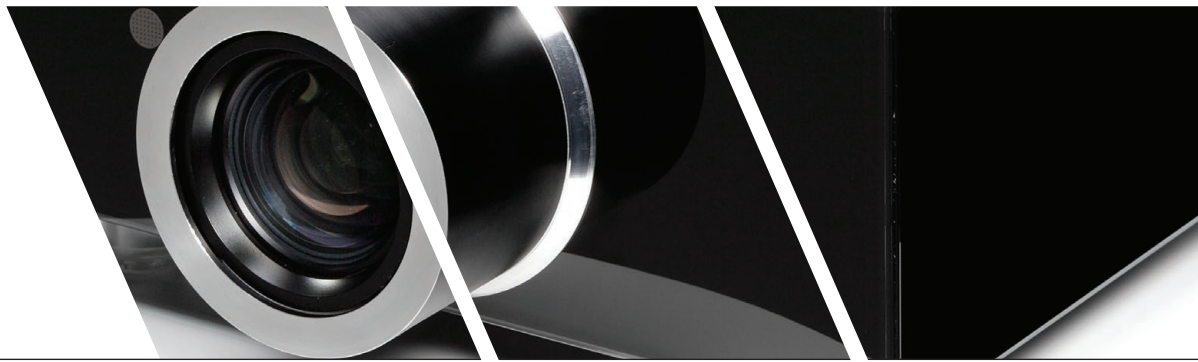


NERO Projector Models

Experience entertainment's best at home!





NEROModels/

Experience entertainment's best at home!

SIM2 has been standing proud in the home cinema landscape, with products recognized as the epitome of excellence and market reference standards. Over the years, SIM2 has developed a comprehensive selection of model - from the HT200, to the HT3000, to the latest NERO 3 projector - all sporting cutting-edge technology and Italian design to claim the ultimate coveted goal: the complete satisfaction of our customers.

Based on single-chip Full HD DLP® technology, SIM2's NEROs deliver different levels of performance and feature sets that include (depending on model) high brightness, high contrast, precise and accurate color reproduction, deep black level, artefact-free motion and the ability to convey the extended depth of 3D images.

Key Features

- High quality images from any and all video devices and in a variety of room lighting levels
- High performance 1-chip 1080p projectors
- Full 3D features and advanced processing electronics for flicker-free 3D viewing
- Bright, colorful images with high contrast ratio
- Comprehensive choice of inputs

⁽¹⁾A SIM2 3D emitter and glasses pack is required to initiate this feature (sold separately).



NERO 3D-1

Compact and Commanding

The NERO 3D-1 videoprojector is compatible with all of today's video sources, including 3D[™]. A **choice of three lenses** along with PureMovie, PureAction 2D and PureAction 3D user modes make NERO 3D-1 a very versatile projector. The NERO 3D-1 utilizes **DarkChip 1080p (1920 x 1080 pixel resolution)** and **SIM2's patented ALPHAPATH™ optical light engine** in its design; this combination of digital micro-mirror device and precision glass optics produces images of excellent clarity and color accuracy. A powerful **280W lamp** provides up to **1600 lumens** of light output and a native **contrast ratio of >10,000:1**.

Small home theater with controlled ambient light

NERO 3D-2

Power, precision and innovation

SIM2's NERO 3D-2 has the power and precision required for the demanding criteria of today's specialist projection applications: precise and accurate color reproduction, deep black level, artefact-free motion and the ability to convey the extended depth of 3D images. The **NERO 3D-2 adds DynamicBlack™** to an already impressive list of features found in the NERO 3D-1. This additional feature improves black level performance and **contrast ratio (up to 30,000:1 with Dynamic Black in 2D mode)**, making shadow detail and picture dynamics look even more realistic. SIM2's NERO 3D-2 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.

Medium home theater with controlled ambient light.

