



## dnp optical front projection screens

Now you can watch all your movies in the format the director intended – the Supernova Epic supports all film formats up to ultra-wide Cinemascope 2.4:1. The elegant black velvet masking system silently glides into place to maintain a constant image height and eliminate the visibility of black bars. And the velvet curtains glide open and shut completely at the screening's start and finish. The ultimate in home theatre screens, the Supernova Epic features a curved screen surface to enhance the perceived depth and uniformity of the image. The result: a high-quality, dynamic viewing experience, day or night.

Created using award-winning Supernova Screen technology, the Supernova Epic features high-contrast filters that enable the projected image to be optimally reflected from the screen. With its advanced layer of lenses, it actively combats retro-illumination – where light from the screen image is reflected back onto the screen from the room. The screen renders images in 100% neutral colour for superior, realistic colour reproduction and has a completely passive, shimmer-free front surface. The Supernova Epic comes in sizes from 96" to 156" and can be ordered in custom sizes as well.

Only the best is good enough for your home. The perfectly curved Supernova Epic combines Supernova's ISF-approved optical screen technology with the best of "real" cinemas. Viewers get swept into the action. An electronically controlled masking system adjusts screen width to fit any movie format. Velvet curtains glide open at the screening's start and shut completely at the end. The experience is epic.

- > Genuine cinematic experience
- > Dark as well as bright room performance
- > Silent, electronically controlled masking system for constant image height and all aspect ratios
- > Curtains shut completely
- > Standard formats pre-programmed 4:3, 16:9, 1.85:1, 2.35:1, 2.40:1 plus the ability to customise formats
- > Curved, smooth screen enhances viewing experience
- > No gap between screen and curtains means no shadows on the screen
- > Completely colour neutral, shimmer-free screen
- > Supreme black levels, precisely calibrated brightness levels
- > Accommodates all viewing angles
- > ISF-certified screen material
- > Winner of the Exclte award at CEDIA US 2007

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™ Epic Specifications

## Product details

Aspect ratio		Fully adjustable from closed to 2.40:1						
Screen size (in 2.40:1 format)		Tolerance	96"	108"	120"	132"	144"	156"
<b>Image area</b>								
Width	mm	(+/- 4)	0-2251	0-2532	0-2814	0-3095	0-3376	0-3658
Height	mm	(+/- 2.5)	938	1055	1172	1290	1407	1524
Width	inch	(+/- 0.15)	0-88.6	0-99.7	0-110.8	0-121.9	0-132.9	0-144.0
Height	inch	(+/- 0.1)	36.9	41.5	46.2	50.8	55.4	60.0
<b>Screen dimensions (including frame)</b>								
Width	mm	(+/- 4)	2652	2933	3215	3499	3780	4062
Height	mm	(+/- 2.5)	1208	1325	1442	1559	1676	1793
Depth	mm	(+/- 2.5)	285	285	285	310	310	310
Width	inch	(+/- 0.15)	104.5	115.6	126.7	137.8	148.8	159.9
Height	inch	(+/- 0.1)	47.6	52.2	56.8	61.4	67.0	70.6
Depth	inch	(+/- 0.1)	11.2	11.2	11.2	12.2	12.2	12.2
<b>Curving radius</b>								
R	m		9.1	9.1	9.1	12.2	12.2	12.2
R	ft		30.0	30.0	30.0	40.0	40.0	40.0
<b>Shipping dimensions (assembled)*</b>								
Length	mm		2840	3120	3400	3680	4000	4250
Height	mm		1460	1490	1730	1900	2000	2100
Width	mm		800	800	800	800	800	800
Length	inch		111.8	122.8	133.9	144.9	157.5	167.3
Height	inch		57.5	58.7	68.1	74.8	78.7	82.7
Width	inch		31.5	31.5	31.5	31.5	31.5	31.5
<b>Weight (approximate)</b>								
Screen (net)	kg		105	115	125	135	145	155
Shipping, assembled (gross)	kg		225	248	275	300	350	370
Shipping, un-assembled (gross)	kg		275	298	325	350	400	420
Screen (net)	lbs		232	254	276	298	320	342
Shipping, assembled (gross)	lbs		496	547	606	661	772	816
Shipping, un-assembled (gross)	lbs		606	657	717	772	882	926
<b>Projection 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
Minimum projection distance**	mm		2501	2814	3126	3439	3751	4064
	ft		8.2	9.2	10.3	11.3	12.3	13.3

\*) Shipping dimensions un-assembled: Contact dealer

\*\*) Projection distance is based on 16:9 image width

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



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# dnp Supernova™ Epic **General information**

## General information

Available screen material		o8-85
Peak gain		0.8
Horizontal half-gain angle	°	85
Lens pitch	micron	65

### Cabinet

The outside of the cabinet is covered with tasteful black velvet

### Electricity

Standby power consumption	W	15
Power		100-240 VAC, 50/60 Hz, 100 W max.
Power cord		3-pin with earth/ground
Connection to controller		From below. Back left side (front view).

### Operating environment

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

### Screen controls

Standard	IR Remote	RS-232 serial	5-12V trigger
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### Included in the package

Screen, programmable IR remote control, power cord, user manual (EN), (assembly manual (EN))

### Optional

Wall mount brackets, Floor stand

### Certificates



o8-85 Screen material

### 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.

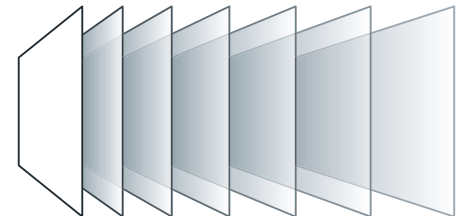


## 7 layers for up to 10 times more contrast

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.



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