



The dnp Supernova Infinity is a modular screen system that creates exceptionally large-sized viewing experiences out of any number of Supernova screen units. By fitting together Supernova screen panels using a uniquely developed support structure, the Supernova Infinity essentially transforms the revolutionary Supernova screen into a building block for creating large-scale displays with endless size possibilities. Choose between the STD version for standard-throw projectors or the UST version for ultra-short-throw projectors.



dnp optical front projection screens

Capture large audiences from great distances with superior image quality. The award-winning Supernova ALR screen materials absorb ambient light and provides high contrast projected images even in brightly lit surroundings such as conference rooms, shopping centres and exhibition halls.

The dnp Supernova Infinity features two types of screen materials engineered to fit projectors with different LTR. Use the ISF-certified Supernova 08-85 for standard-throw projectors or use the Supernova STL05 for ultra-short-throw projectors. Both screen materials are true optical ALR screen materials with +/- 85 degree viewing cone that are perfect for very wide seating arrangements.

The modular construction is customized for every product to meet the size and individual requirements of the finished screen, hence number and size of screen panels is designed for the specific installation. Held together by a series of powerful magnets, the Supernova Infinity panels provide a zero seam viewing experience and can be used with one projector or multiple projectors in an edge-blending solution. All panels are class B fire-retardant for higher safety.

The dnp Supernova Infinity screen can be curved, angled or tilted, and it can be installed on the wall, from the ceiling or

raised on a floor-stand. Options are endless. A true project display that can be custom made for exactly your needs and a cost-efficient product compared to other high-contrast solutions.

- > Unlimited screen size possibilities
- > Seamless viewing experience
- > Optical screen material for high contrast viewing in brightly lit surroundings
- > Choose between ultra-short-throw (UST) -or ISF certified standard-throw (STD) screen material
- > Compatible with most ultra-short -and standard projectors
- > Soft-edge blending possible
- > Customized to fit your needs
- > 4K compatible
- > Fire-retardant aluboards

Application suitability	
Auditorium/sports arena	★ ★ ★ ★ ★ ★
Conference room	★ ★ ★ ★ ★
Control room	★ ★ ★ ★ ★
TV studio	★ ★ ★ ★
Advertising – in-store	★ ★ ★ ★
Advertising – window display	★
Home entertainment – bright living room	★ ★
Education	★ ★ ★ ★

## Product details

Aspect ratio Any – customized screen sizes

### Screen dimensions

Width Any – customized screen sizes  
 Height Any – customized screen sizes

Depth (no floor stand) mm 50  
inch 2

### Weight

Screen kg/m<sup>2</sup> 12-17  
 (approx. – depending on size) lbs/ft<sup>2</sup> 2.5-3.5

### Floor stand weight

Foot support kg 25  
 (approx. – depending on size) lbs 55

## Unique micro-filter screen technology for up to 7 times more contrast

The Supernova screen materials are optical multi-layer ALR technologies that absorb ambient light and ensure a superior viewing experience. Layers include:

- > Unique optical lens film to reduce the impact of ambient light and thereby ensure better image contrast.
- > Technologically advanced reflection layer for revolutionary half-gain angles up to +/- 85°.
- > Multi-layer technologies set new standards for colour reproduction.

General information		STD	UST
Available screen material		o8-85	STLo5
Peak gain		0.8	0.5
Horizontal half-gain angle	°	85	85
Lens pitch	micron	65	300
Operating environment			
Temperature	°C	10-40	10-40
	°F	50-104	50-104
Humidity (non-condensing)	%RH	10-70	10-70
Screen panel information			
Image brightness difference between adjacent screen panels	%	< 3	< 3
Gap between adjacent screen panels	mm	< 0.30	< 0.30
	inch	< 0.01	< 0.01
Screen thickness	mm	3.5	3.5
	inch	0.14	0.14
ASTM E 84 fire rating		Class 2/B	Class 2/B
Projection information			
Recommended lens-throw-ratio	LTR	1.5:1 - ∞	0.15:1 - 0.50:1
Front frame options			
Black velvet	mm	Standard	Standard
	inch	50	50
		2	2
Silver Alu or RAL color (incl. 20 mm [0.8"] inner masking frame)	mm	Optional	Optional
	inch	70	70
		2.8	2.8
No frame		Optional	Optional
Mount options			
Wall mount system, Floor mount system or Ceiling mount system			
Included in the package			
Support structure, screen panels, front frame, installation manual			

#### Compatibility/Certificates



o8-85 screen material

#### Installation

The Supernova Infinity is compatible with most standard and ultra-short throw projectors and can be hung from the wall or ceiling or mounted onto a dnp floor stand. It comes with a uniquely developed, easy-to-handle aluminium support structure and an elegant, black velvet frame to tastefully finish off a unique installation.