

OVERVIEW

# PRO-AV

[digitalprojection.com](https://digitalprojection.com)

# AT THE **FOREFRONT**

From classrooms to conference spaces, seminar rooms to studios, Digital Projection technology has been at the heart of the pro-AV industry since 1996. A digital imaging pioneer, we've been at the forefront of driving innovation in display technologies for three decades, developing cutting-edge, award-winning projection solutions for pro-AV venues of all sizes and budgets, including offices, convention centres, broadcast studios and higher education institutions.



1 CarpeDiem Evènement, France

# ULTIMATE IN COLOUR

High-end, DLP projection technology is the logical choice for pro-AV venues where accurate colour fidelity, a compact, unobtrusive equipment footprint, and high-brightness, high-resolution imaging are at a premium. Compared to LED or LCD screens, Digital Projection projectors offer the ultimate in colour reproduction and image quality while blending into their environment, giving users the space to study, learn and unleash their creativity, free from technological distractions.

DLP projection also has proven benefits for users' optical health, reducing eye strain compared to flat panels (due to softened white and blue light) – while the high fill factor of DLP images provides the necessary visual acuity in applications where the viewer is required to be close to the screen.



## NEVER SEEN NOR HEARD

The unique modular design of Digital Projection's Satellite MLS separates the light source from the projector head, making it ideal for locations – such as lecture theatres, boardrooms and broadcast sets – where bulky, obtrusive AV set-ups are a non-starter.

Additionally, because the light source can be housed up to 100m away (in an AV or server room, for example), only a small, unassuming projector head is needed at the projection location, virtually eliminating noise and heat. Unlike rival products, Digital Projection's patented solutions gift pro-AV venues the sound of silence – letting your lecture, presentation or TV/film project speak for itself.

Laser Light Source

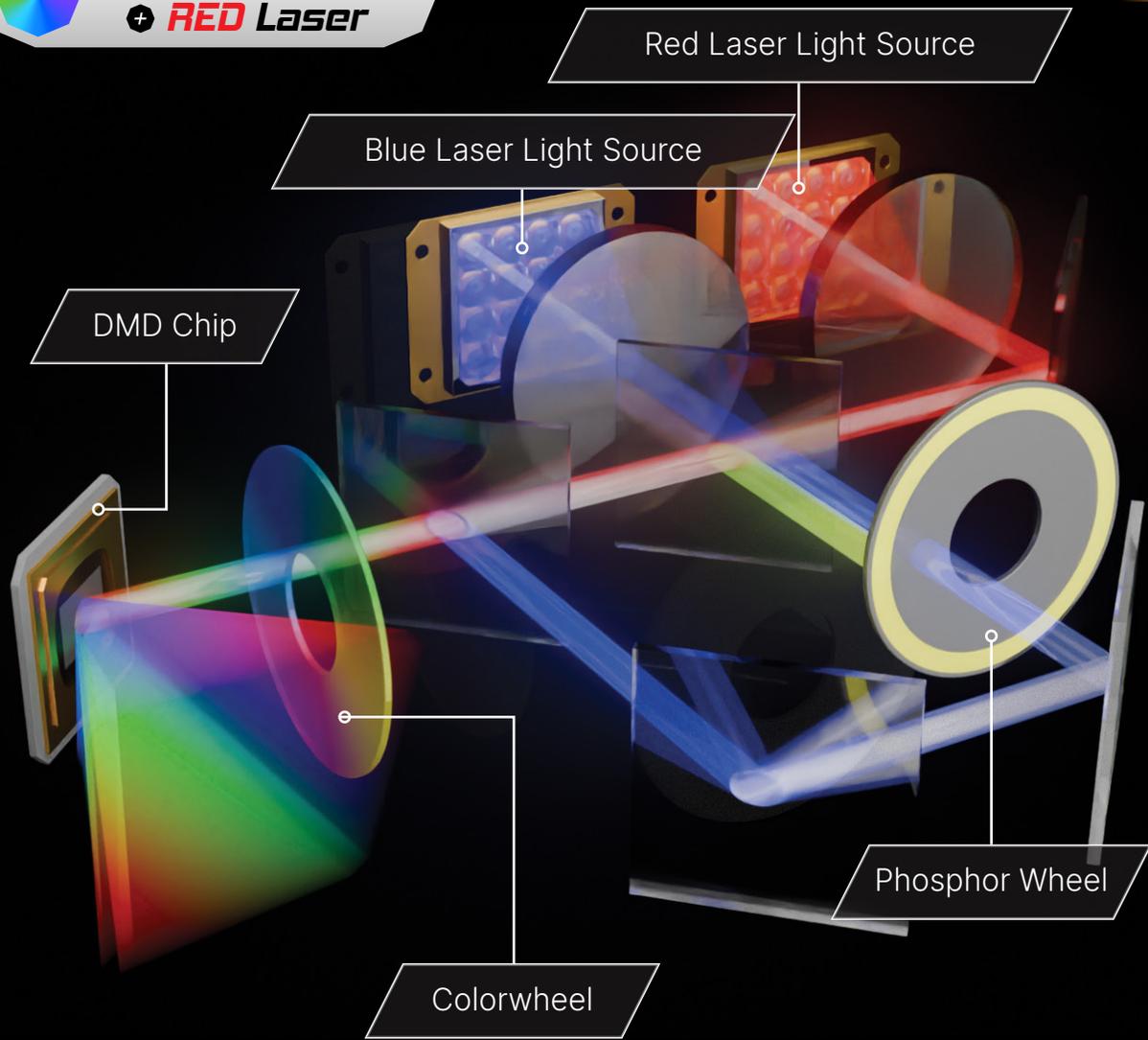


Projector Head



Optical Cable





# DREAM OF COLOUR

With its groundbreaking Satellite MLS projection system, Digital Projection makes high-end RGB laser illumination – which offers the widest colour gamut, most consistent illumination and lowest maintenance requirements of any projection technology – accessible at a cost-effective price point for the first time.

