

# SUPERNOVA™ FLEX

Supernova™



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. At the touch of a button, the Supernova Flex rolls up into its elegant housing, out of the way but readily available for its next use.

## Now you see it. Now you don't

**Supernova technology** 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 completely passive front surface, the Supernova Flex is the ideal choice for home entertainment. The Supernova Flex is one of only a few screens in the world to have earned ISF approval.

**Less space, more convenience** The unique, patented design of the retractable Supernova Flex makes Supernova front projection screens even more accessible. The Supernova Flex exits and enters its sleek housing quickly and easily, simultaneously providing a safe place to store the screen.

The screen cover 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.

FRONT

PROJECTION

SCREENS

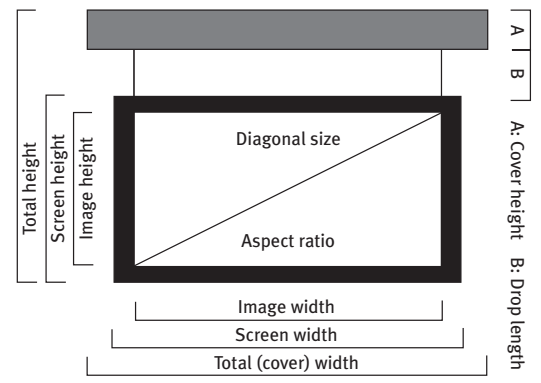


- ❖ Optical front projection
- ❖ Projection in brightly lit surroundings
- ❖ Quickly and easily retractable
- ❖ Easy installation
- ❖ Compatible with all standard projectors
- ❖ Compatible with all standard main voltages and plugs for usage worldwide
- ❖ Market's best black level
- ❖ Ultra-wide viewing angles suitable for broad seating up to +/- 80° half-gain angle
- ❖ Superior uniformity – no bright spots or dark corners
- ❖ No shimmer – completely passive surface; see the image, not the screen
- ❖ Full-colour balance conservation for up to +/- 80° half-gain angle
- ❖ ISF-approved

PRODUCT DETAILS										
Aspect ratio	4:3 format			16:9 format				Cinemascope format (2.35:1)		
Screen size	72"	84"	100"	72"	84"	92"	100"	84"	100"	
Product no.	5 072 5 000 00	5 084 5 000 00	5 100 5 000 00	5 072 6 000 00	5 084 6 000 00	5 092 6 000 00	5 100 6 000 00	5 084 8 000 00	5 100 8 000 00	
<b>IMAGE AREA</b>										
Width	mm	1463	1707	2032	1594	1860	2037	2214	1963	2337
Height	mm	1097	1280	1524	897	1046	1146	1245	835	995
Width	inch	57.6	67.2	80.0	62.8	73.2	80.2	87.2	77.3	92.0
Height	inch	43.2	50.4	60.0	35.3	41.2	45.1	49.0	32.9	39.2
<b>COVER DIMENSIONS</b>										
Width	mm	1937	2181	2506	2068	2334	2511	2688	2438	2812
Height	mm	221	221	221	221	221	221	221	221	221
Width	inch	76.3	85.9	98.7	81.4	91.9	98.9	105.8	96.0	110.7
Height	inch	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
<b>SCREEN DIMENSIONS (INCLUDING FRAME)</b>										
Width	mm	1608	1852	2177	1739	2004	2182	2359	2108	2482
Height	mm	1199	1382	1626	999	1148	1248	1347	938	1097
Width	inch	63.3	72.9	85.7	68.5	78.9	85.9	92.9	83.0	97.7
Height	inch	47.2	54.4	64.0	39.3	45.2	49.1	53.0	36.9	43.2
<b>DROP</b>										
Maximum drop length	mm	1541	1541	1541	1541	1541	1541	1541	1541	1541
Total maximum height	mm	2961	3144	3387	2760	2909	3009	3109	2699	2858
Maximum drop length	inch	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
Total maximum height	inch	116.6	123.8	133.4	108.7	114.5	118.5	122.4	106.3	112.5
<b>WEIGHT</b>										
Net (screen)	kg	18.8	20.9	23.7	19.8	22.1	23.6	25.1	23.0	26.2
Gross (screen+packaging)	kg	24.7	27.4	30.9	26.0	28.9	30.8	32.7	30.0	34.0
Net (screen)	lbs	41.4	46.1	52.2	43.7	48.7	52.0	55.3	50.7	57.8
Gross (screen+packaging)	lbs	54.5	60.4	68.1	57.3	63.7	67.9	72.1	66.1	75.0
<b>PROJECTOR INFORMATION</b>										
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	1.5:1	1.5:1
Minimum projection distance	mm	2195	2560	3048	2391	2789	3055	3321	2945	3506
	inch	86.4	100.8	120.0	94.1	109.8	120.3	130.7	115.9	138.0

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

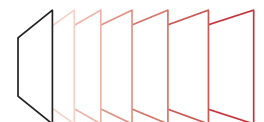
GENERAL INFORMATION										
<b>MOUNTING</b>										
Distance from screen to wall: (Standard)	mm	20								
	inch	0.8								
Wall clearance spacer: (Optional)	mm	25	50	100						
	inch	1.0	2.0	3.9						
<b>COVERS</b>										
Standard cover designs: (Product no. 5 000 5)	Black	White	Brushed aluminium	Maplewood	Cherrywood					
Material:	Powder-coated	Powder-coated	HPL*	HPL*	HPL*					
	* High Pressure Laminate									
<b>ADDITIONAL INFORMATION</b>										
Power:	96-246 VAC, 47-63 Hz, 100 W max.									
Standby power consumption:	7 W									
Humidity range:	10-70% RH									
Temperature range:	10-40°C (50-104°F)									
<b>SCREEN CONTROLS</b>										
Standard:	IR Remote	RS-232 serial	5-12 V trigger							
Optional:	WiFi	Ethernet								



## 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 Flex ISF approval.