

# Pro55S3



## DCI Cinema Color Processing, Cinema Color, and Cinema Contrast

The **Pro55S3** is calibrated for **DCI Input** and is the only theater projector that supports the future proof DCI digital color standard used in professional theaters. The **Pro55S3** also incorporates **Cinema Color** and **Cinema Contrast** which are proprietary motion picture looks that produce brilliant colors, pleasing flesh tones and rich contrast appearance of a professional cinema. **Cinema Contrast** achieves a 5000:1 effective contrast ratio on every frame without the inter-frame artifacts and mechanical aperture changes of competitive home theater products. By providing **Extra Brightness** and multiple levels of **Cinema Contrast**, the **Pro55S3** also allows manual levels of room lighting.

## Color processing for all video standards; NTSC, PAL, HD, PC/Mac, Xbox

The **Pro55S3** includes support for all RGB and gamma video standards to accurately display content from any source.

## 7 color and grey scale factory calibration of every projector

Every **Pro55S3** will be calibrated for white point and RGB/CMY colors, and linearized for accurate D65 viewing and consistent color across all grey levels prior to shipment. Using the TI enhanced color mode, this calibration will correct for D65 white independently of the RGB colors to minimize the loss in brightness caused by only being able to adjust the RGB primaries.

### FEATURES:

7 color and grey scale calibration  
DCI cinema color processing  
Cinema color  
Cinema contrast  
Color processing for all video standards  
Power lens shift H/V  
5 Lens options  
3 year warranty

### SHIPS WITH:

Remote control  
Power cable  
User manual

## Entertainment Experience

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610-662-3249



### OPTICS:

#### BRIGHTNESS

5500 lumens (standard)

#### RESOLUTION

1280x720 (Native 720p)

#### UNIFORMITY

>85%

#### DISPLAY TYPE

3 Chip 720p DLP

#### SHARPNESS

Ideal sharpness,  
MTF 0.5@ 2 line-pairs

#### CONTRAST RATIO

5000:1 contrast ratio,  
cinema contrast

#### LAMP

300W (single lamp)

#### LAMP LIFE

1500 hours

#### ASPECT RATIO

16:9

#### PRISM SHUTTER

Included

#### PRISM/DMD Optics

Filtered air for dusty environment

#### ADJUSTMENTS

Remote only

#### PROJECTION LENS OPTIONS (5 available)

1.2-1.44, 1.44-1.8, 1.8-2.4,  
2.4-3.6, 3.6-5.6

#### PROJECTION LENS IMAGE OFFSETS

Vertical +50%, -80%/Horiz +/-30%

#### IMAGE THROW DISTANCE

12' - 90'

#### IMAGE WIDTH RANGE

8' - 25'



### ELECTRICAL SPECS:

#### I/O PANEL

DVI-D (HDCP)

#### PROJECTOR CONTROLS

9-Pin 2-way communication,  
Hard wired remote via RS232,  
IR Remote  
25 Pin parallel port—resides  
internal to  
cabinet

#### ZOOM/FOCUS/OFFSETS

DC motor control via IR remote

#### I/O POWER INPUT

IEC-320-C14 receptacle

#### SWITCHES

Hard power on/off, shutter

#### INDICATORS

LED Power & 8 LED status  
indicators

#### PROJECTION MODES

Front, rear

#### SYSTEM SOFTWARE

Upgradeable; Socketed 44 Pin

#### POWER SUPPLY

100-240V, 50-60Hz

#### BALLAST CONTROL

UART control synchro-  
nized

#### DMD INTERFACE

LVDS—3 channels/color  
(RGB format)

#### SAFETY

UL 60950-1, CB, CE,  
RoHS compatible

#### EMI

FCC Class A

#### VIDEO

DVI input which supports  
NTSC, PAL, HD, PC, Mac  
and Xbox: DCI Color and  
Cinema Contrast

#### HDTV / EDTV

720p, 48Hz, 50Hz, and  
60Hz Native(No scaling)

### SOFTWARE:

#### COLOR SUPPORT

Film look, variable contrast,  
DCI color

#### BASIC USER COMMAND LIST

Provided in the user manual

#### FAULT TOLERANT BALLAST CONTROL

Formatter reset; 5 min lamp  
OFF delay

#### SOFT POWER

Rear panel button (initiates  
lamp ON or OFF sequence)

#### SOFT IMAGE SHUTTER

Rear panel button  
(leaves lamp ON)

### MECHANICAL:

#### ENGINE WEIGHT

50 lbs / 22.7 kg

#### ENGINE (LxWxH)

21.5" x 16.9" x 8.8" (54.6 x 43 x  
22.2cm)

#### ENCLOSURE

Table or rack mounted

### RELIABILITY:

#### OPERATING TEMPERATURE

10°C to 35°C ambient

#### STORAGE

-20°C to 60°C, 90% RH

#### POWER CONSUMPTION

450w (Typical) / 2w (Standby)

#### WARRANTY

3 yr parts & labor 90-day lamp  
guarantee  
24/7 technical support

#### LAMP/AIR MODULE

User replaceable

#### ELECTRONICS

Modular replaceable