

Conference room **displays**





Improve your **image!**

Good ideas deserve a perfect presentation. And with optical projection screens from dnp you can really do them justice. Although it only represents a small part of the total AV budget, the screen is arguably the most important element. It's the face of the entire presentation system and the point of delivery for your message! A good screen can dramatically enhance the image quality. A cheaper one can ruin your image – which makes it a false economy in the long run.

Today, most architects specify high levels of natural ambient light when they design meeting and conference

rooms. Under these circumstances, traditional projection screens do not perform well. But our high-contrast optical screens do. dnp optical screens are available to suit any presentation situation.

Why not take a look at the installation examples on the following pages? Or visit our web site for case studies and more details.



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, Honoree Awards at CES and the Exc!te award. dnp LaserPanel was shortlisted in the “Display product of the year” category at the AV Awards in 2016.

Optical flat screens – affordable and easy to install



100" dnp LaserPanels provide a strong alternative to LED flat screens in meeting rooms, classrooms and even private homes and offer the most attractive size-cost-quality profile on today's market. dnp LaserPanels meet the users' demands for large all-in-one display solutions that are easy-to-install while remaining affordable for companies, educational institutions and homeowners.

These large displays are all-in-one solutions including laser projector, screen and projector mount (Touch version). dnp LaserPanels are available in a standard version and a Touch version for interactive presentations.

You can choose between two elegant furniture lines for the dnp LaserPanel. The two projector cabinet lines hide the projector. Choose between a motorized cabinet - the Executive line, or the manually operated cabinet - the Business line.

First impressions **last**

First impressions have lasting effects, and for company visitors the reception area is their first point of contact. That's why more and more forward-thinking companies are installing large screens in their reception areas.

Using high quality screens from dnp, you can present your corporate presentations or news broadcasts. You can captivate visitors with panoramic, peaceful and constantly changing footage from the great outdoors. Choose whatever type of footage suits your corporate identity and brand values. It will not only enhance the first impression your company gives, but at the same time entertain waiting customers!



110" dnp Supernova Blade in Valeo Autoklimatizace k.s., Prague

Presentation in high ambient light

To convey your arguments successfully, you need the audience's full attention. Until recently this was hard to achieve as large screen projection was only possible in a darkened room, which broke the connection between audience and presenter. Now, thanks to dnp's optical screens, you can project high quality images in any situation, including broad daylight.

Consider the advantages as a presenter: To start with, you can leave the lights on. You are not blinded by the contrast between bright light from the projector and the darkness of the room. You can maintain eye contact with your audience and read their facial expressions. You can even clarify a point by drawing on a whiteboard. What's more, your viewers can take notes without straining their eyes.



Meeting room with a dnp Supernova Infinity front projection Screen. The screen to the right is a standard white front screen.



100" dnp LaserPanel Business Classic in conference room.



Large-as-life video conferencing on a 110" dnp Supernova One Screen

Life-like video conferencing

Video conferencing and tele-presence are great ways to cut travel costs, while enabling people to work in geographically dispersed teams. With dnp screens you can create a virtual meeting experience unlike any other. For video conferencing cameras to work well it is normally recommended they work in environments with high ambient light (typically > 800 lux). Such lightning levels will wash out the image of non-optical projection

screens, which is why dnp is the absolute market leader in this application.

Life-like images give a true sense of proximity to long-distance meetings. Team members can monitor their colleagues' expressions and body language, almost as if they were in the same room.

A brighter way of **teaching**

Traditionally, using a conventional projection screen for teaching meant choosing between two evils: you either had to project into a well lit room and live with weak, washed out images, or risk causing eye-strain and head-aches by projecting a bright image in a darkened room.

Now, thanks to dnp's revolutionary screen technology, you no longer have to choose. Since dnp screens allow you to project high-contrast images into brightly-lit rooms, you won't tire your viewer's eyes. Your audience will be able to concentrate better and to learn more. After all, that's what they're there for.



110" dnp Supernova Core optical front projection screens in classroom.



607" Supernova Infinity Screen in Jakarta, Indonesia.

Conference halls and **conventions**

Conventional front-projected images simply don't perform well with the bright lighting systems typically used in conference halls. In these situations, only dnp optical screen technology provide satisfactory quality.

Studies show that in order for a viewer to see detailed information clearly, the minimum acceptable contrast is 15:1. dnp's optical front projection screen, Supernova,

was the world's first front screen to break the 15:1 contrast barrier in rooms with ambient light. Our rear projection screens offer contrast ratios way above this level.

dnp Supernova Screens make colours far more vivid and images more detailed than standard screens – and the Supernova Infinity Screen variant can be used to create displays in any size.

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-efficient design
- > Cost-effective solution
- > Enhanced screen and projector mobility

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
- > Touch version available

	dnp front projection							
	dnp Supernova Screens				dnp Supernova short throw screens		dnp optical flat screens	
	dnp Supernova Infinity screen	dnp Supernova One/Core [®] Screen	dnp Supernova Blade screen	dnp Supernova Flex Classic screen	dnp Supernova STS screen	dnp Supernova STW screen	dnp LaserPanel	dnp LaserPanel Touch
Frame design								
Size in inches (diagonal)	Infinite size	92" - 120"	100" - 120"	100" - 120"	Up to 100"	Up to 120"	100"	100"
Contrast	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Image brightness ²⁾	★★	★★	★★	★★	★★	*	*	★★
Viewing angles	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★★★	★★★★★	★★★
Ability to show video	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★
Ability to show data/ppt	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Presentation convenience ³⁾	★★★★★	★★★★	★★★★	★★★★	★★★★★	★★★	★★★	★★★★★
Space efficiency ⁴⁾	★★★★	★★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Cost efficiency ⁵⁾	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Projector efficiency	★★	★★	★★	★★	★★	*	*	★★

