



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 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 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 shows a standard front projection screen in the bottom and a dnp Supernova front projection screen in the top. Note the deeper black level in the Supernova top half, which enhances the contrast and improves the perception of depth and details in the image.



Award-winning performance

dnp optical screens have won numerous awards including the rAVE best of ISE 2015, Best Buzz Award at InfoComm, Honoree Awards at CES and the Exc!te award at CEDIA US. 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 gaming console, why not do it justice with a high quality dnp screen?



Residence with 128" dnp Supernova Core 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 LaserPanel in bright living room.



dnp Supernova One and dnp Supernova Blade 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 dnp Supernova Screen.

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 or

media server, why not install a dnp screen and experience the true quality difference?

dnp offers an exclusive selection of front projection screens. See the screen selection guide on page 10 for more details.



Home theatre with a 110" dnp Supernova Core Screen.



100" dnp LaserPanel in living room (top), dnp Supernova One in Home Cinema (bottom)

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.

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 optical flat screens

- > All-in one solution
- > Laser projection
- > Cost-effective compared to LED flat screens
- > Easy to install
- > Ultra short throw

	dnp front projection					
	dnp Supernova Screens			dnp Supernova Short Throw screens		dnp optical flat screens
	dnp Supernova One/Core ⁵⁾ Screen	dnp Supernova Blade screen	dnp Supernova Flex Classic screen	dnp Supernova STS screen	dnp Supernova STW screen	dnp LaserPanel
Frame design						
Size in inches (diagonal)	92" - 120"	100" - 120"	100" - 120"	Up to 100"	Up to 120"	100"
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, education, control rooms, digital signage, TV studios, home entertainment and houses of worship. 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 12.6 billion and approximately 39.000 employees, the DNP Group is one of the world's largest printing and media companies.

Partner:

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