

Home entertainment **displays**



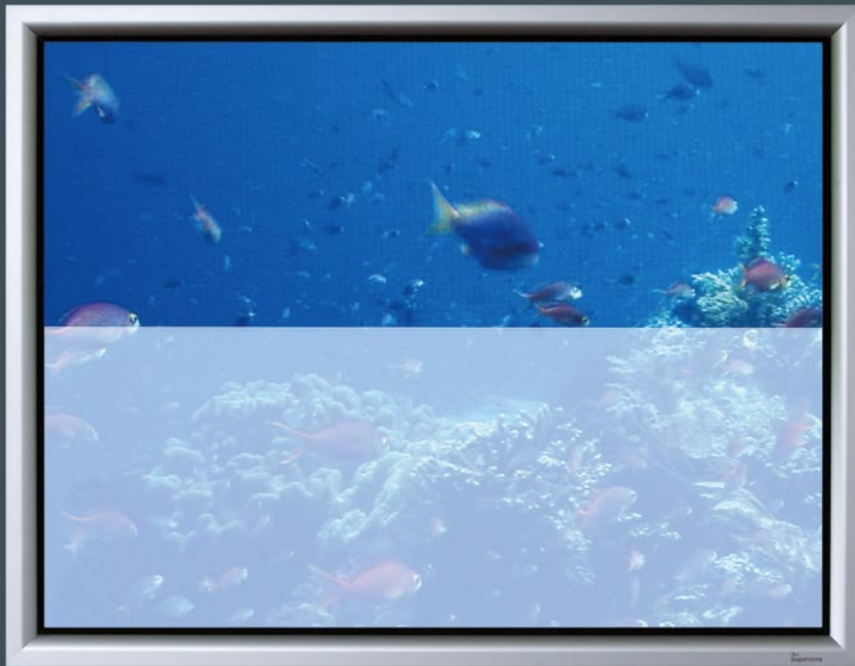


Captivating image **quality!**

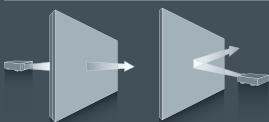
Whether it's a romantic thriller after dinner, a sporting event with pals, or a lesson in the latest video game from your kids, these days, people often socialize around screen entertainment. A large scale display gives the experience an added dimension.

Until now, the maximum display size suitable for a typically bright environment like the living room has been a

50" or 60" flat screen. Now, optical front and rear projection screens from dnp push this limit way beyond 150" and deliver the contrast you need to get rich, vivid colours and razor-sharp details, even in high ambient light. Why not take a look at the installation examples on the following pages? Or visit our website for case stories and further inspiration.



Eye-catching **technology**



dnp optical front and rear projection screens

An optical projection screen from dnp is not a traditional screen. It is an advanced optical lens system, which enables you to control the projected image for maximum impact – even in brightly-lit environments.


While conventional front and rear projection screens spread the light in all directions, dnp screens enhance the image for optimum viewing by focusing and concentrating the projected light.

The difference is clear. dnp optical screens can enhance the contrast level of a projected image by up to 7 times compared to a similar image on a standard white front

screen. This split screen test uses a 2500 ANSI lumens DLP projector and a 92" screen in a brightly-lit environment (450 LUX ambient light measured on the screen surface). The bottom of the screen is a standard front projection screen. The top half shows a dnp optical front projection screen.



Award-winning performance

dnp optical screens have won numerous awards including the Best Buzz Award at InfoComm, Honoree Awards at CES and the Exc!te award at CEDIA US 2007. The Supernova 08-85 screen material has earned ISF approval. 

Gaming on the big **screen**

Large display size is scientifically proven to enhance the user experience and intensify the audience's emotional response to a game. By occupying your whole field of vision, the screen draws you irresistibly into the action. A role playing adventure becomes much more absorbing when there are no other visual distractions. And a face to face battle is far more convincing when your virtual opponent is life-size.

dnp screens add a powerful extra dimension to gaming by combining a life-size format with crisp, sharp images and perfect colour saturation - even in broad daylight. There's simply no comparison with a traditional 17" monitor. If you've invested in a PS3 or Xbox 360, why not do it justice with a high quality dnp screen?



Residence with 84" dnp Supernova Flex Screen as a combined TV, movie and gaming display.

A brighter way of **living**

Thanks to dnp optical screens, you can at last bring the home cinema projection system up from the basement and put it in the living room. Unlike normal front or rear projection screens, dnp screens perform effectively in bright environments, so you don't even have to draw the curtains! You don't have to worry about washed-out images or fumbling around in the dark. No eye-strain, no nodding off. Just enjoy a gripping viewing experience.

To truly do justice to next-generation digital TV services and the enhanced picture definition they offer, you need large image format and high contrast. Only dnp screens can provide both.



dnp Supernova Epic front projection screen in bright living room.



dnp Supernova One and Blade Screen shown in different living rooms with windows and high ambient light.