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

2) Gain 1 = 2 star, gain 3.5 = 6 stars

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

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

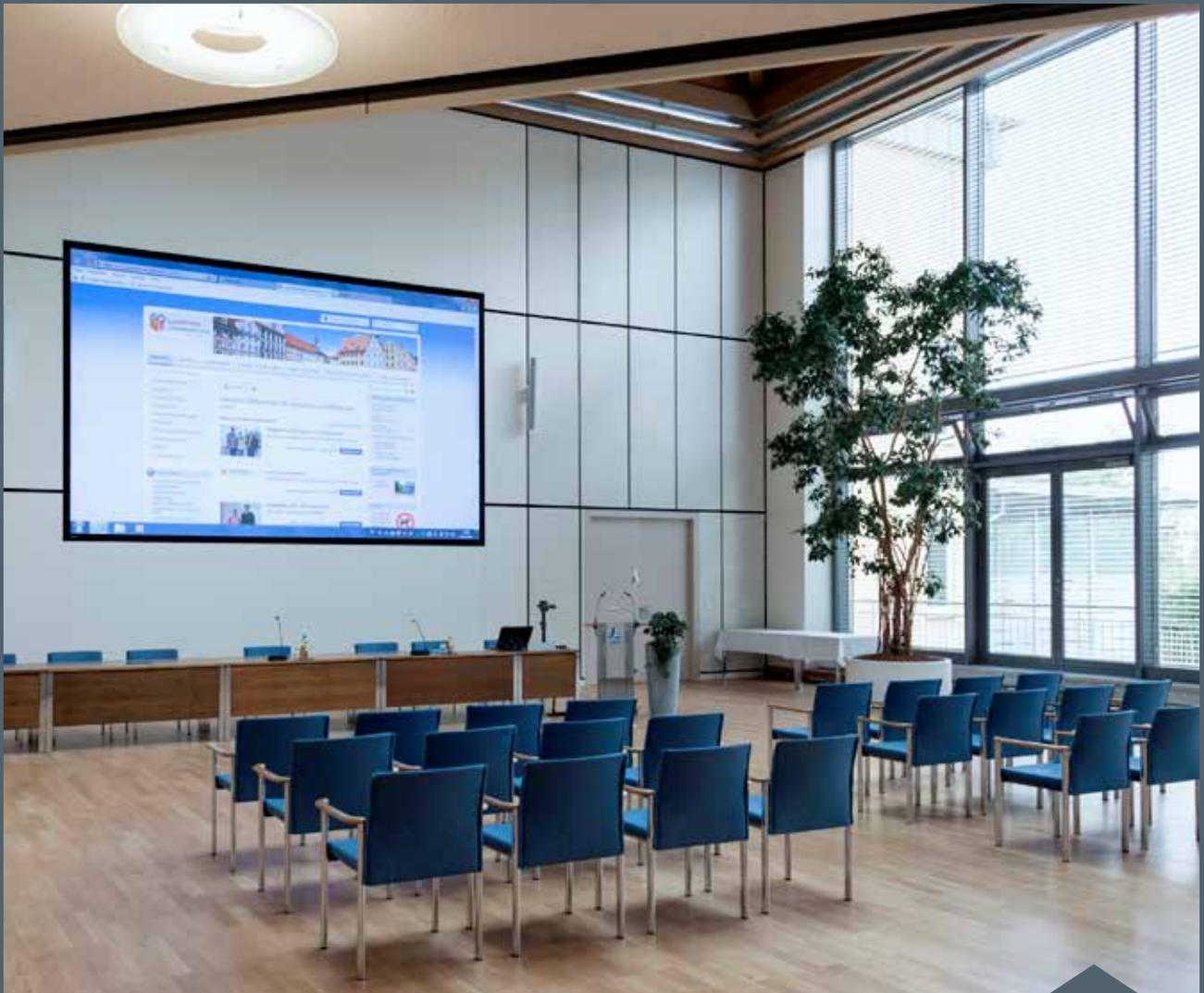
5) Cost efficiency of total installation with this screen - installation work, rigs, mirror etc included

6) 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 screens – how they work, how to install them, and how they can add value to your business, just give us a call. We put our experience and know-how from meeting and boardroom projects all over the world at your disposal.

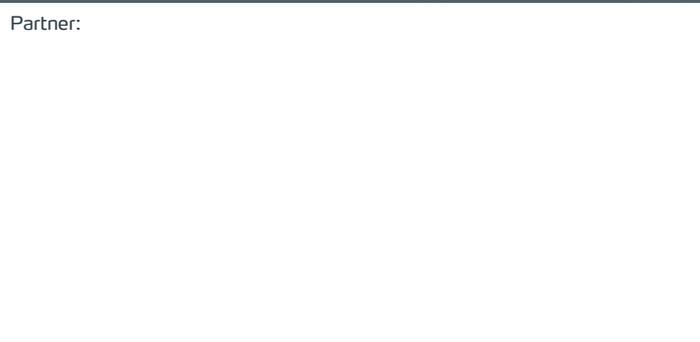
Our authorized distributors can provide you with all the installation support you require, including frames and rigs. We would also be happy to give you a personal demonstration. After all, seeing is believing...



232" dnp Supernova Infinity (5 x 3.12 m) in conference room.

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.



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