NERO 3 / NERO 3 ST

Excellence in LED technology

The glass exterior suggests the future, its technological center confirms it. NERO 3 is a lifestyle product designed for today's lifestyle. **LED is the source of illumination**, DLP the image technology. This combination ensures that images are bright, sharp and beautifully realistic. With a specification list that reads: **1,400 lumens** of light output (**the equivalent of 2,000 lumens on lamp-based projectors**), a 30,000:1 contrast ratio and a **color gamut 135% that of the NTSC TV standard**, this is an impressive projector. Connecting your favorite video sources is simple; thanks to the wide choice of inputs that includes two HDMI 1.4 sockets. Easily integrated into any interior design and delivering SIM2-quality picture performance, NERO 3 will enhance your home entertainment experience.

NERO 3 ST

Sharing the same platform and features of the NERO 3, the ST version is equipped with a specialist short-throw ratio lens. Available from December 2014.

Medium/large home theaters, media rooms and family/games room with moderate ambient light.

	NERO 3D-1	NERO 3D-2	NERO 3 / NERO 3 ST
DLP® Type: 1x Chip DMDs 1080p, 1920x1080 pixels resolution	●	●	●
SIM2's 3D ⁽¹⁾ active Technology (120 Hz):	●	●	● (144 Hz)
DynamicBlack Tecology:	not available	●	●
Light Source:	280W Lamp	280W Lamp	PureLED
Brightness (Lumens) ⁽¹⁾ :	up to 1,600 ANSI lumens	up to 2,000 ANSI lumens	up to 1,400 ⁽²⁾ lumens - the equivalent of 2,000 lumens on lamp-based projectors
Contrast ratio (Full ON/ Full OFF) :	>10.000:1	>30.000:1 w/ DynamicBlack (in 2D mode)	>30.000:1 w/ DynamicBlack (in 2D mode)
Lenses Throw ratio (with +/- 5% tollerance):	1.82-2.48:1 (type T2, +/-3%) 1.37-1.66:1 (type T1, +/-3%) 2.6-3.9:1 (type T3, +/-3%)	1.82-2.48:1 (type T2, +/-3%) 1.37-1.66:1 (type T1, +/-3%) 2.6-3.9:1 (type T3, +/-3%)	1.51-2.88:1 (+/- 5%) 1.23-1.5:1 (NERO 3 ST only - available Dec. 2014)
Optical shift:	Vertical +50%/-10% from screen center (based on image height)	Vertical +50%/-10% from screen center (based on image height)	Vertical +/-60% from screen center (based on image height); Horizontal +/-10%
Digital Keystone adjustment (Vertical/Horizontal):	●	●	●
INPUTS/OUTPUTS: 2x HDMI (v.1.4 with Deep Color) - 1x Composite Video - 1x Graphic RGBHV - 1x Component - YCbCr/RGBs - 1x RS-232 - 1x USB (B type) - 3D Sync Out	● + 3x 12V 100mA output	● + 3x 12V 100mA output	● + 1x USB (A type) + 2x 12V 100mA output
Projector weight:	11Kg. / 24.3 lbs	11Kg. / 24.3 lbs	12 Kg. / 26.5 lbs
Projector dimensions (WxHxD):	459x210x455 mm (18.1"x8.3"x17.9")	459x210x455 mm (18.1"x8.3"x17.9")	365x149x441 mm (14.4"x5.9"x17.4")
Cabinet finish:	Soft-touch, matte black	Soft-touch, matte black	Black and white Crystal Glass

⁽¹⁾ A SIM2 3D emitter and glasses pack is required to initiate this feature (sold separately).

⁽¹⁾ Lumen Specification: This is the typical projector brightness specification found in most sales literature. This measurement allows for direct comparison with other manufacturer's projectors. Measurements are taken in compliance with ANSI IT7.228-1997 specification.

⁽²⁾ Takes into account Helmholtz-Kohlrausch effect where brightness rises with color saturation. LED projectors produce richer and more saturated colors, thus appearing brighter than a lamp-based display with similar measured lumen specifications.

NERO.Line catalog, Oct. 2014 - Due to constant product development, specifications are subject to change without notice.