dnp Supernova™ **Flex Classic**

Up to 120"

The dnp Supernova Flex Classic is a motorized screen that offers the superior optical performance of Supernova screens 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. The Supernova Flex Classic 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	★ ★ ★ ★ ★
Education	★ ★ ★ ★ ★ ★

Supernova™

Supernova™ is a registered trademark of dnp denmark as

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dnp Supernova™ Flex Classic

Specifications

Product details

Aspect ratio		16:10 format		16:9 format	
Screen size		100"	110"	100"	120"
Part no.	230V / 50Hz	545 11 100 322	545 11 110 322	545 11 100 122	545 11 120 122
Part no.	120V / 60Hz	545 11 100 312	545 11 110 312	545 11 100 112	545 11 120 112

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	2614	2808	2674	3072
Height	mm	95	95	95	95
Depth	mm	95	95	95	95
Width	inches	102,9	110.5	105.3	121.0
Height	inches	3.7	3.7	3.7	3.7
Depth	inches	3.7	3.7	3.7	3.7

Shipping dimensions

Length	mm	2990	3210	3210	3400
Height	mm	247	247	247	247
Width	mm	190	190	190	190
Length	inches	117.7	126.4	126.4	133.9
Height	inches	9.7	9.7	9.7	9.7
Width	inches	7.5	7.5	7.5	7.5

Weight

Screen (net)	kg	14	15	14	16
Shipping (gross)	kg	21	23	22	24
Screen (net)	lbs	31	33	31	34
Shipping (gross)	lbs	46	51	49	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		Std.	
Drop length	mm	400*	* Lower screen fully for best flatness.
Drop length	inches	15,7*	

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)	Torque (N)
230 V	220-240	50	121	0.53	28	6
120 V	110-130	60	102	0.85	33	6

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.