



The dnp Supernova Flex combines revolutionary Supernova Screen technology with innovative, aesthetic, space-saving design to create a high-quality front projection screen that is flexible and retractable. The Supernova Flex Screen is available with a wall mounted or a ceiling mounted installation system.



Ceiling mounted (Cassette)



Wall mounted (Cover)



## dnp optical front projection screens

Outfitted with high-contrast filters that absorb ambient light, the Supernova Flex delivers exceptionally clear images even in brightly lit surroundings such as conference rooms and exhibition centres – eliminating the need for darkened environments.

The Supernova Flex balances supreme black levels with an ergonomical brightness level. This prevents eye strain and provides clear and vivid images with full colour saturation, regardless of the angle in which the viewer is positioned. Because of its unique properties, the Supernova Flex is the ideal choice for home entertainment.

The unique, patented design of the retractable Supernova Flex makes Supernova front projection screens even more accessible. The Supernova Flex exits and enters its ceiling or wall mounted housing quickly and easily, simultaneously providing a safe place to store the screen. The cover for the

wall mounted version comes in a variety of designs and sizes to fit discreetly into any room. Suspended by durable wires, the Supernova Flex is easy to adjust vertically and can be rolled down over an existing wall hanging such as a painting or flat screen television. The screen is easy to install, compatible with all standard projectors and comes standard with an infrared remote control, 5-12 V trigger and RS-232 connection.

- > Uniform front projection in brightly-lit surroundings
- > Suspended in nearly-invisible wires
- > Quick and easy retraction
- > Compatible with all standard projectors
- > Market-leading black levels and perfect colour balance
- > ISF-certified screen material (SN 08-85)