For installations with more limited budgets, the company also offers its high-performance, high-brightness 3-chip and 1-Chip DLP projectors at a variety of price points.

With ColorBoost+Red Laser across much of the 1-Chip DLP range, intelligent processing brings the colour performance ever closer to that of a 3-Chip DLP projector. The use of the red lasers, along with a specially designed colour wheel enable projectors with this technology to produce more vivid, saturated and life-like images than was previously possible on 1-Chip DLP projectors.

When ColorBoost+Red Laser is coupled with our new HEP DMD range such as the E-vision 16000i, the resulting colour gamut guarantees the projector will far exceed the REC709 standard with a contrast ratio previously unachievable on a 1-Chip projector.

# Nexus

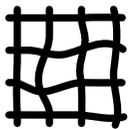
View our Nexus Line-up

Digital Projection's next-generation electronics platform, Nexus, is designed to deliver the most advanced image processing to all Digital Projection products, from the flagship 3-Chip DLP TITAN Laser 47000 projector to the budget-friendly 1-Chip E-Vision 8000i.

Nexus offers users enhanced, multi-functional image processing technology, with de-interlacing, scaling, warping and edge blending all combined in a single chip. This means that all signal processing is undertaken in one location, minimising delays which introduce latency.

Nexus additionally boasts support for HDR (SMPTE ST2084(PQ) and HLG) and Art-Net, 10-bit colour processing (30 bits per pixel), and onboard image quality control with full-gamma colour management. Also key is its ability to accept dual input signals up to 4K-UHD; these are independently processed, meaning they can accept the most advanced signals in a chain.

## Features



Warping



De-interlacing



Scaling



Edge-blending



## BY YOUR **SIDE**

With more than 30 years' industry experience, Digital Projection and its multi-disciplined team has unmatched insight into the needs of our customers.

When trusting the co-inventor, with Texas Instruments, of DLP (Digital Light Processing) technology, you're also trusting the company who brought the world's first 3-chip DLP projector to the market in 1997. As a digital imaging pioneer, Digital Projection's groundbreaking projection R&D has garnered the admiration of industry professionals, including the Academy of Television Arts & Sciences, which awarded the company not one but two Emmy Awards for Outstanding Achievement in Engineering Development – the first and only projector manufacturer to win the highest industry distinction.





## WHERE YOU NEED US

With offices across Europe, North America, Asia, the Middle East and Australasia and dedicated in-country account managers, Digital Projection offers industry leading international service and support, both pre- and post-sales. Its expertise and dedication to customer service has been recognised with countless accolades, including awards from Sound & Video Contractor, AV Technology, Systems Contractor News, Commercial Integrator and the Academy of Television Arts & Sciences (the Emmys).

**i** vue de l'exposition Pompéi 6  
scénographie sylvain Roca  
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## GREEN CREDENTIALS

Everyone must look at being more sustainable, not just integrators who purchase and install equipment, but we the manufacturers have a responsibility to provide our customers with sustainable products.

Digital Projection is in the fortunate position that it is a brand of Delta Electronics, a global technology leader with 2023 revenues US\$12.891 billion, whose mission is "To provide innovative, clean, and energy-efficient solutions for a better tomorrow."

This means that all the projectors on the market today are designed and built with that mission at the core, ensuring that integrators and end users are getting the most sustainable projectors possible.

As for cost, it doesn't always have to cost more to bring sustainable products to the market. By localising supply chains, consolidating shipping and reducing power consumption, the TCO can often be lower than traditional, power-hungry projectors.

# MASSIVE LEAP

NEW

E-Vision 10000i



VS



E-Vision 10K Laser

⚡ 52%



583W VS 1215W

MEANS

Longer Lifespan

Less energy

Less Heat

AV is generally a power-hungry industry, and everyone involved is acutely aware of this. There is a trend in the projection industry to seek out more lumens per watt, ensuring that the projector bought today is far more

efficient than what has gone before. This is a fast-moving change too. If you look at our typical 10,000 lumen projector released only 3 years ago, it consumed **1215W** in normal mode, but the market, and our sustainability

mission means that the comparable brightness projector today only consumes **583W** – more than halving the consumption for the same performance. This will continue to develop.

# OUR LINEUP



## Single Chip

With powerful, versatile and budget-conscious options up to 16,000 in the E-Vision range and 27,000 in the M-Vision range, these are some of our most popular and reliable workhorses.

- Up to 27,000 lumens
- ColorBoost+Red Laser on selected models
- IP6x Sealed Optics
- WUXGA & 4K-UHD options



## Titan 3-Chip

Our state-of-the-art flagship TITAN laser projector builds on its legacy of innovation with this exceptional new model.

- Up to 47,000 Lumens (WUXGA)
- Up to 41,000 Lumens (4K-UHD)
- IP6x Sealed Optics
- 18,000:1 Contrast



## Satelite

Satellite Modular Laser System (MLS) offers a small number of simple building blocks that allow you to address a wide range of applications

- Small, quiet, compact projection heads
- 10, 20 and 30,000 remote modular light Sources
- WUXGA, 4K-UHD, 4K, 8K & MultiView versions
- Up to 40,000 lumens



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