LASER FORCE SERIES
HIGH BRIGHTNESS LASER LIGHT PROJECTOR
The first Laser phosphor projector for Home Cinema

The most recent innovations in phosphor and laser light sources naturally led to this new revolution in display technologies by bringing a virtually unlimited lifetime light source to a projector.

The estimated lifetime is 20,000 hours, approximately 14 years at an average pace of 4 hours/day is a real benefit.

No more stress with replacing lamps and the logistic and operational costs that it does involve; a lampless operation means lower maintenance and no more filter to replace.

The most obvious benefit of solid state illumination is indeed its life time. But another benefit is that its brightness is more stable over the years than a regular bulb which immediately starts declining. Besides, a special function of the Laser Force projector automatically adjusts the calibration and brightness in order to keep it always the same.

Bright enough for XXL screens or living rooms

Because the Laser Phosphor is 10 times more efficient and more powerful than LED lights, the Laser Force reaches a stunning 5,000 to 5,400 ANSI Lumens output. This is powerful enough to fill screens of up to 550” diagonal, 12m wide and it still has more than the 48 cd/m2 illumination recommended by THX standards and this is obtainable with dimmable power from 405W down to 250W.

That makes the Laser Force the most efficient projector on the market (least 10 times brighter than any equivalent LED light projectors). On top of that, the solid state light source doesn’t need long period of cool-down/power-up time, so the start up and shut off periods are quicker.

Professional features and tools at home

The Laser Force is not only dedicated to Home Cinema, thanks to its pre-calibration sets to REC 709 and REC601, but also comes with Professional tools such as Edge Blending, Digital zoom Pincushion/barrel, light intensity control. The Cinemascope format can now be obtained using edge-blended projectors, realising effortlessly a 2.37:1 screen with two Laser Force projectors.

Additionally, whenever the surface is more complex, the optional Warp module for complex surfaces and domes can prove to be very handy. A 16:10 format version of the projector (WUXGA) is by the way also available for our professional customers.

The Laser Force projectors are fully controllable. Through the supplied infra-red remote control or from any automation system compatible with RS232.

Extreme Attention to Details

Every single unit is carefully checked and pre-calibrated individually. Each projector is tuned for a top performance and is operationally life tested in the Cineversum laboratory. Its unique characteristics are kept in a Manufacturing Identification File.

The finest measurement equipment is used during both the manufacturing and calibration/alignment process in the laboratory, in order to achieve the best possible projected picture out-of-the box and a long-term trouble-free operation.

But eventually, there is no robot that we trust more than the human being, and his delicate sensitiveness.

As Frederic Laurenti - chief calibrator for more than 20 years - said: «in the end of the production process, I always submit the projector to the most accurate testing, the ultimate judge, something that no instrument or computer could challenge, my human eye...»
Custom Integration

| Installation Versatility |
A vast choice of Pro Grade Lenses (Clip and Go installation, no tool required), including a short throw and an ultra-long throw, will help fit the Laser Force projector in almost any room.

The vertical and horizontal lens shift capability can address most challenging configurations. In the worst case, with the keystone correction, it is a child’s play to adjust the projector for the most razor-sharp picture.

| Projector Lift |
It is sometimes necessary, in a living room or a bedroom for example, to hide the projector away when it’s not in use.

Cineversum has designed a motorized lift that goes between the ceiling and the false ceiling, where the lift, the projector and the cables will be removed from sight, thus granting the best aesthetic and practical solution.

Tailor-made for the Laser Force Series and their dedicated options this lift can also accommodate most large and heavy video projectors up to 25 Kg of weight.

The two different models are supplied with an extremely silent motor that allows a descent from a minimum of 14.5 cm (or 23 cm) to a maximum of 96 cm (or 196 cm).
Photo by courtesy of B.G. Systems, South Africa
The Screen is a key element of a Home Theatre
There is no good projection experience without a perfectly selected projection screen. A wrong choice of screen can indeed ruin all your efforts and investments with the projection system.

Made in Europe, with aesthetic design, the Cineversum Screens are the perfect companion for the Cineversum projectors. All the materials which we use are quality-controlled for a comfortable use and a long-lasting existence.

