



dnp **LaserPanel™**

Big, beautiful and affordable





- > Optical screen and laser projection technology
- > Optimised for comfortable viewing
- > Cost-effective operation
- > Full HD resolution (1920x1080p)*
- > All-in-one solution
- > Touch version available
- > Two lines of furniture available

* The screen is 4K ready



Dropping the cost of **flat screen viewing**

dnp denmark has created a new category of optical flat screens that drastically drops the price of flat screen viewing. The 100" dnp LaserPanel combines a high-contrast optical screen with a short-throw laser projector to offer pristine big-screen images at around half the cost of LCD flat screens.

Big is beautiful

Whether your viewers are in a meeting room, lecture hall, sports bar or their own living room, their hunger for bigger, brighter, more dynamic images is there – and it's growing. Until now, the astronomical prices of 100" LCD flat screens have been too expensive for those looking to optimally fill their viewing space with amazing images.

Save up to 75%

The 100" dnp LaserPanel changes that and makes big-screen viewing more affordable. Depending on whether you compare with an 84" or 98" LCD flat screen, you can save 50-75% per square inch screen area. The bigger the screen, the bigger the savings.

Easy-to-install all-in-one solution

The dnp LaserPanel comes as a convenient all-in-one solution that includes everything you need for the installation, including the wall mount. The flat screen is mounted on the wall, just like an LCD flat screen, and powered by the laser projector that is mounted either above or below the screen.

The laser projector costs less to run than an LCD screen, and the separation of image source and screen makes it easy to upgrade or replace the different components if necessary. The lower cost of ownership combined with a drastically lower price per screen-area square inch makes the dnp LaserPanel an affordable, accessible solution for organisations and homeowners with big-screen ambitions of all kinds.



C&A's flagship store Amsterdam now boasts a pair of 100" dnp LaserPanels - among the first to be used in a POS application. The attractive dynamic display prompts customers to think again about the garments they have passed by in the store, thereby generating additional sales.

Work or play

Optimised for standard-ceiling heights and a room layout for 8-12 people, the 100" dnp LaserPanel is perfect for medium-sized meeting rooms, classrooms and training facilities.

The 100" dnp LaserPanel is also ideal for retail stores, sports bars, health clubs and home entertainment – or anywhere people are gathered to relax, work out or shop.



dnp LaserPanel Touch in a meeting room at the Ministry of Foreign Affairs, Abu Dhabi

Two stunning versions to choose from

dnp LaserPanels are available in a standard version and a Touch version for interactive presentations. The Touch functionality is enabled by an infrared camera in the

projector that reads and interprets the presenter's touch movements. It comes with IR pens and Laser Curtain for finger touch.

Installation principles

Standard version - projector below screen

With the standard version the projector should be mounted below the screen for optimum image quality.



Touch version - projector above screen

With the Touch version the projector should be mounted above the screen to make screen access and interaction easy. Projector mount is included.



Two elegant furniture lines

Cabinets in Danish design

Together with clic, we've created two projector cabinets in their unnu product line for the dnp LaserPanel standard. Based on minimalistic Danish design, these stylish pieces of furniture hide the projector. Choose between a motorized cabinet - the Executive line, or

the manually operated cabinet - the Business line. No matter which line you choose the result is an elegant piece of AV furniture that lets images, sound and design capture the room. The cabinets are designed and manufactured in Denmark.



dnp LaserPanel Executive Classic



dnp LaserPanel Business Classic



dnp LaserPanel Business Classic in meeting room

dnp LaserPanel **solutions**

The dnp LaserPanel is available in eight different solutions - depending on your specific need.



dnp LaserPanel

The projector is mounted below the screen and the solution is ideal for presentations without interactivity.

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector



dnp LaserPanel Touch

With the projector mounted above the screen, this solution is ideal for interactive presentations.

