

The MAC 250 Entour is a brilliant, feature rich profile with two gobo wheels, a colour wheel, dimmer, shutter, prism and focus. Superior optics and an extremely user friendly construction make it ideal for the rigors of today's rental market.

- 250 W long life discharge lamp
- 12 position colour wheel plus open
- Motorized focus
- 14° lens included
- Mechanical dimming
- Interchangeable 3-facet rotating prism
- 10 static and 7 indexable rotating gobos plus open
- Strobe effect up to 14 Hz, pulse effects, instant open and blackout
- Pan and tilt range of 540°/257°
- Variable fan control for quieter operation
- Tilt lock
- Modular design for easy maintenance and servicing

Physical Length: 375 mm
Width: 315 mm
Height: 538 mm, head straight up
Weight: 22.4 kg

Lamp Type: 250 W discharge
Fitted as standard: Philips MSD 250/2
Color temperature: 8500 K
CRI (Color rendering index): 65
Average lifetime: 3000 hours
Hot restrike: No
Socket: GY 9.5
Ballast: Magnetic
Approved alternative lamp(s): Osram HSD 250/80, GE CSD 250/2

Dynamic Effects Color wheel: 12 colours (incl. CTC) + open, full and split positions, continuous rotation
Gobo wheel: 10 interchangeable gobos + open, indexing, shake and continuous rotation
Rotating gobos: 7 interchangeable gobos + open, indexing, continuous gobo rotation, shake, continuous scrolling
Prism: Interchangeable 3-facet rotating prism
Mechanical dimmer: 0 - 100%
Shutter: Strobe effect up to 14 Hz, pulse effects, instant open and blackout
Focus: 2 m to infinity
Pan: 540°
Tilt: 257°

Optics Beam angle: Narrow lens 14.5°, standard lens 18°, cut-off angles

Control and Programming DMX channels: 15/18
Setting and addressing: Control panel with LED display
16-bit control: Colour wheel, rotating gobos, dimmer, focus, pan and tilt
Movement control options: Tracking and vector
Protocol: USITT DMX512/1990
Receiver: Opto-isolated RS-485
Firmware update: Serial upload via DMX link

Construction Color(s): Black
Housing: UV-resistant fibre-reinforced composite
Reflector: Glass, cold light
Protection rating: IP20

Gobos Outside diameter: 22.5 mm + 0/- 0.3 mm
Maximum image diameter: 17 mm

Maximum thickness: 1.8 mm
Recommended glass: High-temperature Borofloat or better with dichroic or enhanced aluminium coating
Recommended metal: Aluminium (steel for temporary use only)

Installation Mounting points: 2 pairs of 1/4-turn locks
Orientation: Any

Connections AC power input: 3-pin IEC
DMX data in/out: 3-pin and 5-pin locking XLR

Electrical AC power: 100-240 V nominal, 50/60 Hz
Power supply unit: User-reconfigurable voltage and frequency settings
Main fuse: 6.3 AT (slow blow)

Thermal Cooling: Filtered forced air (temperature-regulated)
Maximum ambient temperature (T_a max.): 40° C
Maximum surface temperature, steady state, T_a=40° C: 160° C
Total heat dissipation (calculated, +/- 10%): 1120 BTU/hr.

Approvals

EU safety: EN 60598-2-17
EU EMC: EN 55 015, EN 55 103-1, EN 61 547
US safety: ANSI/UL 1573
Canadian safety: CSA C22.2 No. 166

Included Items Philips MSD 250/2 lamp (installed): P/N 97010100
Narrow lens with adapter: P/N 41200029
3 m power cable, 3-pin IEC: P/N 11501013
Two T-shaped Omega brackets with 1/4 turn fasteners: P/N 91602008
User manual: P/N 35000126

Accessories Osram HSD 250/80 lamp: P/N 97010116
G-clamp: P/N 91602003
Half-coupler clamp: P/N 91602005
Quick trigger clamp: P/N 91602007
Double flightcase for MAC 250 Krypton/Entour/Wash: P/N 91510014

Ordering Information MAC 250 Entour in cardboard box: P/N 90225710
MAC 250 Entour in double flightcase: P/N 90225700

Photometric Data

Standard Efficiency: 28%
Half-peak angle: 9.7°
Total output: 5000 lm

Narrow Efficiency: 22%
Half-peak angle: 7.9°
Total output: 4000 lm

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