

# Pro80S3



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

The **Pro80S3** 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 **Pro80S3** 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 **Pro80S3** also allows manual levels of room lighting.

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

The **Pro80S3** 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 **Pro80S3** will be calibrated for white point and RGBCMY 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

### OPTICS:

#### BRIGHTNESS

8000 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 x 2 (dual lamp)

#### LAMP LIFE

1500 hours

#### ASPECT RATIO

16:9

### ELECTRICAL SPECS:

#### I/O PANEL

DVI-D (HDCP)

#### PROJECTOR CONTROLS

Hard wired remote via RS232, IR remote, 9-Pin, 2 way RS232 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

#### POWER SUPPLY

100-240V, 50-60Hz

#### 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

48Hz, 50Hz, and 60Hz  
720p 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

55 lbs / 25 kg

#### ENGINE (LxWxH)

25.2" x 19.1" x 8.8"  
(64.1 x 48.5 x 22.4cm)

### RELIABILITY:

#### OPERATING TEMPERATURE

10°C to 35°C ambient

#### STORAGE

-20°C to 60°C, 90% RH

#### POWER CONSUMPTION

770w (Max) (less than 2w in standby mode)

#### WARRANTY

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

#### LAMP MODULE/AIR FILTER

User replaceable

#### ELECTRONICS

Modular replaceable