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Due to constant product development, specifications and design may change without notice. NERO Preliminary leaflet - August 2011



SIM2 NERO Line

Preliminary Leaflet



Power, precision, and innovation
SIM2 NERO Line

SIM2's NERO series is a projector line that has the power and precision required for the demanding criteria of today's specialist projection applications: precise and accurate color reproduction, deep black level, artifact-free motion and the ability to convey the extended depth of 3D images. In the NERO, SIM2's renowned product development team has created a projector line with the color accuracy and image clarity normally only associated with larger and more costly projectors, which is quite an achievement. That such a compact chassis can generate the image quality of these larger projectors is very impressive, that it also outperforms many of them, in terms of color rendition and contrast ratio, is quite exceptional. NERO has the perfect balance of power, precision and innovation. Partnering the latest DLP® chipset with SIM2's new ALPHAPATH™ light engine - with its precision glass optics - NERO produces images with excellent clarity and realism. The NERO line has a powerful 280W lamp, which delivers up to 3000 ANSI lumens on-screen and a contrast ratio of up to 30,000:1 (with DynamicBlack™ in 2D mode). The NERO line is designed for use in Reference Home Theaters, Media Rooms and Family/Games Rooms - in both 2D and 3D[®]. SIM2's engineers have designed four models that offer four different levels of performance and feature sets, that include (depending on model): 3D[®], high brightness, high contrast and 2.35:1 aspect ratio. Your SIM2 dealer will

help you choose the model that best suits your lifestyle. The NERO line has been endowed with three user modes, each optimized for the varying demands of sports and 3D viewing: PureMovie, PureMotion and PureMotion 3D (120 Hz). SIM2's NERO projectors utilize SIM2 active 3D technology, with advanced processing electronics to ensure that your 3D viewing is free from the flickering, ghosting and motion 'shudder' suffered by most 3D displays, to bring the real cinema 3D experience into your home. For ease of installation, a choice of three high quality glass lenses (T1, T2 & T3) is available for the NERO line, giving the projectors a total throw ratio of 1.37-3.9:1. And, to aid calibration, SIM2's Live Colors Calibration 2.0 software allows complete control over primary, secondary and white point color coordinates in both 2D and 3D, enabling calibration experts to accurately calibrate the final image on-screen via a user-friendly PC-based interface. Taking styling cues from the LUMIS series, the NERO line sports an elegant Giorgio Revoldini designed cabinet in a contemporary soft-touch black finish. Groundbreaking technology in a compact form factor, room-friendly and desirable, the NERO series has it all.

(*) A SIM2 3D emitter and glasses pack is required to initiate this feature (sold separately).

Preliminary specifications
The NERO projector line

NERO 3D-1

- 1-chip DarkChip™ Full HD (1080p)
- Patented ALPHAPATH™ compact Die-Cast light engine
- SIM2 active 3D technology
- PureMovie and PureMotion technology
- Contrast ratio: >10,000:1
- Brightness up to 2000 ANSI Lumens
- Comprehensive choice of inputs, including HDMI 1.4 with DeepColor
- Live Colors Calibration software 2.0 (BluRay + USB flash drive)
- SIM2 3D active glasses + emitter pack (optional)

NERO 3D-2

- 1-chip DarkChip4™ Full HD (1080p)
- Patented ALPHAPATH™ compact Die-Cast light engine
- SIM2 active 3D technology
- PureMovie and PureMotion technology
- SIM2 DynamicBlack Technology Enhanced Solution
- BrilliantColor™ technology
- Contrast ratio: >30,000:1 with Dynamic Black (in 2D mode)
- Brightness up to 2000 ANSI Lumens (2D mode)
- Motorized IRIS Control (MIC)
- Comprehensive choice of inputs, including HDMI 1.4 with DeepColor
- Live Colors Calibration software 2.0 (BluRay + USB flash drive)
- SIM2 3D active glasses + emitter pack (optional)

NERO 3D HB

- 1-chip DarkChip™ Full HD (1080p)
- Patented ALPHAPATH™ compact Die-Cast light engine
- SIM2 active 3D technology
- PureMovie and PureMotion technology
- SIM2 DynamicBlack Technology Enhanced Solution
- BrilliantColor™ technology
- Contrast ratio: >30,000:1 with Dynamic Black (in 2D mode)
- Brightness up to 3000 ANSI Lumens (2D mode)
- Motorized IRIS Control (MIC)
- Comprehensive choice of inputs, including HDMI 1.4 with DeepColor
- Live Colors Calibration software 2.0 (BluRay + USB flash drive)
- SIM2 3D active glasses + emitter pack (optional)

NERO 235

- 1-chip 0,9" DMD - WQXGA resolution 2560 x 1600 pixels
- Patented ALPHAPATH™ compact Die-Cast light engine
- PureMovie and PureMotion technology (2D only)
- BrilliantColor™ technology
- Contrast ratio: >10,000:1
- Brightness up to 2000 ANSI Lumens (2D mode)
- Motorized IRIS Control (MIC)
- Comprehensive choice of inputs, including HDMI 1.4a with DeepColor, DVI Dual Link, HD-SDI 3G Dual Link, and LAN
- SIM2 Enhanced Keystone with edge-blending, warping and spatial color correction
- PC graphics standards up to WQXGA and 2K
- Compression Noise Reduction
- Mosquito Noise Reduction
- Advanced Sharpness and Texture Detail Enhancement

