

ColorSpot 250 AT™



The ColorSpot 250 AT includes a new rotating gobo wheel with 7 replaceable "SLOT&LOCK" dichroic glass gobos + open, and a new colour wheel hosting 10 replaceable "SLOT&LOCK" colours + open. The 3-facet rotating prism is now also replaceable. Completely new software enables very smooth rotations of gobos and prism, and 8- or 16-bit resolution for gobo indexing, prism indexing and dimmer. The improved cooling system ensures better operating conditions for lamp and reduces noise at the same time. The ColorSpot 250 AT is aimed at the TV studios, small and middle sized clubs and discotheques, and various types of installations.

- **Source**
 - Lamp: Compact high-pressure metal halide lamp
 - Base: GY9.5
 - Approved model: Philips MSD 250/2
 - Control: Automatic and remote on/off
 - Ballast: Magnetic
- **Optical System**
 - Standard objective: 15°
 - Optional objectives: 12° and 18°
- **Electrical Specification**
 - Wiring options: EU model – 208/230/240 V, 50/60 Hz, US model – 100/120/208/230 V, 50/60 Hz
 - Power consumption: 410 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 483 mm (19.0") – head in horizontal position
 - Width: 419 mm (16.5")
 - Depth: 438 mm (17.3")
 - Weight: EU model – 20.5 kg (45.2 lbs), US model – 23.5 kg (51.8 lbs)

- **Thermal**
 - Maximum ambient temperature (Ta): 40 °C (104 °F)
 - Maximum surface temperature: 80 °C (176 °F)
- **Gobos**
 - Outside diameter – dichroic and glass gobos: 26.8 mm
 - Image diameter – dichroic gobos: 22.0 mm
 - Thickness – dichroic gobos: 1.1 mm (high temperature borofloat or better glass)
 - Glass gobos: max. thickness = 4 mm (high temperature borofloat or better glass)
- **Control and Programming**
 - Protocol: USITT DMX-512, RDM support
 - Control channels: 14, 16, 18 or 20
 - DMX channels: 4 protocol modes
 - Built-in demo sequences
 - Display: 4-digit LED display
 - Pan/Tilt resolution: 16bit
 - Colour wheel: 8 or 16bit
 - Gobo indexing: 8 or 16bit
 - Focus: 8 or 16bit
 - Dimmer: 8 or 16bit
 - Master/Slave operation
 - Stand-alone operation
 - 3-editable programs, each up to 99 steps
 - Movement control: Tracking and vector
 - Built-in analyzer for easy fault finding
 - Data in/out: Locking 3-pin XLR + 5-pin XLR
- **Electromechanical Effects**
 - Colour wheel: 10 replaceable "SLOT&LOCK" dichroic filters + open
 - Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
 - Interchangeable high-speed rotating 3-facet prism, optional frost filter supplied with the fixture
 - Dimmer/Shutter: Full range dimming and variable strobe effect
 - Focus: Motorized focus
 - Pan: 530°
 - Tilt: 280°
- **Rigging**
 - Mounting points: 4 pairs of ¼-turn locks
 - 2x Omega bracket with ¼-turn quick locks
- **Optional Accessories**
 - Objective 12°
 - Lens-module 18°



ColorWash 250 AT™



A completely new optical system makes this fixture 50 % brighter than its predecessor, the Wash 250 XT. New ultra smooth CMY colour mixing offers a fantastic spectrum of hues. A motorized zoom effect ranges from 8–32 ° and the extremely silent cooling system and movement make this fixture a superb choice for TV and theatre. The colour wheel offers 6 saturated colours + open, using Robe's renowned "SLOT&LOCK" system. Frost filter and a beam shaper are available on the effect wheel. As with all other Robe AT moving heads, 16-bit resolution is available for movement, colour wheel positioning and dimming.

● Source

- Lamp: Compact high-pressure metal halide lamp
- Base: GY9.5
- Approved model: Philips MSD 250/2
- Control: Automatic and remote on/off
- Ballast: Magnetic

● Optical System

- High luminous-efficiency parabolic reflector
- Front fresnel lens of diameter 158 mm

● Electrical Specification

- Wiring options: EU model – 208/230/240 V, 50/60 Hz, US model – 100/120/208/230 V, 50/60 Hz
- Power consumption: 405 VA at 230 V/50 Hz

● Mechanical Specification

- Height: 502 mm (19.8")
- Width: 419 mm (16.5")
- Depth: 438 mm (17.2")
- Weight: EU model – 20.5 kg (45.2 lbs), US model – 23.5 kg (51.8 lbs)

● Thermal

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 70 °C (158 °F)

● Control and Programming

- Protocol: USITT DMX-512, RDM support
- Control channels: 16, 18 or 20
- DMX channels: 4 protocol modes
- Built-in demo sequences
- Display: 4-digit LED display
- Pan/Tilt resolution: 16bit
- Colour wheel positioning: 8 or 16bit
- Dimmer: 8 or 16 bit
- Master/Slave operation
- Stand-alone operation
- 3-editable programs, each up to 99 steps
- Movement control: Tracking and vector
- Built-in analyzer for easy fault finding
- Data in/out: Locking 3-pin XLR & 5-pin XLR

● Electromechanical Effects

- Cyan: 0–100 %
- Magenta: 0–100 %
- Yellow: 0–100 %
- Colour wheel: 6 replaceable "SLOT&LOCK" dichroic filters + open
- Effect wheel: Beam Shaper rotated by 90 °, Frost Filter
- Dimmer/Shutter: Full range dimming and variable strobe effect
- Zoom: Motorized zoom 8 °–32 °
- Pan: 530 °
- Tilt: 268 °

● Rigging

- Mounting points: 4 pairs of ¼-turn locks
- 2x Omega brackets with ¼-turn quick locks

