



The 1500-watt MAC III AirFX is an extremely bright and highly versatile lighting fixture, a new concept that combines hard-edge, mid-air effects and a beautiful wash field in one luminaire. Capable of projecting a dense, hard-edge beam with stunning mid-air aerial effects, the fixture's unique optical system allows it to adjust from a tight beam to a radiant wash instantly for greater design flexibility.

Beam gobo projections can adjust along the entire zoom range for a diverse variety of mid-air looks. Unlike other fixtures, the MAC III AirFX maintains high efficiency throughout the entire zoom range with a fully linear zoom that gives no visible beam jump from tight to wide.

Super bright, the MAC III AirFX is powerful enough to cut through light from even the most powerful LED screens.

- n 4 aerial effects - all rotating and replaceable
- n Fade-in frost filter for wash effect
- n Iris / Dimmer / Shutter
- n 59,500 lm output
- n Beam, mid-air effects and wash luminaire in one
- n 10-47° linear zoom with linked focus
- n 9" clear, precision PC lens (optional Fresnel)
- n CMY color mixing plus color wheel
- n Variable CTO

**Physical** Length (Head): 712 mm  
Width: 536 mm  
Height: 936 mm  
Weight: 54.9 kg

**Lamp** Type: 1500 W discharge  
Approved lamp: Osram HTI 1500W/60/P50 7mm Lok-it  
Color temperature: 6000 K  
CRI (Color rendering index): >90  
Average lifetime: 750 hours  
Hot restrike: Semi-hot (restrike in under 90 seconds)  
Socket: PGJ50  
Ballast: Electronic

**Dynamic Effects** Color mixing: CMY, independently variable 0 - 100%  
Color temperature control: CTO, variable 6000 - 3200 K  
Color wheel: 7 interchangeable dichroic filters + open, indexing, continuous rotation, random color  
Rotating aerial effects: Wheel with 4 interchangeable rotating aerial effects, effect indexing, continuous rotation and shake  
Iris: Variable, pulse effects  
Dimming: Combined electronic and mechanical 0-100% continuous dimming, choice of four dimming curves  
Tilt: 268°

	Position correction system: Absolute position monitoring
	Mechanical shutter: Strobe effect, pulse effects, instant open and blackout
	Focus: 2 m to infinity
	Zoom: Motorized
	Zoom-focus linking system: Automatic
	Wash effect: Fade in/out
	Pan: 540°
<b>Control and Programming</b>	DMX channels: 22
	Setting and addressing: Control panel with backlit graphic display and jog wheel or via DMX
	RDM: Implemented
	16-bit control: Aerial effect indexing and rotation speed, dimmer, pan and tilt
	DMX compliance: USITT DMX512-A
	RDM compliance: ANSI/ESTA E1.20
	Receiver: Opto-isolated RS-485
	Firmware update: USB memory device or USB/DMX hardware interface over DMX link
<b>Service Utilities</b>	Fixture identification: User-settable 12-digit ID number
<b>Photometric Data</b>	Total output (max.): 59,500 lm
	Beam angle: 10° - 47°
<b>Construction</b>	Color(s): Black
	Housing: Magnesium alloy, UV-resistant fiber-reinforced composite
	Reflector: Glass, cold light
	Protection rating: IP20
<b>Installation</b>	Mounting points: Eight quarter-turn locking points
	Orientation: Any
	Minimum distance to illuminated surfaces: 5.8 m
	Minimum distance to combustible materials: 0.2 m
<b>Connections</b>	AC power input: Neutrik PowerCon
	DMX and RDM data in/out: 5-pin locking XLR
	Ethernet (Artnet II compatible, ACN-ready): Neutrik RJ-45 socket (accepts Neutrik EtherCon connectors in housing)
	USB memory devices: USB host socket
	Future USB options: USB device socket
<b>Electrical</b>	AC power: 200-240 V nominal, 50/60 Hz
	Power supply unit: Auto-ranging electronic switch-mode
	Main fuses: 16 AT (x 2)
<b>Typical Power and Current</b>	200 V, 50 Hz: 1801 W, 9.0 A, PF 0.996
	200 V, 60 Hz: 1805 W, 9.1 A, PF 0.995
	208 V, 60 Hz: 1802 W, 8.8 A, PF 0.994
	220 V, 50 Hz: 1788 W, 8.2 A, PF 0.994
	230 V, 50 Hz: 1783 W, 7.8 A, PF 0.993
	240 V, 50 Hz: 1779 W, 7.5 A, PF 0.989
	240 V, 60 Hz: 1786 W, 7.5 A, PF 0.987
	<i>Measurements made at nominal voltage. Allow for a deviation of +/- 10%.</i>
	<i>PF = power factor</i>
<b>Thermal</b>	Cooling: Filtered forced air (temperature-regulated, low noise)
	Maximum ambient temperature (Ta max.): 40° C
	Maximum surface temperature, steady state, Ta=40° C: 170° C
	Total heat dissipation (calculated, +/- 10% at 200 V, 60 Hz): 6160 BTU/hr.

<b>Approvals</b>	EU safety: EN 60598-1, EN 60598-2-17 EU EMC: EN 55 015, EN 55 103-1, EN 61 547 US safety (pending): ANSI/UL 1573 Canadian safety (pending): CAN/CSA E60598-1, CAN/CSA E598-2-17
<b>Included Items</b>	Lamp (installed): 97010348 Two Omega clamp attachment brackets with 1/4-turn fasteners: 91602001 User manual:
<b>Related Items</b>	Martin USB Duo™ DMX Interface Box: 90703010 Martin RDM 5.5 Splitter™: 90758150
<b>Spare Parts</b>	Osram HTI 1500W/60/P50 7mm Lok-it lamp: 97010348 Base air filter, short: 20800220 Base air filter, long: 20800230 Main fuse (16 AT): 05020047
<b>Ordering Information</b>	MAC III AirFX™ in cardboard box: 90206500 MAC III AirFX™ in single flightcase: 90206510
<b>Shipping Information</b>	<b>In cardboard carton</b> Shipping dimensions (LxWxH): 530 mm x 640 mm x 1060 mm Shipping weight: 64 kg Quantity on pallet: Four products in single layer Pallet dimensions (LxWxH): 1200 mm x 1000 mm x 1320 mm Pallet volume: 1.9 m <sup>3</sup> Pallet volume: 2.2 m <sup>3</sup> Pallet weight (incl. pallet): 430 kg Pallet weight (incl. pallet): 275 kg <b>In flightcase</b> Shipping dimensions (LxWxH): 970 mm x 600 mm x 930 mm Shipping weight: 104 kg Quantity on pallet: Four products in two layers Pallet dimensions (LxWxH): 1200 mm x 1000 mm x 1800 mm

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