

# SUPERNOVA™ INFINITY

Supernova™



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 Screens using a uniquely developed aluminium structure, the Supernova Infinity essentially transforms the revolutionary Supernova Screen into a building block for creating large-scale displays with endless size possibilities.

## Endless size possibilities

**High-tech front projection screens** The award-winning Supernova Screen is an advanced optical front projection screen. Outfitted with high-contrast filters that absorb ambient light, Supernova provides extraordinarily clear images even in brightly lit surroundings such as conference rooms, shopping centres and exhibition halls.

The large size of the Supernova Infinity coupled with the superior viewing qualities of optical projection make it possible to capture large audiences even from a great distance and at steep viewing angles.

**Constructing a giant screen** The modular construction is customized to the size and number of screens chosen and is quick and easy to assemble. Held together by a series of powerful magnets, the Supernova Infinity provides a zero physical seam viewing experience and cost-efficient product.

**Soft-edge blending** The Supernova Infinity makes soft-edge blending an option on an optical screen for the first time. Using multiple projectors to create bigger images without any worry of visible overlap opens the door to unlimited resolution.

FRONT

PROJECTION

SCREENS



- ❖ Optical front projection
- ❖ Projection in brightly lit surroundings
- ❖ Up to 2 times brighter images and 10 times higher contrast than conventional front screens
- ❖ Unlimited screen size possibilities
- ❖ Seamless viewing experience
- ❖ Soft-edge blending
- ❖ Easy installation
- ❖ Compatible with all standard projectors
- ❖ CNC precision-cut edges
- ❖ +/- 80° half-gain angle
- ❖ ISF approved

# Supernova™ Infinity specifications

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## PRODUCT DETAILS

- Aspect ratio: Any – Customized screen sizes
- Image size: Any – Customized screen sizes
- Weight of frame structure + screens:  
Approx. 10-15 kg per m<sup>2</sup> [2-3 lbs per ft<sup>2</sup>] (depending on size)
- Weight of floor stand: Approx. 25 kg [55 lbs] per foot support

### Projector information:

- Minimum lens throw ratio (LTR) = 1.5:1
- Minimum projector distance = LTR x image width

Image brightness difference between adjacent screen modules is less than 3%.



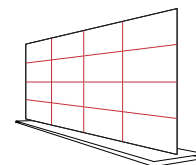
## GENERAL INFORMATION

**Installation** The Supernova Infinity is compatible with all standard 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 frame in customized sizes or an elegant, black velvet frame to tastefully finish off a unique installation.

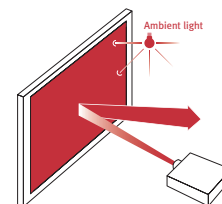
**Supernova technology** The Supernova Screen uses technology that has won numerous awards for its ability to absorb ambient light and achieve image quality that is up to twice as bright as conventional front screens with up to 10 times higher contrast. Constructed out of multiple Supernova Screens, the Supernova Infinity provides all these features in extra-large proportions.



**Made to order** The Supernova Infinity creates one enormous screen out of multiple Supernova Screen units. The screen units are installed onto an easily assembled aluminium frame that is made to order. As a front projection screen where the projector is placed in front of the screen either on a table or mounted to the ceiling, the Supernova Infinity takes up minimal space while providing an extensive screen span.



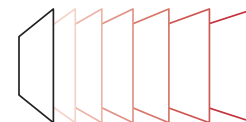
**High-contrast filter absorbs ambient light** Supernova features an active high-contrast filter that allows the projected image to be reflected while effectively absorbing incident light from other angles. This patented technology means the screen is virtually unaffected by diffused ambient light and is ideal for bright environments.



## 7 LAYERS FOR UP TO 10 TIMES MORE CONTRAST

The Supernova Screen is made up of 7 high-tech layers that actively ensure a superior viewing experience. Layers include:

- Unique patented 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 +/- 80°.
- Black colour layer that sets new standards for colour reproduction.
- Hard surface coating for screen scratch resistance and easy handling and a no-shimmer image.



These unique properties have earned Supernova Infinity ISF approval. 

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