dnp Supernova™ **Flex Classic**

The dnp Supernova Flex Classic is a traditional version of the award-winning dnp Supernova Flex Screen.

It offers the superior optical performance of a Supernova Flex Screen in a classic, retractable design.

dnp optical front projection screens

If you are looking for a flexible AV solution for meeting rooms and home entertainment, dnp Supernova Flex Classic is the answer. It combines revolutionary Supernova Screen technology with a proven design concept. Unlike the high-end dnp Supernova Flex Screen, which is suspended by wires, the Classic version is mounted with dark grey drop above the image area, allowing the retractable screen to be rolled down to the desired height.

dnp Supernova Flex Classic is fitted with high-contrast filters that absorb ambient light and deliver exceptionally clear images even in brightly lit surroundings – eliminating the need to darken the room. The screen is therefore ideal for bright meeting rooms and home entertainment applications in living rooms, which are often designed to maximize natural light.

The screen is operated from a remote control, and the noiseless electrical motor ensures that it slides up into its sleek housing quickly and easily.

The screen comes with a white housing, which can be mounted onto the wall or ceiling. It is easy to install, compatible with all standard projectors and comes with a IR remote control for easy operation.

> Retractable optical dnp Supernova Screen in classic design
> For on-wall or ceiling mounting
> Front projection for environments with high ambient light
> Best-in-class black-levels and perfect colour balance
> High brightness uniformity
> Noiseless retraction
> Easy IR remote control operation + potential free contact closure (via RJ45 socket)
> ISF-certified screen material
> 4K compatible

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	★ ★ ★ ★

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Specifications

Product details

Aspect ratio Screen size		16:10 format		16:9 format	
		100"	110"	100"	120"
Part no.	230V	545 11 100 321	545 11 110 321	545 11 100 121	545 11 120 121
Image area					
Width	mm	2154	2348	2214	2612
Height	mm	1346	1467	1245	1469
Area	m2	2.90	3.45	2.76	3.84
Width	inches	84.8	92.4	87.2	102.8
Height	inches	53.0	57.8	49.0	57.9
Area	ft2	31.2	37.1	29.7	41.3
Housing dimensions					
Width	mm	2447	2638	2507	2905
Height	mm	95	95	95	95
Depth	mm	95	95	95	95
Width	inches	96.3	103.8	98.7	114.4
Height	inches	3.7	3.7	3.7	3.7
Depth	inches	3.7	3.7	3.7	3.7
Shipping dimensions					
Length	mm	2770	2990	2990	3220
Height	mm	270	270	270	270
Width	mm	200	200	200	200
Length	inches	109.1	117.7	117.7	126.8
Height	inches	10.6	10.6	10.6	10.6
Width	inches	7.9	7.9	7.9	7.9
Weight					
Screen (net)	kg	14	15	14	16
Shipping (gross)	kg	21	23	21	24
Screen (net)	lbs	31	33	31	34
Shipping (gross)	lbs	46	51	46	52
Projection information					
Minimum lens throw ratio	ltr	1.5:1	1.5:1	1.5:1	1.5:1
Minimum projection distance	mm	3231	3522	3321	3918
	ft	10.6	11.6	10.9	12.9

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

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General information

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

Drop		Standard	Max. (custom)
Maximum drop length	mm	400	700
Maximum drop length	inches	15.7	27.6

Masking frame			
Width	mm	50	
Width	inches	2.0	

Screen controls

Standard	IR remote control + potential free contact closure (via RJ45 socket)

Motor options	Voltage (V~)	Freq. (Hz)	Power (W)	Current (A)	Speed (rpm)
Option 1	220-240	50	98	0.85	28

Operating environment

Temperature	°C	10-40
Temperature	°F	50-104
Humidity (non-condensing)	%RH	10-70

Housing

Colour	White
Material	Aluminium

Mounting		to screen	to bottom bar
Distance from wall	mm	26	13
	inches	1.0	0.5

Included in the package

Screen, IR remote control, power cord without plug, wall mounts, product guide

Compatibility/Certificates

Awards

dnp optical screens have won numerous awards including the Best Buzz Award at InfoComm, Honoree Awards at CES and the Exc!te award at CEDIA US 2007.

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