ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

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ColorSpot 575 AT™

The ColorSpot 575 AT includes all the effects imaginable - two separate gobo wheels with the ″SLOT&LOCK″ system, two separate colour wheels (one 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 effect, remote focus and more. A new optical system and a new dichroic glass reflector increase the light output of the ColorSpot 575 AT. Completely new software enables very smooth rotations of gobos and prism, and 8- or 16-bit resolution for gobo indexing, prism indexing and dimmer. This product is the right solution for all types of installations from big clubs, large discotheques and venues to concerts and touring applications.

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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: Magnetic

Optical system

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

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″ 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 strobe effect, eletronic strobbing
- Iris: Motorized iris for different beam diameters
- Focus: Motorized focus
- Pan: 530°
- Tilt: 280°

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
- 3-editable programs, each up to 99 steps
- Stand-alone operation
- Master/Slave operation
- Display: 4-digit LED display
- 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
- Data in/out: Locking 3-pin XLR & 5-pin XLR

Static gobos

- Glass gobos - outside diameter: 26.9 mm, image diameter: 22.5 mm, aluminium, thickness: 0.5 mm

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: 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: 760 VA at 230 V/50 Hz

Mechanical specification

- Height: 574 mm (22.6 ") - head in horizontal position
- Width: 470 mm (18.5 ")
- Depth: 446 mm (17.6 ")
- Weight: EU model - 32 kg (70.5 lbs), US model - 36 kg (79.3 lbs)

Rigging

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

Optional accessories

- Frost module

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Gobos&Colours

Rotating Gobo Wheel


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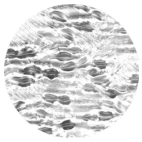
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Colour Wheel 1


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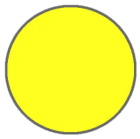
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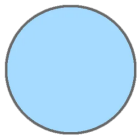
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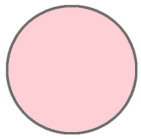
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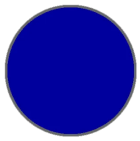
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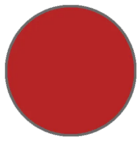
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Colour Wheel 2


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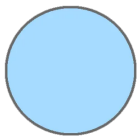
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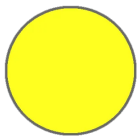
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Static Gobo Wheel

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