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

# dnp Supernova™ Flex Specifications

## Product details

| Aspect ratio                            |      | 72"   | 84"   | 4:3 format<br>100" |  | 72"   | 84"   | 92"   | 16:9 format<br>100" |
|---|------|-------|-------|--------------------|--|-------|-------|-------|---------------------|
| Screen size                             |      |       |       |                    |  |       |       |       |                     |
| Image area                              |      |       |       |                    |  |       |       |       |                     |
| Width                                   | mm   | 1463  | 1707  | 2032               |  | 1594  | 1860  | 2037  | 2214                |
| Height                                  | mm   | 1097  | 1280  | 1524               |  | 897   | 1046  | 1146  | 1245                |
| Width                                   | inch | 57.6  | 67.2  | 80.0               |  | 62.8  | 73.2  | 80.2  | 87.2                |
| Height                                  | inch | 43.2  | 50.4  | 60.0               |  | 35.3  | 41.2  | 45.1  | 49.0                |
| Screen dimensions (including frame)     |      |       |       |                    |  |       |       |       |                     |
| Width                                   | mm   | 1608  | 1852  | 2177               |  | 1739  | 2004  | 2182  | 2359                |
| Height                                  | mm   | 1199  | 1382  | 1626               |  | 999   | 1148  | 1248  | 1347                |
| Width                                   | inch | 63.3  | 72.9  | 85.7               |  | 68.5  | 78.9  | 85.9  | 92.9                |
| Height                                  | inch | 47.2  | 54.4  | 64.0               |  | 39.3  | 45.2  | 49.1  | 53.0                |
| Shipping dimensions                     |      |       |       |                    |  |       |       |       |                     |
| Length                                  | mm   | 2050  | 2300  | 2640               |  | 2160  | 2300  | 2640  | 2760                |
| Height                                  | mm   | 230   | 230   | 230                |  | 230   | 230   | 230   | 230                 |
| Width                                   | mm   | 230   | 230   | 230                |  | 230   | 230   | 230   | 230                 |
| Length                                  | inch | 80.7  | 90.6  | 103.7              |  | 85.0  | 90.6  | 103.9 | 107.7               |
| Height                                  | inch | 13.0  | 13.0  | 13.0               |  | 13.0  | 13.0  | 13.0  | 13.0                |
| Width                                   | inch | 9.1   | 9.1   | 9.1                |  | 9.1   | 9.1   | 9.1   | 9.1                 |
| Weight                                  |      |       |       |                    |  |       |       |       |                     |
| Screen (net)                            | kg   | 19    | 21    | 24                 |  | 20    | 22    | 24    | 25                  |
| Shipping (gross)                        | kg   | 25    | 27    | 31                 |  | 26    | 29    | 31    | 33                  |
| Screen (net)                            | lbs  | 41    | 46    | 52                 |  | 44    | 49    | 52.0  | 55                  |
| Shipping (gross)                        | lbs  | 55    | 60    | 68                 |  | 57    | 64    | 68    | 72                  |
| Projection information                  |      |       |       |                    |  |       |       |       |                     |
| Minimum lens throw ratio                | ltr  | 1.5:1 | 1.5:1 | 1.5:1              |  | 1.5:1 | 1.5:1 | 1.5:1 | 1.5:1               |
| Minimum projection distance             | mm   | 2195  | 2560  | 3048               |  | 2391  | 2789  | 3055  | 3321                |
|   | ft   | 7.2   | 8.4   | 10.0               |  | 7.8   | 9.2   | 10.0  | 10.9                |
| Wall hanging cover dimensions           |      |       |       |                    |  |       |       |       |                     |
| Length                                  | mm   | 1937  | 2181  | 2506               |  | 2068  | 2334  | 2511  | 2688                |
| Height                                  | mm   | 221   | 221   | 221                |  | 221   | 221   | 221   | 221                 |
| Length                                  | inch | 76.3  | 85.9  | 98.7               |  | 81.4  | 91.9  | 98.9  | 105.8               |
| Height                                  | inch | 8.7   | 8.7   | 8.7                |  | 8.7   | 8.7   | 8.7   | 8.7                 |
| Wall hanging cover weight               |      |       |       |                    |  |       |       |       |                     |
| Net                                     | kg   | 4.7   | 5.2   | 6.0                |  | 5.0   | 5.6   | 6.0   | 6.5                 |
| Net                                     | lbs  | 10.3  | 11.5  | 13.3               |  | 11.0  | 12.4  | 13.3  | 14.2                |
| Ceiling cassette dimensions             |      |       |       |                    |  |       |       |       |                     |
| Length                                  | mm   | 2280  | 2280  | 2610               |  | 2280  | 2610  | 2610  | 2910                |
| Height                                  | mm   | 235   | 235   | 235                |  | 235   | 235   | 235   | 235                 |
| Width                                   | mm   | 192   | 192   | 192                |  | 192   | 192   | 192   | 192                 |
| Length                                  | inch | 89.8  | 89.8  | 102.8              |  | 89.8  | 102.8 | 102.8 | 114.6               |
| Height                                  | inch | 9.3   | 9.3   | 9.3                |  | 9.3   | 9.3   | 9.3   | 9.3                 |
| Width                                   | inch | 7.6   | 7.6   | 7.6                |  | 7.6   | 7.6   | 7.6   | 7.6                 |
| Ceiling cassette cover plate dimensions |      |       |       |                    |  |       |       |       |                     |
| Length                                  | mm   | 2340  | 2340  | 2670               |  | 2340  | 2670  | 2670  | 2970                |
| Height                                  | mm   | 2     | 2     | 2                  |  | 2     | 2     | 2     | 2                   |
| Width                                   | mm   | 252   | 252   | 252                |  | 252   | 252   | 252   | 252                 |
| Length                                  | inch | 92.1  | 92.1  | 105.1              |  | 92.1  | 105.1 | 105.1 | 116.9               |
| Height                                  | inch | 0.1   | 0.1   | 0.1                |  | 0.1   | 0.1   | 0.1   | 0.1                 |
| Width                                   | inch | 9.9   | 9.9   | 9.9                |  | 9.9   | 9.9   | 9.9   | 9.9                 |
| Ceiling cassette and cover plate weight |      |       |       |                    |  |       |       |       |                     |
| Net                                     | kg   | 15    | 15    | 17                 |  | 15    | 17    | 17    | 18                  |
| Net                                     | lbs  | 33    | 33    | 37                 |  | 33    | 37    | 37    | 40                  |

Subject to change without notice. Please check specifications at time of ordering.

