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SIM2 Multimedia is certified



HT300 XTRA

SIM2 *Grand Cinema* **HT**



Due to constant product development, specifications and design might be subject to change without notice. Leaflet HT300 XTRA USA - August 2003

setting a new standard

In true SIM2 style, the Grand Cinema Line is synonymous with cutting-edge technology and the new HT300 XTRA is no exception! This latest addition, inspired by the HT300 LINK, has been created for a customer requiring the same outstanding quality recognized by the SIM2 HT300 LINK, but without the need for several of its additional features.

Modifications and improvements to the software and light engine, together with the introduction of the new Texas Instruments HD2+ chip gives the HT300 XTRA an "EXTRA" shine over its competitors, resulting in a contrast ratio of 2800:1 and a truly phenomenal image quality. The HT300 XTRA has also been equipped with a new, enhanced Color Wheel, resulting in a very high performance with an exceptionally low noise level. Add a backlit remote control to the mix for ease of use in the dark and you have a truly comfortable and enjoyable Home Cinema experience!

The HT300 XTRA benefits from the usual outstanding features of the superior SIM2 Grand Cinema Line: Inbuilt deinterlacer and video enhancement (DCDi™ by Faroudja); accurate color palette (reds, greens and blues are rich, saturated and vibrant "true" colors); a 6-segment color wheel and finally; a complete compatibility with all video sources, picture standards (PAL, NTSC, SECAM) and computer graphics up to 1600 x 1200 pixels resolution (compressed).



key points

- Proprietary optical engine design (sealed)
- Native 16:9 DMD chip (1280x720 pixels - HD2+ chip)
- DVI input
- True contrast ratio >2800:1
- New, silent 6-segment color wheel
- Built-in DCDi™ deinterlacer and video enhancement
- 8000 hours lamp life (*)

technical specifications

Light engine

- DLP™ Type: Proprietary sealed optical engine based on 1 DMD™ (HD2+ chip). Sealed housing
- Resolution: True 16:9 (1280 x 720 pixels)
- Lens: High quality, high resolution improved optics for higher contrast and better black level with both motorized zoom and focus adjustments
- Throw ratio: 1.8 – 2.4:1 (16:9 mode)
- Lamp power consumption & life time: 120W UHP; 8000 hours (*)

Installation

- Optical keystone adjustment: +/- 8° lens shift
- Digital keystone adjustment: +/-12° vertical, +/-19° horizontal
- Picture size: 50-300 inches diagonal
- Aspect ratio: 4:3, 16:9, Anamorphic, Letterbox, 3 custom-user (H&V) adjustments, panoramic and pixel-to-pixel

Electronics

- Horizontal & vertical scan freq.: 15-80 KHz / 48-100 Hz (max horizontal freq. corresponding to UXGA, 60 Hz)
- Video standards and graphic resolutions: PAL B,G, H, I, M, N, 60, SECAM, NTSC 3.58 & 4.43 automatically selected; HDTV ATSC (480p, 720p, 1080i) PC graphic standard up to UXGA (1600 x 1200 pixels).
- Deinterlacer & processing: On-board DCDi™ by Faroudja. 3:2 & 2:2 pull-down sequencing automatically detected
- Contrast ratio (full On / full Off): >2800:1
- Color temperature: 3 preset color temperatures + a RC user adjustment acting directly on each color (R, G, B)
- Special video adjustments: Luma-Chroma Delay adjustment by OSD

General Specifications

- Control software upgradable via RS232 serial interface
- Power Consumption: 180W

- Mains voltage range: 100-240 Vac, +/- 10% (48/62Hz)
- Weight: 12.8 lb (5.8 Kg)
- Cabinet dimension (WxHxD): 13.8" x 6.8" x 12.5" (350 x 173 x 318 mm)

Inputs/Outputs

- 1 x composite video via RCA connectors
- 1 x S-VHS via mini Din-4 pin
- 1 x RGB via DB15 HD connector
- 1 x RGBH/V YCrCbH/V via RCA connectors
- 1 x Remote Input Interface (RI2), EVC type, standard VESA
- 1 x RS232 on Dsub 9 pin connector
- 1 x DVI via DVI-D connector
- 1 x jack 12V power output, active when the projector is ON
- 1 x jack 12V power output, active when 16:9 format is selected (max 12V power output 100 mA)



Supplied Accessories

Backlit Remote control, AC power cords (EU, UK, and USA); length 6.5 ft (2 m); installation and user manual. Remote Input Interface (RI2) optional

Cabinet colors

Standard: Gun Metal; Optional: Shiny Silver, Royal Burgundy



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