SIM2 *Grand Cinema*™ HT305 E

Exceptional home theater

SIM2's Grand Cinema™ 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 Cinema™ 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.

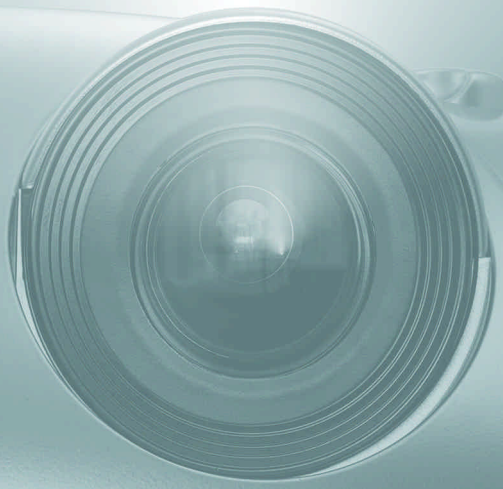
The DarkChip3™ DLP® chipset from Texas Instruments is utilized in this HD ready projector, which, in partnership with SIM2's patented Alpha Path™ light engine, produces a contrast ration of >3500:1.
The many benefits of the DarkChip3™ – better contrast, finer pixel structure and improved motion - are fully exploited by the Grand Cinema™ HT305E, resulting in exceptional picture quality.

The Grand Cinema™ HT305E features a wide selection of inputs – Component Video, Video, S-Video, PC and HDMI™ - and is compatible with all video and graphic standards including HDTV. HDMI™ 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 Cinema™ HT305E projector is available in Gun Metal gloss cabinet finish.

key points

- HD Ready
- Based on HD2+ DarkChip3™ DMD chip (1280x720 pixels)
- Contrast ratio >3500:1
- SIM2 proprietary Alpha Path™ sealed light engine
- Superior glass optics
- Long-throw ratio 1.8-2.4:1 lens
- Live Colors Management™ software
- Vertical lens shift (optical)
- Vertical and Horizontal digital keystone adjustment
- Future-proof digital input: HDMI™-HDCP compliant
- 150W lamp, 6000 hours lamp life (*)
- Built-in deinterlacer and video enhancement



SIM2 Multimedia

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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

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

(*) 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

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