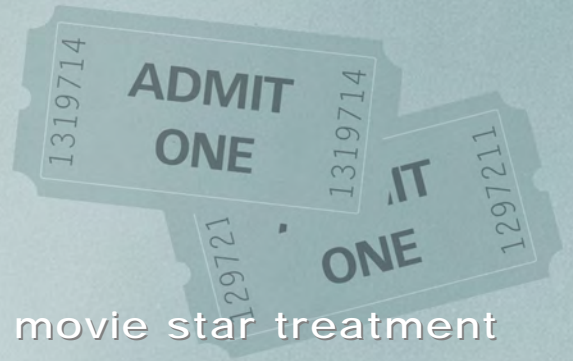


**SIM2 Pro Cinema Line**  
let us entertain you ...

# ProC3

Providing movie-goers with a true movie star treatment



## Key Features

- 3-chip HD2+ DarkChip3™ DMD technology by Texas Instruments
- 1280x720 pixel resolution
- High Brightness and high contrast ratio, no dynamic iris or shutter
- High light efficiency with custom optics and optimized lamps
- Customizable formats: CinemaScope (2.35:1), Academy Flat (1.85:1) & wide (1.78:1)
- Full Digital inputs: DVI via HDMI™ (HDMI-HDCP compatible)
- High Bit rate video processing (10 Bit per color)
- Choice of 3 zoom lenses, vertical shift.
- The smallest and lightest 3-Chip DLP® projector (<12 Kg.)
- New EasyCinema Software for accurate colorimetry calibration
- Metal cabinet and horizontal shift option (double projection)
- Easy access to lamp for replacement
- Greater freedom for colorist & director through: P7 Wide color gamut compatible with REC709



The ProC3 projector system has been designed to meet the requirements of emerging e-cinema applications.

Based on 3-chip DLP®-based light engine by SIM2, this projector delivers high brightness, remarkable black depth and contrast ratio, and image richness.

The ProC3 utilizes Texas Instruments' latest HD2+ DarkChip™3 (DC3), that embraces a series of refinements aimed at enhancing performance and delivers all the details available from today's high definition sources.

For ease of installation, the projector sports three, new particles-free, high quality glass lens options, namely T1 (optional lens with short throw ratio: 1,5-2:1), T2 (standard lens with long throw ratio: 2-3:1) and T3 (optional lens with long throw ratio 3,0-4,7:1), making it possible to project an immaculate image on a big screen up to 9 mt (29.52 ft).

This projector features a wide choice of inputs (including analog RGB, YprPb, CVBS, S-Video, HDMI™ and DVI-D via HDMI™).

Last but not the least, these units feature SIM2's Live Color Management and EasyCinema Software offering complete control over color temperature via user-defined adjustments corresponding to specific points on the CIE chart that defines color hue and saturation.

And, the ProC3 Gamma Correction (that determines the system's response to the gray scale) optimizes image-based variations in the source material and individual preferences.

The new SIM2 EASYCINEMA Software provides a perfect colorimetry calibration order to set performances at the highest possible level.



## Technical Specifications

### LIGHT ENGINE

DLP® Type: 3 Chip DMDs HD2+ DC3

Resolution: 1280x720 pixels

Lens: 3 interchangeable lenses with motorized zoom and focus adj.

Brightness: 4000 lm

Lamps power consumption and lifespan: 250W dimmable; (>2.000 hrs.\* average life time)

### INSTALLATION

Throw ratio: 2,0-3,0:1 (standard lens - type T2), 1,5-2,0:1 (type T1 – on request) or 3,0-4,7:1 (type T3 – on request).

Lens shift: half up picture = 50% total

Digital keystone adjustment

Picture size: up to 9 mt (29,5 ft) in Cinemascope format (2,35:1)

Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, pixel to pixel  
+ 3 custom-user adjustments

### ELECTRONICS

Horizontal & vertical scan freq.: 15-110kHz/48-100Hz

SDTV: PAL (B,G,H,I,M,N,60); SECAM; NTSC automatically selected

Video modes:

- Interlaced: 576i and 1080i @25Hz, 480i and 1080i @30Hz

- Progressive: 720p & 1080p @ 24/25/23,98/29,97 Hz; 576p, 720p & 1080p @50 Hz; 480p 720p & 1080p @ 60 Hz.

PC/Mac: from VGA to UXGA @ 65Hz

Video processor: built in, 10 bit

Video delay: max processing delay 4 frames

Contrast ratio (Full ON/ Full OFF): 4000:1

### INPUTS/OUTPUTS

1 x S-Video (mini DIN 4 pins)

1 x Composite Video (RCA)

1 x RGBS-YCrCb (4 RCA)

1 x RGBHV (D-Sub 15 pin)

2 x HDMI™-HDCP compliant

1 x USB connector

1 x RS232 (D-Sub 9 pin)

2 x 12 V 100 mA screen trigger (via jack)

1 x Input External IR sensor

### CERTIFICATIONS

Safety: in compliance with EN 60950/UL60950

Emission: in compliance with EN 55022

Immunity: in compliance with EN 55024

### SUPPLIED ACCESSORIES

Installation and User Manual; AC power cords (2m - 6,6 ft);

Backlit remote control and batteries;

EasyCinema software



\*) Lamp life: the hours quoted have been measured in a lab under strict test conditions. Lamp life varies depending on usage conditions and the surrounding environment. The measured lamp life cannot be guaranteed and is not protected by warranty. Digital Light Processing® and DLP® are registered trademarks of Texas Instruments. Due to constant product development, specifications and design might be subject to change without notice. Large Display Solutions - ProC3 Post-production Catalog WORLD - May 2008

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