Cineversum proposes a rich line of models to suit your needs. The classical frame screen which recreates the atmosphere of a commercial theatre, the retractable motorized screen which will remain discrete in your interior and the multi-formats screens for an optimal adequation between your screen and your displayed picture.

Cineversum Motorized Screen
- The discreet screen par excellence which can hide away in a classy white case or into the ceiling when not in use
- Perfect for living-rooms, bedrooms and multi-media rooms
- Can be remote controlled
- Available in 16:9 picture format with optional tab-tensioning cables for a curl-free performance
- Various sizes and screen materials available

Cineversum Theatre Screen
- The ideal companion of the Cineversum Cine-Twist kit
- Native 2.35:1 aspect ratio
- Optional electric side maskings to convert the screen from one aspect ratio to another
- The black borders increase the eye-perception of contrast and sharpness

Cineversum Frame Screen
- The classical on-wall fixed screen
- Elegant velvet-covered aluminum frame (absorbs overscan and increase the perceived contrast ratio)
- Easy to mount and perfect for dedicated home cinema rooms
- Available in various picture formats (4:3, 16:9 and cinemascope) and various sizes
- Various kinds of screen materials available (including acoustically transparent)

Cineversum offers a wide choice of screen material:
- The “Classique” neutral gain white cloth, the Grey high-contrast cloth, the Micro-Perforated acoustically transparent cloth, the rear-projection cloth and the “Passive 5d” polarized clothes.

Every home cinema room is unique, due to ambient light conditions, screen size, throwing distance, projector model. But we have the screen for you and our Cineversum Authorized Dealers and Installers can help you make the best choice.
Photo by courtesy of Ong Radio, Singapore
The Master, a powerful all-in-one multimedia server

Have you ever dreamt of removing all these shelves buried under CD and DVD cases from your living-room? Basically, that’s what the Master does. And in fact, it does a lot more.

Put simply, this server is the ideal solution for people who want to replace a big disk physical collection with a single and relatively small box. Practically, it works in a very simple way and does not require a ton of cables, the Master being in itself a storage device, a network server and a video player, all in the same time.

As a result, the Master server is ideal for a home-cinema room. However, it is not limited to only one room. Very easily, the system can be expanded with additional Players in each room where the customer wants to play his music or his movies which have been stored on the Master.

A user-friendly interface

Very simply, the user can navigate his movie database on his TV or projection screen through a sleek and neat interface. The server library contains all his DVDs and Blu-Ray discs that have been copied onto it.

When selecting a video, a new page displaying all the information and artwork regarding this video will appear: cover, synopsis, directors, casting, languages, year, format etc. At this point, the user can either start playing the video or go back to the library.

Even better, thanks to the application for tablets and smartphones (iPad, iPhone and Android devices) the client can explore his movie library, filter it by title, genre, year of release and so on, or just do a manual research, all this in a very natural and intuitive way.

Stand-alone device or multiroom installation

The Master can be the sole element of the system, that is to say that there is no additional Player. The display (TV or projector) and audio device are connected directly to the Master. Of course, an internet connection is required for the automatic scraping.

Or you can connect an infinity of Players to the Master via the 1Gb local network (Ethernet) but, small constraint, the Master can provide flawless HD video streams “only” to a maximum of 12 Players in the same time. The entire music and movie library is centralized in a single place, the Master, with a strong data protection thanks to the integrated RAID 5, making the management and the distribution of the library a child’s play. This is what the professionals call “Multiroom”.

Photo by courtesy of Couach Yachts
Photo by courtesy of AV Systems, Ukraine
| A dedicated Cineversum Network |

The Cineversum projectors are turn-key products. Nevertheless, in order to achieve the best possible performance and configuration, a precise installation and calibration by an experienced dealer or installer is recommended. Cineversum only supplies its projection and video equipment through a limited network of carefully selected and highly skilled dealers all over the world.

These «Cineversum Authorized Dealers/Installers» are trained to calibrate all the video components within the complete Home Cinema installation to give you a true video reference result that only a Cineversum projector is capable of delivering.

Dealers or custom installers carrying the Cineversum authorized labels have proven their capability and experience over a long partnership with Cineversum.

