



SIM2 Grand Cinema HT



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Due to constant product development, specifications and design might be subject to change without notice. GRAND CINEIMA HT3000E leaflet - World - May 2007

HT3000E

Enjoy the power of FULL HD



SIM2 Grand Cinema™ HT3000E

Enjoy the power of FULL HD

SIM2 Grand Cinema HT

Key points

- **New 0,95" 1080p DLP® chipset by Texas Instruments**
- **1920 x 1080 pixel HDTV resolution**
- **Proprietary SIM2 Alphapath™ light engine**
- **Full BrilliantColor™ technology with new color wheel (with primary and secondary colors)**
- **New Unishape technology**
- **Lamp: 200W (dimmed)**
- **Contrast ratio >6500:1**
- **2 HDMI™ HDCP inputs**
- **NEW SIM2 Live Colors Management and Gamma Functions**
- **100% increase in brightness**

SIM2 Multimedia presents the latest addition to their award-winning Grand Cinema™ HT range: the all-new Grand Cinema HT3000E.

This premium single chip projector offers true, uncompressed 1920x1080 HDTV Resolution, thanks to a new 0,95" 1080p DLP® chipset from Texas Instruments.

Combining this new chipset with full 10 bit video processing and the precision optics in SIM2's ALPHAPATH™ light engine, the HT3000E is able to reach a new level of cinematic realism in single chip projection. This is achieved in typical SIM2 style through a balanced design ethos: a finely tuned system will always deliver the best results.

The Grand Cinema HT3000E utilizes true 10-bit video processing (with high-definition scaling and de-interlacing capabilities) to create the highest quality video images. 10-bits-per-channel processing produces 1024 shades of gray (or shades of a single color): the result is the ability to render over 1 billion colors on-screen.

New Unishape™ lamp technology is used in the HT3000E and coupled with BrilliantColor™, delivers a 100% increase in brightness (at D65), deeper blacks, a 60% reduction of digital

artefacts and a wider, more vivid color palette than its predecessor.

SIM2's new Live Color Management™ software enables complete control over the color temperature of the image, via user-defined adjustments (corresponding to specific white points on the CIE chart), that allows accurate greyscale tracking. The image can be further optimized by using one of the nine sets of gamma curves available, these can be used to correct for variations in the source material, or differing levels of ambient lighting, or simply to allow for individual viewing preferences.

The HT3000E has a wide range of both analogue and digital video inputs, including two HDCP enabled HDMI™ sockets, ensuring full compatibility with 1080p HDTV, plus the vast array of today's video sources.

Taking styling cues from the C3X series, The HT3000E sports an elegant Giorgio Revoldini designed cabinet in SIM2's signature Gunmetal finish.



Grand Cinema™ HT3000E: Technical Specifications

LIGHT ENGINE

Technology: 1 chip DMD 0,95" 1080p DarkChip3™
Resolution: 1920 x 1080 pixels
Full BrilliantColor™ technology and new color wheel (with primary and secondary colors)
Lamp power & life time*: 200W dimmed, 4000 hours*

INSTALLATION

Throw ratio: 1,5-2,0:1
Lens shift: V+/-6°
Digital keystone adjustment: V+/-18°
Picture size (inches diagonal): 50-300
Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, pixel to pixel + 3 custom-user adjustments

ELECTRONICS

Horizontal & vertical scan freq.: 15-80kHz/48-100Hz
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; PC graphic: VGA, SVGA, XGA, SXGA, UXGA
Contrast ratio (Full ON/ Full OFF): >6500:1
Format Board: 10 Bit
Video processor: built in
Special video adjustments: Dynamic Noise Reduction, Spatial Noise Reduction, Fleshtone Regulation
Other special adjustments: Memories/Overscan, NEW

Live Colors Management (LCM) and Gamma Functions
Full BrilliantColor™ technology
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 VGA)
2 x HDMI – HDCP compliant
1 x OUT Digital Audio (Toslink)
1 x RS232 (D-Sub 9 pin)
1 x Input External IR sensor
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: 11 Kg (24,2 lbs)
Dimensions (WxHxD): 435x195x431mm (17.1"x7.7"x17")

SUPPLIED ACCESSORIES

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



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(*) 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