

The MAC 301 Wash" is an LED moving head washlight with a powerfully fast zoom and impressive zoom range. It is capable of producing a wide range of exceptional colors from rich saturated shades to uniform pastels through the entire zoom range.

- Fast and efficient zoom: 13 - 36°
- Brightest LED moving head in its class
- Uniform color mixing
- Vibrant saturated and subtle pastels
- Punchy beam with great beam definition
- Smooth electronic dimming: 0 - 100%
- Electronic strobe with pulse and random effects
- Compact and low weight
- Quiet
- DMX-512 control
- All the benefits of LED

**Physical** Length: 200 mm (7.9 in.)  
Width: 320 mm (12.6 in.)  
Height: 370 mm (14.6 in.)  
Weight: 8.9 kg (19.6 lbs.) excl. brackets

**Dynamic Effects** Color mixing: RGB  
Red: 0 - 100%  
Green: 0 - 100%  
Blue: 0 - 100%  
Electronic 'color wheel' effect: 7 colors plus white, color wheel rotation effect, snap, blackout or dimmer fade at color changes  
Variable CTC  
Electronic dimming: 0 - 100%  
Zoom: 13 - 36°  
Strobe effect: Electronic, with pulse and random effects  
Pan: 430°  
Tilt: 300°  
Adjustable pan/tilt and effects speed

**Optics** Light source: Luxeon Rebel high power emitters

**Control and Programming** Control options: DMX, stand-alone  
DMX channels: 12/15/16/19  
Setting and addressing: Control panel with backlit graphic display  
Protocol: USITT DMX512/1990  
Stand-alone memory: 28 scenes  
Stand-alone programming: Control panel with backlit graphic display  
Transceiver: RS-485  
Firmware update: Serial upload via DMX link

**Construction** Color: Black  
Housing: High-impact flame-retardant thermoplastic  
Protection rating: IP20

**Installation** Mounting points: 2 pairs of 1/4-turn locks  
Orientation: Any  
Minimum distance to combustible materials: 100 mm (3.9 in.) from head, no minimum distance from base

**Connections** AC power input: 1.6 m (5.2 ft.) cable tail  
DMX data in/out: 3-pin and 5-pin locking XLR

**Electrical** AC power: 100-130 V (US model), 200-240 V (EU model), 50/60 Hz  
Maximum total power consumption: 350 W  
Power supply unit: Electronic switch mode  
Main fuse: 6.3 AT (US model), 4 AT (EU model)

**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%): 1200 BTU/hr.