The ultimate home cinema **experience**

It's no coincidence that so many home theatre enthusiasts choose to upgrade their standard front screen with an optical Supernova Screen from dnp.

Optical dnp screens perform so much better than normal white front projection screens - also in dark rooms like home theatres. Black levels are superior, grey colours contain more details, and colour images have greater depth. If you've just invested in a Blue-Ray DVD system, why not install a dnp screen and experience the true quality difference? For the ultimate cinema-like viewing experience, dnp's Supernova Epic Screen features a

perfectly curved screen that stimulates the feeling of being "surrounded" by the display and enhances the perceived depth and uniformity of the image.

An electronically controlled masking system adjusts screen width to fit any movie format. Velvet curtains glide silently open and shut at the screening's start and finish.

dnp also offers an exclusive selection of other front projection screens -as well as rear projection screens for built-in solutions. See the screen selection guide on page 10 for more details.



Home theatre with a 110" dnp Supernova Core Screen.



Installation with a 160" dnp rear projection screen from the E-home exhibition "Think if.." at the Swedish Telemuseum in Stockholm.

Enhancing the modern **home**

dnp screens complement any living room. They are available in a range of formats, colours and sizes with a timeless discreet design that can enhance your interior in lots of ways.

Mount your screen on the wall and make a feature of it. Have it built into the wall with projection equipment hidden behind the screen. When you're not using it,

the screen can display relaxing views - a sunset in the Maldives, the first snow in the Alps, or a slideshow of your holiday pictures. You can even take it a step further and stream a panorama from a video camera – so real that it feels like an extra window!

How to select the perfect **dnp screen**

Optical projection screens from dnp offer bigger sizes and higher resolution than any flat panel screen.

Compared with conventional projection screens they deliver much better image contrast and brightness.

But which screen type exactly, and which projection method, will suit your needs best?

In general, optical dnp rear projection screens give the best image, but they also require more space for a built-in solution. Optical dnp front projection screens are extremely space-efficient, but are less resistant to ambient light, compared to dnp rear projection screens.










The matrix¹⁾ below will help you find the screen that best suits your needs. Visit www.dnp-screens.com for further details and specifications of dnp screens.

Benefits of dnp front projection

- > Easy to install
- > No dedicated projection room/cabinet required
- > Space-effective design
- > Cost-effective solution
- > Enhanced mobility of screen and projector

Benefits of dnp rear projection

- > Enhanced contrast and image brightness
- > Can be used with high brightness applications
- > No screen shadows caused by the viewer
- > Projection equipment is hidden behind the screen
- > Noiseless operation

	Optical front screens / dnp Supernova Screens							Supernova STS	dnp Zenith Screen
	Supernova One/Core ⁵⁾	Supernova Blade	Supernova Epic	Supernova Epic CS	Supernova Flex	Supernova Flex Classic	Supernova Mobile		
Frame design									
Size in inches (diag. 4:3)	84" - 120"	100" - 120"	132" - 156"	132" - 156"	84" - 110"	84" - 120"	80"	Up to 100"	Up to 4m/159" width
Black level	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★	★★★★★
White level	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★★
Contrast	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★★
Colour reproduction	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Ability to show movies	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
Viewer convenience ²⁾	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★	★★★★	★★★★★
Space efficiency ³⁾	★★★★★	★★★★★	★★★★	★★★★	★★★★	★★★★	★★★★★	★★★★★	★★
Cost efficiency ⁴⁾	★★★★★	★★★★★	★★★★	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★
Projector efficiency	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★★

¹⁾ This matrix compares the screens against each other using a 6-star rating system. The screen that performs best within the Home entertainment segment on a specific parameter gets 6 stars

²⁾ The less disturbance from projection equipment (noise, light), the higher score

³⁾ Space requirement for installation - e.g. projection room behind rear projection display

⁴⁾ Cost efficiency of total installation with this screen - installation work, rigs, mirror etc included

⁵⁾ Supernova One and Supernova Core with 08-85 screen material. Also available with Supernova 23-23 screen material offering different optical properties. For more details see www.dnp-screens.com

Ask for a **demonstration!**

If you want to know more about dnp optical projection screens – how they work, how you install them, or how they can add value to your home, just give us a call.

We put our wealth of experience and know-how from helping thousands of customers find the right home entertainment installations at your disposal.

Our authorized distributors can provide you with all the installation support you require, including frames and rigs. We would also be happy to give you a personal demonstration. After all, seeing is believing....



dnp denmark is the world's leading supplier of optical projection screens for high quality display solutions for conference rooms, control rooms, digital signage, TV studios, home entertainment and houses of worship. The dnp portfolio includes an extensive range of optical screens for all front and rear projection applications. For more information, please see www.dnp-screens.com

dnp denmark is the worldwide large-screen centre of Dai Nippon Printing Co. Ltd. With a total annual turnover of USD 16 billion and approximately 48.000 employees, the DNP Group is one of the world's largest printing and media companies.

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