# dnp Supernova™ Flex **General information**

## General information for wall mounted version (cover)

### Mounting

|   |      |     |     |     |
|---|------|-----|-----|-----|
| Distance from screen to wall:<br>(Standard) | mm   | 20  |     |     |
|   | inch | 0.8 |     |     |
| Wall clearance spacer:<br>(Optional)        | mm   | 25  | 50  | 100 |
|   | inch | 1.0 | 2.0 | 3.9 |

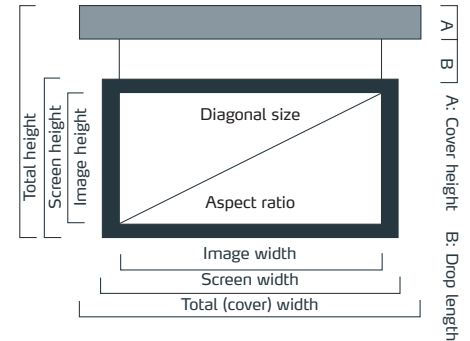
### Covers

|                         |               |               |                   |           |            |           |
|-------------------------|---------------|---------------|-------------------|-----------|------------|-----------|
| Standard cover designs: | Black         | White         | Brushed aluminium | Maplewood | Cherrywood | Paintable |
| Material:               | Powder-coated | Powder-coated | HPL*              | HPL*      | HPL*       |           |

\*) High Pressure Laminate

### Included in the package

Cover, security clips



## General information for ceiling mount kit (cassette)

### Ceiling cassette cover plate

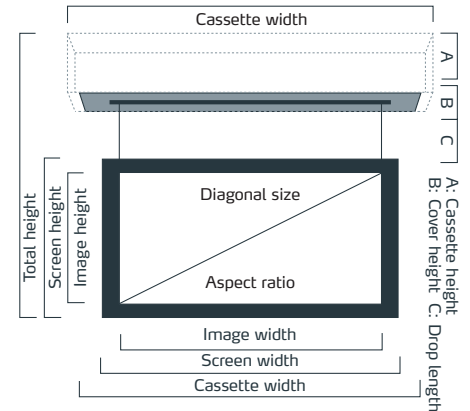
|                  |                                    |           |                                |
|------------------|------------------------------------|-----------|--------------------------------|
| Standard designs | White                              | Unpainted | (Other RAL colours on request) |
| Material         | Powder-coated aluminium (RAL 9010) |           |                                |

### Ceiling cassette housing

|                           |           |
|---------------------------|-----------|
| Standard cassette designs | Unpainted |
| Material                  | Aluminium |

### Included in the package

Cassette, cover, new end-caps for screen, couplers and bolts, internal cables, installation manual

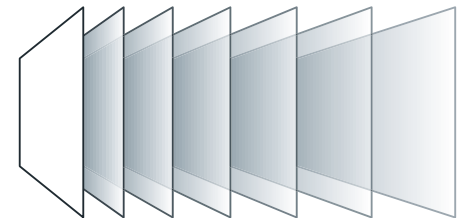


## 7 layers for up to 10 times more contrast

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

- > Unique 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°.
- > 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 o8-85 screen material ISF approval.



# dnp Supernova™ Flex **General information**

## General information

|                            |        |       |
|----------------------------|--------|-------|
| Available screen material  |        | 08-85 |
| Peak gain                  |        | 0.8   |
| Horizontal half-gain angle | °      | 85    |
| Lens pitch                 | micron | 65    |

|                     |           |            |
|---------------------|-----------|------------|
| Drop                |           |            |
| Maximum drop length | m<br>feet | 1,5<br>5.0 |

|                           |   |                                   |
|---------------------------|---|-----------------------------------|
| Electricity               |   |                                   |
| Power                     |   | 100-240 VAC, 50/60 Hz, 100 W max. |
| Standby power consumption | W | 7.0                               |
| Power cord                |   | 3-pin with earth/ground           |

|                           |          |                 |
|---------------------------|----------|-----------------|
| Operating environment     |          |                 |
| Temperature               | °C<br>°F | 10-40<br>50-104 |
| Humidity (non-condensing) | %RH      | 10-70           |

|                 |           |               |               |
|-----------------|-----------|---------------|---------------|
| Screen controls |           |               |               |
| Standard        | IR Remote | RS-232 serial | 5-12V trigger |

Included in the package  
 Screen, programmable IR remote control, power cord, wall mounts, installation manual (EN), user manual (EN)

Certificates

Awards  
 dnp optical screens have won numerous awards including the Best Buzz Award at InfoComm in 2005 and 2006, Honoree Awards at CES in 2006, 2007 and 2008, and the Exclte award at CEDIA US 2007.