PRELIMINARY LEAFLET

SIM2 *Grand Cinema*™ HT5000

3-chip 1080p home theater projector

Due to constant product development, specifications and design might be subject to change without notice. GRAND CINEMA HT5000 leaflet - World - September 2006

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SIM2 Multimedia is certified
UNI EN ISO 9001

SIM2 Grand Cinema™ HT5000

The ultimate in cinema 3-chip 1080p projection

Key points

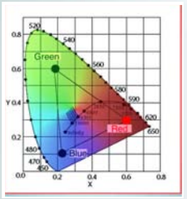
- *3 x 0,95" 1080p DLP® DarkChip3™ by Texas Instruments*
- *1920 x 1080 pixels HDTV resolution*
- *6 HDMI™ HDCP inputs*
- *Contrast ratio >5000:1*
- *Lamp: 300W*
- *Choice of 6 lenses[1]*
- *SIM2 Live Colors Management and Gamma Functions*
- *Intelligent memory functions*
- *New Dynamic Noise Reduction and Spatial Noise Reduction*

SIM2 has been involved in making high definition projectors since the introduction of the original analog HDMAC format called EUREKA 95 in 1990. The latest and pre-eminent HDTV format 1080p (1080 progressive lines) offers the highest quality images, but also places the greatest demands on a display device to deliver those images accurately.

A projector that can display all of the benefits of this very high definition format has to be very accomplished indeed…

…introducing the Grand Cinema HT5000 from SIM2 – the ultimate in cinema projection.

Three-chip DLP® is considered the pinnacle of digital projection and it is this technology which forms the basis of the HT5000. This cinema 'statement' product uses the very latest DLP® chipsets from Texas Instruments to create the last word in picture quality from HDTV sources. Three 0.95" DarkChip3™ DMDs are utilized in this design to produce a resolution of 1920 x 1080 pixels (1080p) and a superior contrast ratio of >5000:1, to produce crystal-clear, uncompressed HDTV images. The finest quality optics are used throughout the HT5000, these form an integral part of this precision display device and the results can clearly be seen on-screen. The list of high quality specifications continues: 10-bit video processing, Dynamic Noise Reduction, Spatial Noise reduction, all contribute to the truly outstanding picture performance from this flagship projector. SIM2's Live Color Management offers complete control over color temperature via 36 predefined adjustments corresponding to specific points on the CIE chart that defines color hue and saturation. And, the Gamma Correction curves optimize image-based variations in the source material, ambient lighting, and individual preferences.



The HT5000 provides connectivity for all video standards (both analog and digital) including six HDCP compliant HDMI™ inputs. Add to this, a total of six different lens options[1] and HT5000 will be eminently suitable for almost any high-end cinema and home cinema application.

PRELIMINARY Technical Specifications

LIGHT ENGINE

Technology: 3 chip DMD 0,95" 1080p DarkChip3™
Resolution: 1920 x 1080 pixels
Lens: High quality, high resolution optics with both motorized zoom and focus adjustments and motorized horizontal/vertical shift
Lamp power & life time*: 300W (dimmable to 250W), 1500 hours* normal mode or 2000 hours* eco mode

LENS OPTIONS

Lens Type L0: Throw ratio 0.67:1 (Fixed wide angle)
Lens Type L1: Throw ratio 1.12:1 (Fixed wide angle)
Lens type L2: Throw ratio 1.39 - 1.87:1
Lens type L3: Throw ratio 1.87 - 2.56:1
Lens type L4: Throw ratio 2.56 - 4.16:1
Lens type L5: Throw ratio 4.16 - 6.96:1

INSTALLATION

Lens shift: V+/-100%; H +/-64%
Digital keystone adjustment: V+/-22°
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): >5000:1
Format Board: 10 Bit
Video processor: built in
Special video adjustments: Dynamic Noise Reduction, Spatial Noise Reduction, Fleshtone Regulation
Other special adjustments: Memories/Overscan, Live Colors Management (LCM) and Gamma Functions

INPUTS/OUTPUTS

1 x Composite Video (RCA)
1 x S-Video (mini Din 4 pin)
1 x RGBS/YCrCb (4x RCA)
1 x RGBHV/YCrCb (5x BNC)
6 x HDMI – HDCP compliant (6x HDMI)
1 x OUT Digital Audio (Toslink)
1 x DVI (1x DVI-D)
1 x HD-SDI (1x BNC)
2 x VGA (DB15)
1 x RS232 (DB9)
1 x USB connector (USB)
1 x LAN (RJ45)
2 x OUT 12V 100mA (via Jack)

GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface, USB and LAN
Mains voltage range: 100-240Vac ±10% (48/62Hz)
Power consumption: approx. 400W
Weight: approx. 45 Kg (99.2 lbs)
Dimensions (WxHxD): 570x260x730mm (22.4"x10.24"x28.7")

SUPPLIED ACCESSORIES

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

(*) 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

(1) Lens type: complete choice of lenses available from 2007