SIM2 Grand Cinema HT

HT3000

1080p Preview

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SIM2 Multimedia is certified
UNI EN ISO 9001

Due to constant product development, specifications and design might be subject to change without notice. GRAND CINEMA HT3000 Preliminary leaflet - World - February 2006

SIM2 Grand Cinema™ HT3000

The new benchmark for future standards in single-chip front projection

SIM2 Multimedia presents the latest addition to: their award-winning Grand Cinema™ HT range: the all-new Grand Cinema HT3000. This premier 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, SIM2's ALPHA PATH™ light engine and Live Colours Management system, HT3000 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 fined tuned system will always deliver the best results.

HT3000 has a wide range of both analogue and digital video inputs, including two HDCP enabled HDMI™ sockets, ensuring compatibility with the vast array of today's video sources (including HD).

Taking styling cues from the C3X series, HT3000 sports an elegant Giorgio Revoldini designed cabinet in SiM2's signature Gunmetal finish.

Key points

- *New 0,95" 1080p DLP® chipset by Texas Instruments*
- *1920 x 1080 pixel HDTV resolution*
- *Proprietary SIM2 ALPHA PATH™ light engine*
- *New 7-segment color wheel (RGBRGB + NDF Neutral Density Filter)*
- *2 HDMI™ HDCP inputs*
- *Contrast ratio >5000:1*
- *Lamp: 200W dimmable*
- *SIM2 Live Colours Management and Gamma Functions*
- *Intelligent memory functions*
- *New Dynamic Noise Reduction and Spatial Noise Reduction*

Preliminary

Grand Cinema™ HT3000: Technical Characteristics

LIGHT ENGINE

Technology: 1 chip DMD 0,95" 1080p DarkChip3™
Resolution: 1920 x 1080 pixels
Colour Wheel: 7 segment (RGBRGB+NDF Neutral Density Filter)
Lamp power & life time*: 200W dimmable, 4000 hours*

INSTALLATION

Throw ratio: 1,5-2,0:1
Lens shift: V+/-6°
Digital keystone adjustment: V+/-18°; H+/-10°
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); 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 Colours Management (LCM) and Gamma Functions

INPUTS/OUTPUTS

1 x Composite Video (RCA)
1x S-Video (mini Din 4 pin)
1 x RGBS/YCrCb (4x RCA)
1 x RGBHV/YCrCb
2 x HDMI – HDCP compliant
1 x OUT Digital Audio via SPDIF connector
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

(*) Lamp life: the hours quoted have been calculated under strict test conditions. Misuse or improper use may alter it.