam 1200 Hz, Aura 4395 Hz

Minimum LED lifetime: 50 000 hours (to >70% luminous output)*

Total luminous output (wide, one-tenth peak): 6.0 Kl_m

Total luminous output (narrow, one-tenth peak): 4.3 Kl_m

Video compatibility: Designed for use with HD/high-speed video cameras

**Figure obtained under manufacturer's test conditions*

Physical

Length: 302 mm (11.9 in.) across yoke

Width: 302 mm (11.9 in.) across yoke

Height: 360 mm (14.2 in.), head straight up

Weight: 6.5 kg (14.4 lbs.) without accessories

Dynamic Effects

Beam color mixing: RGBW

Aura (secondary lens array illumination) color mixing: RGB

Beam color temperature control: CTO, variable 10 000 - 2500 K

Beam and aura electronic 'color wheel' effect: 33 LEE-referenced colors plus white, variable-speed color-wheel rotation effect and random color

Beam and aura independent shutter effects: Electronic, with regular and random pulse, burst and strobe effects

Pre-programmed effects: Range of independent and synchronized Beam and Aura FX, two combinable

Electronic dimming: Independent beam and aura, four dimming curve options

Zoom: 10° - 60° (one-tenth peak angle)

Pan: 540°

	Tilt: 232° Pan and tilt speed: Adjustable via onboard control panel and DMX
Control and Programming	Control options: Independent or synchronized Beam and Aura control Control system: DMX, RDM Control resolution: 8-bit, with 16-bit control of pan & tilt DMX channels: 14/25 Setting and addressing: Control panel with backlit graphic display DMX compliance: USITT DMX512-A RDM compliance: ANSI/ESTA E1.20 Transceiver: RS-485 Firmware update: Via DMX with Martin™ USB Duo DMX Interface Box
Construction	Color: Black Housing: High-impact thermoplastic, flame-retardant to UL 94 5VA Protection rating: IP20
Installation	Mounting points: M12 hole for rigging clamp, attachment points for surface-mounting bracket Orientation: Any Minimum distance to combustible materials: 200 mm (8 in.) from fixture Minimum distance to illuminated surfaces: 1 m (3 ft. 4 in.) from fixture Location: Indoor use only, must be fastened to surface or structure
Connections	AC power: Neutrik PowerCON TRUE1 NAC3PX dual socket AC power input socket accepts Neutrik PowerCON TRUE1 NAC3FX-W cable connector AC power thru socket accepts Neutrik PowerCON TRUE1 NAC3MX-W cable connector DMX data in/out: 5-pin locking XLR
Electrical	Maximum power consumption: 400 W Power supply unit: Auto-ranging electronic switch mode AC power: 100-240 V nominal, 50/60 Hz Typical half-cycle RMS inrush current: 10.7 A Power consumption, all effects static, zero light output: <25 W
Typical Power and Current	100 V, 60 Hz: 359 W, 3.8 A, PF 0.99 120 V, 60 Hz: 355 W, 3.2 A, PF 0.99 208 V, 60 Hz: 350 W, 1.8 A, PF 0.97 230 V, 50 Hz: 349 W, 1.7 A, PF 0.95 240 V, 50 Hz: 349 W, 1.6 A, PF 0.95 <i>Measurements made at nominal voltage with all LEDs at full intensity. Allow for a deviation of +/- 10%.</i>
Thermal	Cooling: Forced air (temperature-regulated, low noise, user-definable levels) Maximum ambient temperature (Ta max.): 40° C (104° F) Minimum ambient temperature (Ta min.): 5° C (41° F) Total heat dissipation (calculated, +/- 10%): 1230 BTU/hr.
Approvals	EU safety: EN 60598-2-17 (EN 60598-1), EN 62471 EU EMC: EN 55103-1, EN 55103-2, EN 55015, EN 61547 US safety: UL 1573 US EMC: FCC Part 15 Class A Canadian safety: CSA E598-2-17 (CSA E60598-1) Canadian EMC: ICES-003 Class A Australia/NZ: C-TICK N4241
Included Items	M12 bolt suitable for use with Martin rigging clamps: Note that power cables and connectors are not included and must be ordered separately

Related Items Martin USB Duo™ DMX Interface Box: P/N 90703010
Martin DMX 5.3 Splitter™: P/N 90758140
Martin RDM 5.5 Splitter™: P/N 90758150

Ordering Information MAC Aura XB™ in cardboard box:: P/N 90232100
MAC Aura XB™ in 6-unit flightcase:: P/N 90232110

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