This statement is the guarantee that your video-projector, projection screen, audio equipment, connectic and control-room systems will be perfectly professionally installed and optimally tuned. A tailor-made approach that will respect your budget and interior design.

Cineversum rules the Universum! In Rio, Shanghai, Tokyo, Milan, Lahore, London, Los Angeles, Antwerp, Sydney, Geneva, Cape Town, Singapore, Tehran, Madrid, Lisbon, New York or Moscow, there are Cineversum show-rooms and partners all around the World.

Check www.cineversum.com to find out yours or contact us at info@cineversum.com.
<table>
<thead>
<tr>
<th>Model Version</th>
<th>Laser Force</th>
<th>Laser Force PRO</th>
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</thead>
<tbody>
<tr>
<td>P/N</td>
<td>R9201510</td>
<td>R9201511</td>
</tr>
<tr>
<td>Display resolution</td>
<td>Full-HD 1920x1080 Resolution</td>
<td>WUXGA 1920x1200 Resolution</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
<td>16:10</td>
</tr>
<tr>
<td>Panel Technology</td>
<td>Single chip 0.65&quot; DMD</td>
<td>Single chip 0.67&quot; DMD</td>
</tr>
<tr>
<td>Illumination</td>
<td>Brightness</td>
<td>5,000 ANSI Lumens [typical]</td>
</tr>
<tr>
<td></td>
<td>Type</td>
<td>Solide state (Laser phosphor)</td>
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<tr>
<td></td>
<td>Estimated Life</td>
<td>20,000 hours</td>
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<tr>
<td>Native/Dynamic Contrast Ratio</td>
<td>1,200:1</td>
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<tr>
<td>Noise Level</td>
<td>38 dB(A) standard / 34 dB(A) in Eco Mode</td>
<td></td>
</tr>
<tr>
<td>Inputs</td>
<td>1x HDMI, 1x DVI-D, 1x Display Port, 1x Sub-D15, 1x Composite Video (RCA) 1x S-Video (mini DIN), 1x Component (3 RCA), 1x HD Base T 1x USB (Type B mini) - display over USB, 1x USB (Type A) - image viewer or WiFi dongle</td>
<td></td>
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<tr>
<td>Output</td>
<td>1x Sub-D15</td>
<td></td>
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<tr>
<td>Video-Processing</td>
<td>Edge Blending, Keystone Correction, Pincushion/Barrel Correction, Accurate Color™, RealBlack™, Smart Light Management (SLM™), Constant Light Intensity control, Optional Warp Module for complex surface and domes, Advanced Eco Mode</td>
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<tr>
<td>Home Automation Control</td>
<td>1x RS-232 in 1x RJ-45 web interface (10/100 Mbps) 1x Wired Remote control (require 3.5mm stereo cable)</td>
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<tr>
<td>Lenses</td>
<td>Mount Type</td>
<td>Tool-free Insertion System Boresight Adjustments</td>
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<tr>
<td></td>
<td>Optical Shift</td>
<td>Motorized (±60% vertically ±15% horizontally) Motorized (±50% vertically ±15% horizontally)</td>
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<tr>
<td></td>
<td>Zoom and Focus</td>
<td>Motorized Zoom and Focus</td>
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<td>OPTIONS</td>
<td>Available Lenses</td>
<td>0.95-1.22:1 (P/N LS095122) 1.22-1.53:1 (P/N LS122153) 1.52-2.92:1 (P/N LS152292) 2.90-5.50:1 (P/N LS290550)</td>
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<tr>
<td>Ceiling Mount</td>
<td>Fixed Mount M9201501 - Motorized 1m Lift (P/N M9201400) - Motorized 2m Lift (P/N M9201404)</td>
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<tr>
<td>WiFi dongle for video</td>
<td>R9800110</td>
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<tr>
<td>Warp Module</td>
<td>R9800111</td>
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<tr>
<td>Power and Consumption</td>
<td>100-240 VAC @ 50/60 Hz [6A max] 520W max / 340W in Eco Mode</td>
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<tr>
<td>Dimensions (LxWxH)</td>
<td>560 x 540 x 240 mm (22.0 x 21.3 x 9.5 inches)</td>
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<tr>
<td>Net Weight</td>
<td>17.5 Kg (38.6 lbs)</td>
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