

# DigitalSpot 3500 DT™

ROBE's Digital Moving Light DigitalSpot 3500DT is an enhanced version of the very successful DigitalSpot 3000DT retaining all the best loved features of the original unit, together with a host of new ones.

**Light source**

DLP 230W lamp + 48 RGB LEDs

**Light output**

3200 ANSI lumens

**Zoom range**

Aspect ratio 4:3

**Effects**

digital gobo wheel, effect wheel, videos, in-air effects, live input



New LCD based 3200 ANSI lumen, 5000:1 contrast ratio equipped projector provides powerful output with possible 3D capabilities when combining several units together. Despite it's light weight and small footprint, the Digital Spot provides large hard drive storage space for digital content (images, movies, textures and effects), Composite video input via BNC connector and now also comes with the possibility for optional DVI / VGA or SDI / ASI grabbing cards. Special design includes remote DMX controlled power on / off, C1TP-MSEX protocol for preview of content thumbnails on DMX desks or enhanced network settings for remote access.

# Technical Specification

## Projector specification

- Model MX660
- Light output: 3200 ANSI lumens
- Lamp: 230 W
- Model MX660
- Light output: 3200 ANSI lumens
- Lamp: 230 W

## Electromechanical effects

- Motorized focus
- Mechanical shutter
- Motorized focus
- Mechanical shutter

## Control systems

- 5" TFT LCD display & Robe Navigation System
- Web access for total control of fixture
- Media Content Synchronization in web interface
- 5" TFT LCD display & Robe Navigation System
- Web access for total control of fixture
- Media Content Synchronization in web interface

## Hardware

- Motherboard: Gigabyte H55M-D2H
- Processor: Intel Core i3-540 BOX LGA1156
- Memory: 2GB DDR3-1600MHz
- Motherboard: Gigabyte H55M-D2H
- Processor: Intel Core i3-540 BOX LGA1156
- Memory: 2GB DDR3-1600MHz

## Operating system

- Linux OS
- Linux OS

## Graphic Engine

- 3 gobo layers for image and video control
- The graphic engine supports combined total of more than 60.000 original and user-created videos/gobos usable on all gobo layers
- Individual X and Y positioning and scaling for each gobo layer
- 3 gobo layers for image and video control
- The graphic engine supports combined total of more than 60.000 original and user-created videos/gobos usable on all gobo layers
- Individual X and Y positioning and scaling for each gobo layer

## Movement

- Pan movement range: 530°
- Tilt movement range: 280°
- 16 bit movement resolution
- Pan movement range: 530°
- Tilt movement range: 280°
- 16 bit movement resolution

## Integrated LEDWASH Module

- Light source: 48 Luxeon Rebel LEDs (RGBW)
- Optical system: 25° beam angle
- RGBW colour mixing
- Light source: 48 Luxeon Rebel LEDs (RGBW)
- Optical system: 25° beam angle
- RGBW colour mixing

## CITP/MSEX

- CITP/MSEX protocol makes it possible to browse a media server with thumbnail previews of content as well as effects and to preview output from a controller or visualizer.
- CITP/MSEX protocol makes it possible to browse a media server with thumbnail previews of content as well as effects and to preview output from a controller or visualizer.

## Connection

- DMX data in/out: Locking 3-pin and 5-pin XLR
- 2 x USB 2.0 connector (series A)
- ArtNet: RJ 45 (Neutrik Ethercon)
- DMX data in/out: Locking 3-pin and 5-pin XLR
- 2 x USB 2.0 connector (series A)

- ArtNet: RJ 45 (Neutrik Ethercon)

## Video inputs

- Data projector: 1 x S-Video (Mini Din 4-pin)
- 1 x Composite video (RCA)
- Graphic Engine: 1 x S-Video (Mini Din 4-pin)
- Data projector: 1 x S-Video (Mini Din 4-pin)
- 1 x Composite video (RCA)
- Graphic Engine: 1 x S-Video (Mini Din 4-pin)

## Thermal specification

- Operating ambient temperature range: 0-40 °C
- Maximum housing temperature: 60 °C
- Operating ambient temperature range: 0-40 °C
- Maximum housing temperature: 60 °C

## Electrical specification

- Auto-switching power supply
- Input voltage range: 100 - 120V/ 200 - 240 V AC, 50/60 Hz
- Max. Power Consumption @ 230V: 420 W/440V A (I=1.87A, power factor=0.94)
- Auto-switching power supply
- Input voltage range: 100 - 120V/ 200 - 240 V AC, 50/60 Hz
- Max. Power Consumption @ 230V: 420 W/440V A (I=1.87A, power factor=0.94)

## Mechanical specification

- Fixture dimensions (h x w x d): 614 x 533 x 431 mm (24.2" x 21.0" x 17.0")
- Weight: 28 kg (61.7 lbs)
- Fixture dimensions (h x w x d): 614 x 533 x 431 mm (24.2" x 21.0" x 17.0")
- Weight: 28 kg (61.7 lbs)

## Rigging

- Mounting points: 2 pairs of ¼-turn locks
- 2x Omega brackets with ¼-turn quick locks
- Safety chain/cord attachment point
- Mounting points: 2 pairs of ¼-turn locks
- 2x Omega brackets with ¼-turn quick locks
- Safety chain/cord attachment point