

# SIM2 *Grand Cinema*<sup>TM</sup> HT380

## Exceptional home theater



### Key points

- **1080p 0.95" DLP® chipset**  
by Texas Instruments
- **1920 x 1080 pixel HDTV resolution**
- **Proprietary SIM2 Alphapath™ light engine**
- **Full BrilliantColor™ technology with primary and secondary colors segment colour wheel**
- **New Unishape technology**
- **Lamp: 160W**
- **Contrast ratio >5000:1**
- **1 HDMI™ HDCP inputs**
- **SIM2 Live Colors Management and Gamma Functions**

SIM2's Grand Cinema™ series is regarded as the pinnacle of technical excellence in home theater projector design. Each model offers class-leading performance, along with a design elegance typical of products with an Italian pedigree.

Grand Cinema™ HT380 is the latest addition to this legendary series; this compact Full HD model uses leading-edge technology in its design to create a projector with true high-end performance. Texas Instruments' next generation 0.95" 1080p DLP® (1920 x 1080 pixel resolution) chipset is integrated into SIM2's patented ALPHAPATH™ light engine and it is this partnership of precision optics and fine pixel detail that offers a level of picture clarity that is truly exceptional.

HT380 is yet another world's first for SIM2. It features two new technologies, namely: BrilliantColor™ and Unishape™ lamp technology. These two enhancements combine to improve HT380's picture performance by increasing its light output and contrast ratio, whilst offering a much wider color palette than conventional designs.

Designed to be the perfect partner for HDTV, Blu Ray and HD DVD, HT380 also enables even standard definition sources to be reproduced at 1080p resolution, thanks to its sophisticated on-board 10-bit video processing electronics. Compatible with all video and graphics standards (including 1080p@24Hz), HT380 offers a wide choice of both analog and digital source inputs, including HDCP compliant HDMI™.

The Grand Cinema™ HT380 projector is available in an elegant Gun Metal gloss finish cabinet.



# SIM2 Grand Cinema™ HT380

## Technical Specifications



### LIGHT ENGINE

Technology: 1 chip DMD 0.95" 1080p

Resolution: 1920 x 1080 pixels

Full BrilliantColor™ technology and new color wheel  
(with primary and secondary colors)

Lamp power & life time\*: 160W, 4000 hours\*

### INSTALLATION

Throw ratio: 1.5-2.0(standard); 2-2.8:1 (optional)

Lens shift: V +50% / -33%

Digital keystone adjustment: V+/-18°

Picture size (inches diagonal): 50-200

Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox,

panoramic, pixel to pixel, 3 custom-user adjustments

### ELECTRONICS

Horiz. & vertical scan frequency: 15-80kHz/48-100Hz;

24 Hz (1080p only)

Video and Graphic standards: PAL (B,G,H,I,M,N,60);

SECAM; NTSC 3,58; NTSC 4,43 automatically

selected; HDTV: ATSC (480p, 720p, 1080i, 1080p);

EU 576p + 1080i 50Hz + 1080@24Hz; PC graphic:

VGA, SVGA, XGA, SXGA, UXGA

Contrast ratio (Full ON/ Full OFF): >5000:1

Format Board and video processor: 10 Bit built in

Special video adjustments: Dynamic Noise Reduction,

Spatial Noise Reduction

Other special adjustments: Memories/Overscan, Live

Colors Management (LCM) and Gamma Functions;

Full BrilliantColor™ and Unishape™ technology

### INPUTS/OUTPUTS

1 x Composite Video (RCA)

1x S-Video (mini Din 4 pin)

1 x RGBS/YCrCb (4x RCA)

1 x RGBHV/YCrCb (1x D-Sub 15 pin)

1 x HDMI-HDCP compliant (vers. 1.3 with DeepColor)

1 x RS232 (D-Sub 9 pin)

2 x OUT 12V 100mA (via Jack)

### GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface

Mains voltage range: 100-240Vac ±10% (48/62Hz)

Weight: 5.8Kg (12.8 lbs )

Dimensions (WxHxD): 350x173x318 mm

(13.8"x6.8"x12.5")

### SUPPLIED ACCESSORIES

Installation and User Manual; AC power cords (EU, UK and USA) 2m (6.6 ft); Backlit remote control and batteries

The DLP® logo and DLP® medallion are trademarks of Texas Instruments.

(\*) Lamp life: the hours quoted have been measured in a lab under ideal test conditions. Lamp life varies depending on usage conditions and the surrounding environment. This is an average value that cannot be guaranteed and is not protected by warranty.

Due to constant product development, specifications and design might be subject to change without notice. HT380 March 2008

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