

SIM2 *Grand Cinema*TM HT305 E

Exceptional home theater



key points

- HD Ready
- Based on HD2+ DarkChip3TM DMD chip (1280x720 pixels)
- Contrast ratio >3500:1
- SIM2 proprietary Alpha PathTM sealed light engine
- Superior glass optics
- Long-throw ratio 1.8-2.4:1 lens
- Live Colors ManagementTM software
- Vertical lens shift (optical)
- Vertical and Horizontal digital keystone adjustment
- Future-proof digital input: HDMITM-HDCP compliant
- 150W lamp, 6000 hours lamp life (*)
- Built-in deinterlacer and video enhancement

SIM2's Grand CinemaTM series is the pinnacle of technical excellence in home theater projector design. Combining, as it does; a light engine with superior glass optics, the best processing electronics and a wealth of design experience gained in the home theater projector market, to create the truly exceptional products within this range.

The Grand CinemaTM HT305E builds on the performance of its illustrious award-winning predecessor: the HT300E, with improved image quality and increased light output, through the use of upgraded electronics and a more powerful 150W lamp.

The DarkChip3TM DLP[®] chipset from Texas Instruments is utilized in this HD ready projector, which, in partnership with SIM2's patented Alpha PathTM light engine, produces a contrast ration of >3500:1.

The many benefits of the DarkChip3TM – better contrast, finer pixel structure and improved motion - are fully exploited by the Grand CinemaTM HT305E, resulting in exceptional picture quality.

The Grand CinemaTM HT305E features a wide selection of inputs – Component Video, Video, S-Video, PC and HDMITM - and is compatible with all video and graphic standards including HDTV. HDMITM is a purely digital connection that transmits the uncompressed bitstream directly from the source through to the display, for a more accurate image.

The Grand CinemaTM HT305E projector is available in Gun Metal gloss cabinet finish.



SIM2 Grand Cinema™ HT305 E

Technical Specifications



LIGHT ENGINE

DLP® type: 1 chip DMD (HD2+ DarkChip3™)
 Resolution: 1280 x 720 pixels
 Lens: High quality, high resolution improved optics for higher contrast and black level with both motorized zoom and focus adj.
 Lamp power & life time*: 150W 6000 hours

INSTALLATION

Throw ratio: 1.8 - 2.4:1 (16:9 mode)
 Lens shift: V+/-8°
 Digital keystone adjustment: V+/-18°; H+/-10°
 Picture size (inches diagonal): 50-250
 Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, panoramic, pixel to pixel + 3 custom-user adjustments

ELECTRONICS

Horiz. & Vert. scan freq.: 15-80kHz - 48-100Hz
 Video standards (autom. selected): PAL B, G, H, I, M, N, 60; SECAM; NTSC 3,58 & 4,43
 HDTV ATSC standards and graphic resolutions: USA 480p, 720p, 1080i, 60Hz; EU 576p, 1080i 50Hz.; VGA, SVGA, XGA, SXGA, UXGA (60 - 85 Hz)
 On-board video processing
 Contrast ratio (Full ON/ Full OFF): >3500:1
 Special adjustments: noise reduction, overscan, Live Colors Management

INPUTS/OUTPUTS

1 x Composite Video (RCA)
 1 x S-Video (mini Din 4 pin)
 1 x RGBs/YCrCb (4x RCA)
 1 x RGBHV (D-Sub 15 pin)
 1 x RS232 (D-Sub 9 pin)
 1 x HDMI™-HDCP
 1 x OUT digital audio (Toslink)
 2 x OUT 12V 100mA on Jack connectors

GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface
 Power consumption & Mains voltage range: 200W max; 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 & USA) 6.6 ft (2m)
 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 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*



Due to constant product development, specifications and design might be subject to change without notice. HT305E, June 2006

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