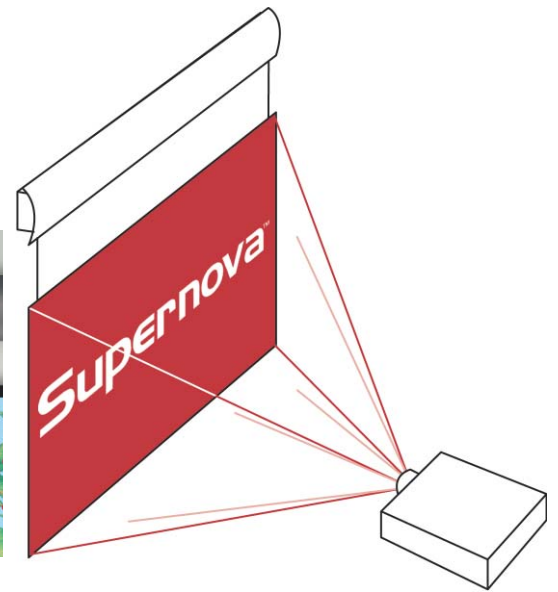


dnp optical front screen

Supernova™

– Supernova™ Flex



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.

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.

Combined with a completely passive front surface, Supernova Flex is the ideal choice for home entertainment.

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

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.

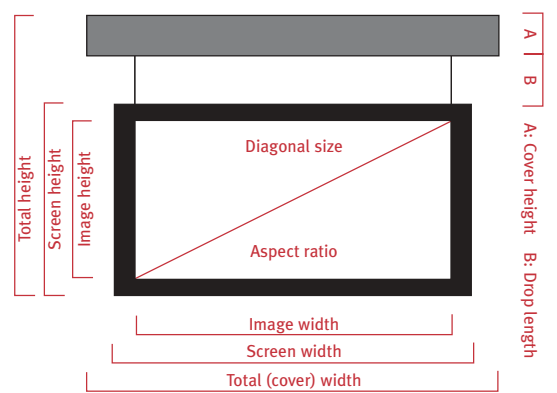
The screen cover comes in a variety of designs and sizes to fit discreetly into any room. Suspended by durable wires, the Supernova Flex is easy to adjust vertically and can be rolled down over an existing wall hanging such as a painting or flat screen television.

- Optical front projection
- Projection in brightly lit surroundings
- Quickly, easily and quietly 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 +/- 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 +/- 80° half-gain angle

Screen specifications – Supernova™ Flex

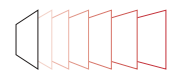
Aspect Ratio	1.33:1 (4:3 format)						1.78:1 (16:9 format)				2.35:1 (Cinemascope format)							
	72"			84"			72"		84"		92"		100"		84"		100"	
	Size	72"	84"	100"	72"	84"	92"	100"	84"	100"	84"	100"	84"	100"	84"	100"		
Cat. no.	5 072 5 000 00	5 084 5 000 00	5 100 5 000 00	5 072 6 000 00	5 084 6 000 00	5 092 6 000 00	5 100 6 000 00	5 084 8 000 00	5 100 8 000 00	5 084 8 000 00	5 100 8 000 00	5 084 8 000 00	5 100 8 000 00	5 084 8 000 00	5 100 8 000 00	5 084 8 000 00	5 100 8 000 00	
Image area																		
Width	mm	1463	1707	2032	1594	1860	2037	2214	1963	2337	mm	1463	1707	2032	1594	1860	2037	2214
	inch	57.6	67.2	80.0	62.8	73.2	80.2	87.2	77.3	92.0	inch	57.6	67.2	80.0	62.8	73.2	80.2	87.2
Height	mm	1097	1280	1524	897	1046	1146	1245	835	995	mm	1097	1280	1524	897	1046	1146	1245
	inch	43.2	50.4	60.0	35.3	41.2	45.1	49.0	32.9	39.2	inch	43.2	50.4	60.0	35.3	41.2	45.1	49.0
Cover dimensions																		
Width	mm	1938	2182	2507	2069	2335	2512	2689	2439	2812	mm	1938	2182	2507	2069	2335	2512	2689
	inch	76.3	85.9	98.7	81.5	91.9	98.9	105.9	96.0	110.7	inch	76.3	85.9	98.7	81.5	91.9	98.9	105.9
Height	mm	246	246	246	246	246	246	246	246	246	mm	246	246	246	246	246	246	246
	inch	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	inch	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Screen dimensions (incl. frame)																		
Width	mm	1608	1852	2177	1739	2005	2182	2359	2108	2482	mm	1608	1852	2177	1739	2005	2182	2359
	inch	63.3	72.9	85.7	68.5	78.9	85.9	92.9	83.0	97.7	inch	63.3	72.9	85.7	68.5	78.9	85.9	92.9
Height	mm	1203	1386	1630	1002	1152	1251	1351	941	1100	mm	1203	1386	1630	1002	1152	1251	1351
	inch	47.4	54.6	64.2	39.5	45.3	49.3	53.2	37.0	43.3	inch	47.4	54.6	64.2	39.5	45.3	49.3	53.2
Drop																		
Maximum drop length	mm	1448	1448	1448	1448	1448	1448	1448	1448	1448	mm	1448	1448	1448	1448	1448	1448	1448
	inch	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	inch	57.0	57.0	57.0	57.0	57.0	57.0	57.0
Total maximum height	mm	2897	3080	3323	2696	2845	2945	3045	2635	2794	mm	2897	3080	3323	2696	2845	2945	3045
	inch	114.0	121.2	130.8	106.1	112.0	115.9	119.9	103.7	110.0	inch	114.0	121.2	130.8	106.1	112.0	115.9	119.9
Weight																		
Screen	kg	18.8	20.9	23.7	19.8	22.1	23.6	25.1	23.0	26.2	kg	18.8	20.9	23.7	19.8	22.1	23.6	25.1
	lbs	41.4	46.0	52.2	43.7	48.8	52.1	55.4	50.6	57.7	lbs	41.4	46.0	52.2	43.7	48.8	52.1	55.4
Packaging	kg	5.9	6.5	7.2	6.2	6.8	7.2	7.6	7.0	7.8	kg	5.9	6.5	7.2	6.2	6.8	7.2	7.6
	lbs	13.1	14.2	15.8	13.7	15.0	15.8	16.7	15.5	17.3	lbs	13.1	14.2	15.8	13.7	15.0	15.8	16.7
Projector information																		
Minimum lens throw ratio		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		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	mm	2195	2560	3048	2391	2789	3055	3321
	inch	86.4	100.8	120.0	94.1	109.8	120.3	130.7	115.9	138.0	inch	86.4	100.8	120.0	94.1	109.8	120.3	130.7

Distance from screen to wall	mm	20					
	inch	0.8					
Wall clearance spacer	mm	25	50	100			
	inch	1.0	2.0	3.9			
Standard cover designs	Brushed aluminium	Black	White	Maple wood	Cherry wood		
Cat no. 5 000 5							
Material	HPL*	Powder-coated	Powder-coated	HPL*	HPL*		
Additional information							
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)						
Screen controls							
Standard:	1. IR Remote	2. RS-232 serial	3. 5-12 V trigger				
Optional:	1. WiFi	2. 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
- Black colour layer that sets new standards for colour reproduction
- Technologically advanced reflection layer for revolutionary half-gain angles up to +/- 80°
- Hard surface coating for screen scratch resistance and easy handling and a no-shimmer image

* High-Pressure Laminate