

# DigitalSpot 5000 DT



The highly versatile Robe DigitalSpot 500 DT offers two digital gobo layers with the selection of up to 244 x 255 video clips or images per layer. Two independent effects channels on each gobo layer offer 120 effects including kaleidoscope, squeeze in/out, alpha or black flash, Gaussian filter, Laplacian filter, gobo disc mirror and colour key effects, etc. There's also individual X and Y positioning and a scaling (zoom effect) for each gobo player, plus rotating and indexing with continuous rotation for each gobo layer and adjustable playback speed. Additional functions include digital keystoneing, a CMY colour mixing system, strobe effect, mechanical iris, zoom and focus, digital iris and digital framing shutters. Supported video formats include MPEG1 and MPEG2, image formats PNG, TGA, JPG and BMP. S-Video and VGA inputs for direct video input to data projectors are handy for performing presentations; S-Video and Composite live inputs enable the use of graphics engine effects. The fixtures is aimed at all professional entertainment and leisure applications including concert touring, theatre and television productions, presentations of all types, clubs, multi-purpose venues and anywhere where there is a need to maximize the integration between moving lights and digital imagery.

## ■ Electrical Specification

- Power supply: Voltage 100-120V AC or 200-240V AC, 50/60Hz;
- Power consumption: 800 VA

## ■ Projector lamp

- 320W UHP

## ■ Projector Specification

- Throw distance: 1.4m (4.6') - 14.7m (48.3')
- Aspect ratio: 4:3
- Panel resolution: 1024x768 dots

## ■ Video inputs

- Data projector: 1 x 15-Pin VGA, 1 x S-Video
- Graphic engine: 1 x S-Video, 1 x Composite

### DMX inputs/outputs

- 3-pin and 5-pin XLR connectors

### Other inputs

- 2 x USB 2.0 input
- RJ-45 input for Ethernet connection

### Mechanical Specification

- Height: 729 mm (28.70")
- Width: 581 mm (22.88")
- Depth: 540 mm (21.26")
- Weight: 45 kg (99.2 lbs)

### Thermal

- Operating ambient temperature range: 5 - 35°C

### Control and Programming

- 5" TFT LCD display & Robe navigation system (RNS)
- Operation system: Linux
- Pan movement range 530°
- Tilt movement range 280°
- Pan/Tilt movement resolution: 16-bit

### Hardware

- ASUS P5GL X motherboard
- 3 GHz Intel LGA775 Pentium 4 processor
- 1GB RAM
- Graphics card nVidia 6600 GT
- Capture card WinFast VC 100XP
- Hard disc Western Digital 80 GB

### Graphic engine

- Two digital gobo layers with selection up to 244x255 videos and images per layer
- Individual X and Y positioning and scaling for each gobo layer
- Rotating and indexing with continuous rotation for each gobo layer
- Gobo layer transparency for smooth gobo layer cross-fading
- 2 independent effect channels on each gobo layer with 120 effects
- Visual effects control for each gobo layer: Amount or speed
- Adjustable playback speed, In frame and Out frame parameters for video playback
- Common effects for both gobo layers: CMY control, strobe, KeyStones, zoom, focus, mechanical and digital iris, framing shutters positioning and rotating
- Supported image file types: BMP, JPG, TGA, PNG (image resolution is limited to 12024x768, if a picture is larger, it is automatically resized to 1024x768)
- Supported video files MPG 1, MPG 2 (video resolution is limited to PAL)
- 86 or 87 control channels

### Rigging

- Stands directly on the floor
- Mounts horizontally or vertically with 2 Omega brackets
- 4 truss orientation
- Safety chain/cord attachment point