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector with interactive functionality
- > IR touch camera & pens
- > Projector mount
- > WiFi dongle for wireless streaming
- > LaserCurtain for finger touch

dnp LaserPanel **Business**

The dnp LaserPanel Business line includes three different manually operated solutions. To ensure ease of use, the units feature a push-spring-opening that opens the projector drawer smoothly. Depending on your need to store presentation equipment and meeting accessories you can choose between the Basic, Classic or Plus version.



dnp LaserPanel Business Basic

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector
- > Projector drawer cabinet



dnp LaserPanel Business Classic

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector
- > Projector drawer cabinet
- > 1 x single cabinet with drawers
- > 1 x single cabinet with wooden door



dnp LaserPanel Business Plus

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector
- > Projector drawer cabinet
- > 2 x double cabinet with drawers and fabric door

dnp LaserPanel **Executive**

The exclusive dnp LaserPanel Executive line includes three different automatically operated solutions and features an electric door for easy operation. With the push of a button, the projector slides into projection mode. Depending on your need to store presentation equipment and meeting accessories, you can choose between the Basic, Classic or Plus version.



dnp LaserPanel Executive Basic

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector
- > Motorized projector cabinet



dnp LaserPanel Executive Classic

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector
- > Motorized projector cabinet
- > 2 x single cabinet with fabric door
- > 2 x single cabinet with wooden door



dnp LaserPanel Executive Plus

- > 100" dnp LaserPanel screen
- > dnp LaserPanel projector
- > Motorized projector cabinet
- > 2 x double cabinet with wooden door and fabric door
- > 2 x double cabinet with wooden door and open shelf



100" dnp LaserPanel Executive Plus

Cabinet **features**

The projector cabinets elegantly hide away the projector when it is not in use. And if you use side cabinets you can do the same with your meeting room accessories. Depending on which solution you choose, you will have more or less compartments but all with a shelf included. In selected solutions you will have drawers or wooden doors with the same high quality surface finish in all cabinets.

If you want transparency for infrared light or soundwaves you should choose a solution with a fabric door. Here you can operate your AV equipment and loudspeakers without having to open the door. All furniture is designed and crafted in Denmark and is pre-assembled from factory for easy installation.



Wooden door for hiding AV equipment. Easy to clean.



Fabric door allows sound and IR-signals to pass through.



Drawers for storage of AV accessories.

dnp LaserPanel feature comparison

Use this table to get a quick overview of the features of the eight different dnp LaserPanel solutions.

	dnp LaserPanel Touch	dnp LaserPanel	dnp LaserPanel Business Basic	dnp LaserPanel Business Classic	dnp LaserPanel Business Plus	dnp LaserPanel Executive Basic	dnp LaserPanel Executive Classic	dnp LaserPanel Executive Plus
Manually operated projector cabinet			•	•	•			
Motorized projector cabinet						•	•	•
Prepared for loudspeakers					•		•	•
Space for meeting room equipment				•	•		•	•
Interactive projector - touch	•							
Standard projector - no touch		•	•	•	•	•	•	•

Why use laser projection?

There are several reasons why we have chosen to use solid-state-laser-illumination in our dnp LaserPanel solutions.

Long life

The main benefit of laser based projection is the long lifespan of the laser light source and thus the low maintenance costs. dnp LaserPanel projectors offer a minimum of 20,000 hours without replacing the light source. This is equivalent to 2.3 years of continuous operation or more than 10 years of normal use.

Low maintenance

With a traditional lamp based projector you would have to replace bulbs 6-10 times during the life of a laser projector, thereby increasing the maintenance hassle- and costs significantly. With dnp LaserPanel projectors there is no need to call and coordinate service people on a regular basis and users will enjoy better and more consistent picture quality throughout the life of the projector without interruptions or down time.

More colours

Laser light offers a wider colour gamut compared to traditional lamps. The increased colour space enables as much as 30% more colours and will give you more natural- and saturated pictures with higher colour resolution and more picture depth. The stable light source and the wide colour gamut is a strong combination that will give users better and more accurate pictures for a much longer period of time than obtainable with traditional lamps.

Instant on/off

Traditional lamps require time to warm up until they obtain full brightness and accurate colours. For some models this can take several minutes. The dnp LaserPanel projectors start-up and shut-down in less than 10 seconds. Instant on/off is reducing waiting time and is increasing efficiency.





100" dnp LaserPanel in conference room.

Want to **know more?**

If you want to know more about dnp LaserPanels – how they work, how to install them, and how they can add value to your business, just give us a call or check out

our website www.dnp-screens.com. We put our experience and know-how from projects all over the world at your disposal.



dnp denmark is the world's leading supplier of optical projection screen solutions for high quality display solutions for conference rooms, education, control rooms, digital signage, TV studios, home entertainment and houses of worship. We are part of the world's largest printing and media company Dai Nippon Printing Co. Ltd.

For more information, please see: www.dnp-screens.com

Partner:

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