

SIM2 *Grand Cinema*[™] HT3000 HOST

Modular, by Design



Key points

- Full HD 0.95" 1080p DLP®-based projector
- Proprietary SIM2 Alphapath[™] light engine
- Full BrilliantColor[™] technology
- New Unishape[™] technology
- High definition Optical Signal Transfer (H.O.S.T. by SIM2) up to 750ft (250m)
- Comprehensive choice of inputs, including 6 x HDMI (1.3 with DeepColor)
- Contrast ratio >6500:1
- SIM2 Live Colors Management and Gamma Functions

The Grand Cinema[™] HT3000 HOST, the latest addition to SIM2's award-winning Grand Cinema[™] HT range, takes a modular theme for its design, by dividing the projector into its two major constituent parts: the projector itself and the processing electronics. This design approach not only allows for one simple connection between the units, but also eliminates the detrimental signal losses suffered when using long cable runs from the source components in a home theatre system.

The HOST concept (High-definition Optical Signal Transfer) is the high-integrity fiber-optic connection method used between the projector and HOST video input processing unit. This simple single connection can be run to distances of up to 250m (750ft), whilst maintaining total signal integrity. The HOST module can be sited with the source components, keeping their cable lengths (and picture quality losses) to a minimum. The HOST module's on-board readout displays all vital system information at the touch of a button.

This premium 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 the precision optics in SIM2's ALPHAPATH[™] light engine, the HT3000 HOST is able to reach a new level of cinematic realism in single chip projection. New Unishape[™] lamp technology, coupled with BrilliantColor[™], delivers a 100% increase in brightness (at D65), deeper blacks, a reduction of digital artefacts and a wider, more vivid color palette than the previous HT3000 model.

The Grand Cinema HT3000 HOST utilizes full 10-bit video processing, with high-definition scaling and superior de-interlacing capabilities, to create the highest quality video images from all sources (including 1080p@24Hz). Add to this, the ability to connect up to six HDMI-equipped sources, along with a plethora of analog inputs and it is easy to see how powerful a proposition SIM2's HOST technology can be for both customer and installer alike.

Taking styling cues from the C3X series, HT3000 HOST sports an elegant Giorgio Revoldini designed cabinet in SIM2's signature Gunmetal finish.



SIM2 *Grand Cinema*™ HT3000 **HOST**

Technical Specifications

LIGHT ENGINE

Technology: 1 chip DMD 0.95" 1080p

Resolution: 1920 x 1080 pixels

Lamp power & average life time: 200W dimmable to 160W, 4000 hours*

INSTALLATION

Throw ratio: 1.5-2.0:1 (T1 lens standard); 2-2.8:1 (T2 lens optional)

Lens shift: V +50% / -33%

Digital keystone adjustment: V+/-18°

Picture size (inches diagonal): 50-250

Aspect ratio: 4:3, 16:9 Anamorphic, LetterBox, Panoramic, Pixel to Pixel + 3 custom-user adjustments

ELECTRONICS

Horiz. & vertical scan frequency: 15-80kHz/48-100Hz; 24 Hz (1080p only)

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);

EU 576p + 1080i 50Hz + 1080@24Hz; PC graphic: VGA, SVGA, XGA, SXGA,

UXGA

Contrast ratio (Full ON/ Full OFF): >6500:1

Format Board: 10 Bit

Special video adjustments: Dynamic Noise Reduction, Spatial Noise

Reduction

Other Special Adjustments: Memories/Overscan, Live Colors Management

(LCM) and Gamma Functions

Full BrilliantColor™ technology, Unishape™ technology

INPUTS/OUTPUTS on HOST

Digital: 1 x HD-SDI (BNC)

1 x DVI (DVI-D)

6 x HDMI-HDCP (HDMI) (vers. 1.3 with DeepColor)

Analog: 2 x Composite Video (RCA)

2 x S-Video (Mini DIN 4pin)

2 x Graphic RGBVH (VGA-UXGA) (D-sub 15 pin)

3 x Component - Analog YPbPr/RGBs/RGBHV (RCA)

1 x RGBHV progressive analog (BNC)

Control: 1 x RS232 (D-sub 9 pin)

1 x USB

1 x Ethernet (RJ45)

Miscellaneous: 3 x fiber optics link (LC)

2 x OUT 12V 100mA (via Jack)



H.O.S.T.
by SIM2

GENERAL SPECIFICATIONS

Software control: upgradable via RS232 serial interface or USB

Mains voltage range: 100-240Vac ±10% (48/62Hz)

HT3000 Weight/Dimensions (WxHxD): 11 Kg. (24.2 lbs); 435x195x431mm

(17.1"x7.7"x17")

HOST Weight/Dimensions (WxHxD): 5 Kg (11 lbs); 347x90x300 mm

(13.7"x3.6"x11.8")



(*) Lamp life: the hours quoted have been measured in a lab under ideal test conditions. Lamp life varies depending on usage conditions and the surrounding environment. This is an average value that cannot be guaranteed and is not protected by warranty. Due to constant product development, specifications and design might be subject to change without notice. HT3000 HOST, March 2008

Headquarters:
SIM2 MULTIMEDIA S.p.A.
Viale Lino Zanussi, 11
33170 Pordenone - Italy
Tel. +39.0434.383256
Telefax +39.0434.383260
E-mail: info@sim2.it

Germany:
SIM2 DEUTSCHLAND GmbH
ArndStr. 34-36
D-60325 Frankfurt Am Main
Tel. +49.163.5007462
Telefax 0800.9007462
E-mail: info@sim2.de

UK:
SIM2 UK LTD
Steinway House, Worth Farm
Little Horsted, Nr. Uckfield
East Sussex TN22 5TT
Tel. +44.(0)1825.750850
E-mail: info@sim2.co.uk

USA:
SIM2 USA INC.
10108 USA Today Way
Miramar, FL 33025
Tel. +1.954.442.2999
Telefax +1.954.442.2998
E-mail: sales@sim2usa.com

CHINA:
Shanghai Representative Office
Room 905, Jing'an Tower 1701,
Beijing Road West
200040, China
Tel: +86.21.62881991
E-mail: vsheng@sim2.com

