

# ColorSpot 575E AT™

The ColorSpot 575E AT is an electronic ballast version of the ColorSpot 575 AT, which sees an expansion of features like flicker-free operation, enhanced light output, extended lamp life, power-saving mode for economy and reduced weight. The ColorSpot 575E AT is equipped with high practical large LCD graphic display. It also includes two separate gobo wheels and 2 separate colour wheels with the "SLOT & LOCK" system, motorized multi-step zoom with three different apertures of 15, 18 and 22 degrees; motorized iris, prism, separate and variable frost effects, remote focus and many, many more features.



# Technical Specification

## Source

- Lamp: Compact high-pressure metal halide lamp
- Base: GX9.5
- Approved model: Philips MSR 575/2
- Control: Automatic and remote on/off
- Ballast: Electronic

## Optical system

- Dichroic glass reflector for maximising the light efficiency
- 15, 18 and 22 degree beam angles remotely adjustable

## Electrical specification and connections

- Wiring options: 100/120/208/230/240V, 50/60Hz
- Power consumption: 760VA at 230V/50Hz

## Mechanical specification

- Height: 555 mm (21.9") - head in horizontal position
- Width: 470 mm (18.5")
- Depth: 446 mm (17.6")
- Weight: 26 kg (57.3 lbs)

## Thermal specification

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

## Rotating 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: 19, 21, 27 or 29
- DMX channels: 4 protocol modes
- Built-in demo sequences
- Display: blue/white LCD graphic
- Pan/Tilt resolution: 16bit
- Colour wheel positioning: 8 or 16bit
- Gobo wheel positioning: 8 or 16bit
- Frost: 8 or 16bit
- Iris: 8 or 16bit
- Focus: 8 or 16bit
- Dimmer: 8 or 16bit
- Controllable speed of fans
- Movement control: Tracking and vector
- Built-in analyzer for easy fault finding
- 3-editable programs, each up to 99 steps
- Stand-alone operation
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin XLR & 5-pin XLR

## Electromechanical effects

- Motorized multi-step zoom with three different apertures (15°, 18°, 22°)
- Colour wheel 1: 9 dichroic filters + open
- Colour wheel 2: 8 replaceable "SLOT&LOCK" dichroic filters + open (including 3200K, correction filter and UV filter)
- Static gobo wheel: 9 replaceable "SLOT&LOCK" metal gobos + open
- Rotating gobo wheel: 7 rotating, indexable, replaceable, "SLOT&LOCK" dichroic glass gobos + open
- Prism: 3-facet prism rotating in both directions at different speeds
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobo effect
- Iris: Motorized iris for different beam diameters
- 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**

- Remote Control IR

# Gobos&Colours

## Rotating Gobo Wheel



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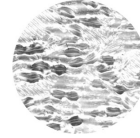
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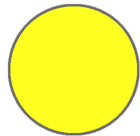
## Colour Wheel 1



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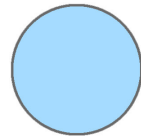
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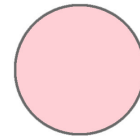
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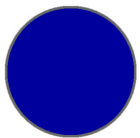
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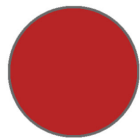
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## Colour Wheel 2



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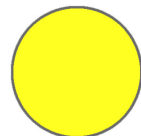
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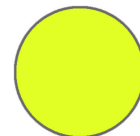
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## Static Gobo Wheel





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