

# 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.



# Technical Specification

## 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°

## 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°

## 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

## Rotating gobos

- Dichroic glass gobos - outside diameter: 26.8 mm, image diameter: 22.0 mm, thickness: 1.1 mm, high temperature borofloat or better glass
- Glass gobo - outside diameter: 26.8 mm, max. thickness: 4 mm, high temperature borofloat or better glass

## Thermal specification

- Maximum ambient temperature (Ta): 40 °C (104 °F)
- Maximum surface temperature: 80 °C (176 °F)

## Electrical specification and connections

- 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)

## Rigging

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

## Optional accessories

- Objective 12°
- Lens-module 18°

## Gobos&Colours

### Rotating Gobo Wheel



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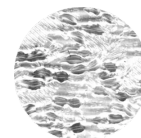
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### Colour Wheel



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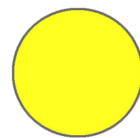
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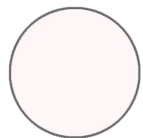
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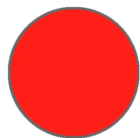
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