

m.Line

M.Line
The Power of LED technology



SIM²
Multimedia
We work for Excellence

M.LineModels/



Inspire Creativity!

The M. active 3D^(*) LED Full HD DLP-based Video Interior Design System is the result of years of intense research and passion offering a new concept, integrating entertainment with interior design. The concept is simple: inspire creativity and add vitality to the

home by painting with light and images. Whether it's personal photographs, art, mood lighting, or movies, this system delivers stunning visual pleasure, and ignites the senses.

Key Features

- World 1st Multipurpose and "Green" solid state projector line: lamp and color-wheel free
- High performance, long-lasting, and carefully chosen selection of components
- Long-life, high efficiency LEDs: 30,000 hours or years of silent uncompromised 2D/3D viewing
- High brightness
- Choice of 3 different models
- SIM2 SUPER PureLED™ Technology
- Advanced LED liquid cooling for long term reliability
- Ultra-fast ON/OFF, high speed commuting
- Ultra-wide color space
- Best colorimetry: digital cinema quality straight out of the box

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

^(**) 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.



M.120

The most affordable product
in the M. Series

The brand-new, LED entry-level **M.120 projector** has been specifically designed to **optimize components in order to offer a high quality product at a lower budget**, hence offering to a wider clientele the possibility of owning a projector of SIM2's M. series. The M.120 utilizes **0.95" DarkChip DLP® chipset** (the same used in commercial cinemas), **Super PureLED**, and active 3D⁽¹⁾ technology. The M.120 projector produces clear, bright and vibrant images, delivering **1,000⁽²⁾ lumens** light output (the equivalent of **1,500 lumens⁽²⁾ of lamp-based projectors**) and a full-on/Full-off **contrast ratio of 100,000:1** with DynamicBlack™ technology. The projector features color space specifications for a wide variety of applications, including AdobeRGB and CINEMA. Also, thanks to SIM2's unique design the projector delivers whisper-quiet operation. The M.120 is offered in crystal-glass surfaced black (BG).

Medium home theaters, media rooms and family/games room with moderate ambient light. Ideal for color-grading applications.

M.120 ST

Rear-projection home theater system

The **M.120 ST brings the advantages of SIM2's PureLED technology to rear-projection home theatre systems** or where a short throw ratio lens is needed. Sharing the same platform as the M.120, the M.120 ST is equipped with a **fixed, high quality 0.675:1 lens** that allows the projector to deliver images of up to 100" within a depth of less than 5 feet. The M.120S sports **0.95" DarkChip DLP® chipset**, Super PureLED, active 3D⁽¹⁾ technologies, **1,000⁽²⁾ lumens** light output (the equivalent of **1,500 lumens⁽²⁾ of lamp-based projectors**), and a contrast ratio of 100,000:1 with DynamicBlack™ technology. The extended color gamut of PureLED makes video sources look brighter and more colorful than conventional projectors, improving the viewing experience in the process.

Medium home theaters, media rooms and family/games room with moderate ambient light. Ideal rear-projection applications.

M.150S

Excellence in LED technology

The **brand-new M.150S projector** represents the culmination of over 2 years of research in the field of engineering, performance, and component selection. The LED top-of-the-line M.150S is a projector where **each component has been hand-selected for its excellence and reliability**, and fine-tuned to deliver unprecedented picture quality and performance. The M.150S utilizes **0.95" DarkChip DLP® chipset** (the same used in commercial cinemas), Super PureLED, active 3D⁽¹⁾ technologies and only the finest and carefully chosen selection of components. SUPER PureLED technology is a true all-digital system, with a trio of LEDs (red, green and blue) acting as both light and color source for the DLP® chipset. The M.150S projector produces images with amazing clarity and realism, delivering **1,200⁽²⁾ lumens** light output (the equivalent of **1,800 lumens⁽²⁾ of lamp-based projectors**) and a contrast ratio of 100,000:1 with DynamicBlack™ technology.

Medium/large home theaters, media rooms and family/games room with moderate ambient light. Ideal for color-grading applications.

	M.120	M.120 ST	M.150S
DLP® Type: 1x Chip DMDs 0,95" 1080p - Resolution: 1920x1080 pixels	●	●	●
Light Source: SIM2 Super PureLED	●	●	●
Brightness (Lumens) ⁽¹⁾ :	up to 1,000 ⁽²⁾ lumens - the equivalent of 1,500 lumens on lamp-based projectors	up to 1,000 ⁽²⁾ lumens - the equivalent of 1,500 lumens on lamp-based projectors	up to 1,200 ⁽²⁾ lumens - the equivalent of 1,800 lumens on lamp-based projectors
Hand-selected components	not available	not available	●
SIM2's 3D ⁽¹⁾ active Technology (120 Hz.)	●	●	●
SIM2's PureAction 2D/3D and SIM2's PureMovie 2D technologies	●	●	●
Contrast ratio (Full ON/ Full OFF) - with DynamicBlack (in 2D mode): >100.000:1	●	●	●
Lenses Throw ratio (with +/- 5% tolerance):	1.5-2.1:1 (type T1) 2.1-3.9:1 (type T2)	0.675:1	1.5-2.1:1 (type T1) 2.1-3.9:1 (type T2)
Motorized optical shift	Vertical +60%/-25%, Horizontal +/-8%	not available	Vertical +60%/-25%, Horizontal +/-8%
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	●	●	●
Projector weight: 28Kg. / 61.7 lbs	●	●	●
Projector dimensions (WxHxD): 420 x 202 x 532 mm (16.5" x 8" x 21")	●	●	●
PERFECT FIT feature (optional) - enables the projector to display 2.35/2.40:1 video material by resizing the image to fill the screen without the need of an additional anamorphic lens	●	not available	●

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

⁽²⁾ 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.

⁽³⁾ 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.

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