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SIM2 Multimedia is certified



HT300 LINK

SIM2 *Grand Cinema* HT



optical freedom

The HT300 LINK is the latest and most innovative projector of the acclaimed and successful Grand Cinema HT line, featuring the revolutionary SIM2's DigiOptic™ Image Processor, the remote processor box equipped with a wide choice of inputs and linked to the projector through a thin fiber optic cable (3,5mm - 0,14" diameter). With this innovative feature of using an external input/image processing box connected via fiber optics to the projector, SIM2 has made installation and signal management an easy task. Video sources are typically located far away from the projector and it is becoming very difficult to run HD-compatible cables for long distances. With the HT300 LINK this issue no longer exists. Based on a Complementary Metal Oxide Semiconductor (CMOS) chip-set the optical link allows a fully digital source-to-display link, which is capable of transmitting data over a distance in excess of 1600 ft, with 3 high-speed lasers between the DigiOptic™ Image Processor and the projector for a loss-free and interference-free signal. Thanks to the new digital inputs on the DigiOptic™ Image Processor - HDMI™-HDCP and DVI (or 1394 Firewire as an alternative) - the HT300 LINK is a truly future-proof projector that allows complete digital connectivity to an increasing amount of video sources. The software and light engine have been further improved, enabling the HT300 LINK to deliver both an impressive and outstanding contrast. This improvement coupled with Texas Instruments new HD2+ chip, gives the HT300 LINK a contrast of 2800:1, resulting in a phenomenal image quality. Also, the HT300 LINK will have a brightness burst function which increases brightness up to 15% without loss in contrast or black level, as well as new OSD features (memory list, label entry, programmable RC, etc.).

key points

- The first and only with FIBER OPTIC connection
- External DigiOptic™ Image processor with 12 inputs
- Fiber optic cable link up to 1600 ft
- Proprietary optical engine design (sealed)
- Native 16:9 DMD chip (1280x720 pixels)
- Future-proof digital inputs (including HDMI™-HDCP)
- DVI or 1394 Firewire input
- True contrast ratio >2800:1
- New, silent 6-segment color wheel
- Built-in DCDi™ deinterlacer and video enhancement



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: +/-13° vertical, +/-10° 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; HTDT ATSC (480p, 720p, 1080i) PC graphic standard up to UXGA (1600 x 1200 pixels).
- Deinterlacer & processing: On-board DCDi™ by Faroudja. 3:2 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: noise reduction, fleshtone regulation, Y/C delay

General Specifications

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

- Mains voltage range: 120-240 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)

DigiOptic™ Image Processor: Inputs/Outputs

- 2 x composite video via RCA connectors
- 2 x S-VHS via mini Din-4 pin
- 1 x RGB via DB15 HD connector
- 3 x RGBH/V YCrCbH/V via RCA connectors
- 1 x RGBH/V YCrCbH/V via 5 BNC connectors
- 1 x RS232 on Dsub 9 pin connector
- 1 x HDMI™-HDCP
- 1 x optical S/PDIF audio output from HDMI™
- 1 x DVI via DVI-D connector
- 1 x 1394 Firewire (optional to DVI - AVC protocol compliant)
- 3 fiber optics links via RJ-45 type LC connectors
- 2 x jack 12V power output, active when the projector is ON



Supplied Accessories

DigiOptic™ Image Processor, fiber optic cable, backlit Remote control, AC power cords (EU, UK, and USA); length 6.5 ft (2 m); installation and user manual

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.

