

# ColorSpot 1200 AT™

The ColorSpot 1200 AT is designed as the ultimate creative tool for large theatre, TV and live shows and for installations in multi-purpose venues and large clubs. The fixture uses a powerful Philips 1200 SA discharge lamp lightsource. This is further boosted by a high quality super-efficient optical system, making the ColorSpot 1200 AT one of the brightest moving fixtures currently on the market. Major features include a versatile CMY colour mixing system, variable CTO plus an additional colour wheel, 12 rotating indexable, replaceable dichroic glass gobos on two wheels offering 48 gobo combinations, iris, 4 rotating prisms and effects, variable frost, an incredibly flexible 13 - 42 degree linear zoom, remote focus, dimmer and shutter. Its progressive colour temperature correction system - from 5600K to 3200K is designed for use in television and film applications.



# Technical Specification

## Source

- Lamp: 1200 W short arc discharge
- Base: GY22 Approved model: Philips MSR 1200 SA
- Control: Automatic and remote on/off
- Ballast: Magnetic

## Electrical specification and connections

- Wiring options: 208/230/250 V, 50/60 Hz
- Power consumption: 1600 VA at 230 V/50 Hz

## Mechanical specification

- Height: 619 mm (24.4 ") - head in horizontal position
- Width: 536 mm (21.1 ")
- Depth: 616 mm (24.3 ")
- Weight: 51.5 kg (113.5 lbs)

## Thermal specification

- Maximum ambient temperature (Ta): 40 °C (104 °F)
- Maximum surface temperature: 135 °C (275 °F)

## Rotating gobos

- Dichroic glass gobos - outside diameter: 37.3 mm, image diameter: 31.5 mm, thickness: 1.1 mm, max. thickness: 5 mm, high temperature borofloat or better glass, coating: dichroic or enhanced aluminium
- Glass gobo - outside diameter: 37.0 mm, thickness: 1.1 mm, max. thickness: 5 mm, high temperature borofloat or better glass

## Optical system and effects

- Outside diameter: 47+0/-0.3 mm
- Thickness: Up to 5 mm in rotating slots (up to 8 mm in the center)

## Control and programming

- Protocol: USITT DMX-512, RDM support
- Control channels: 24 or 32 3 DMX control modes
- Setting & Addressing: ROBE Navigation System (RNS)

- Display: Blue/white LCD graphic
- Pan/Tilt resolution: 16bit
- Gobo indexing: 8 or 16bit
- Prism indexing: 8 or 16bit
- Dimmer: 8 or 16bit
- Movement control: Tracking and vector
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Stand-alone operation
- 3-editable programs, each up to 99 steps

## **Electromechanical effects**

- Cyan: 0-100%
- Magenta: 0-100%
- Yellow: 0-100%
- CTO: 0-100%
- Colour wheel: 6 replaceable "SLOT&LOCK" colours + open
- Gobo wheel 1: 6 rotating, indexable, replaceable "SLOT&LOCK" dichroic glass gobos + open
- Gobo wheel 2: 6 rotating, indexable, replaceable "SLOT&LOCK" dichroic glass gobos + open
- Iris: Motorized, stepless
- Effect wheel: 4 rotating, indexable, replaceable "SLOT&LOCK" prisms and effects + open
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobe effect
- Focus: 2 m - infinity
- Zoom: 13° - 42°
- Pan: 530°
- Tilt: 280°

## **Rigging**

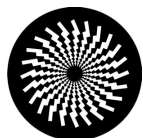
- Mounting points: 8 pairs of ¼-turn locks
- Fastening system: ROBE's own 2x Omega clamps
- Fixation option: Pan/Tilt-lock mechanism

## **Optional accessories**

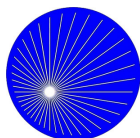
- Remote control IR

## Gobos&Colours

### Rotating Gobo Wheel 1



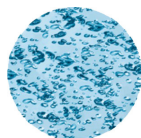
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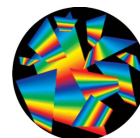
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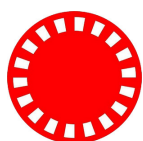


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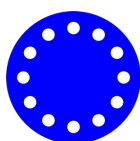


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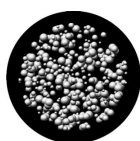
### Rotating Gobo Wheel 2



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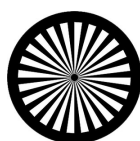
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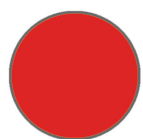


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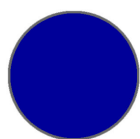


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### Colour Wheel



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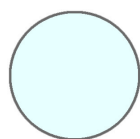
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