

DPP



INDOOR & OUTDOOR FIXED

LIGHTWEIGHT

ROBUST

UNIVERSAL

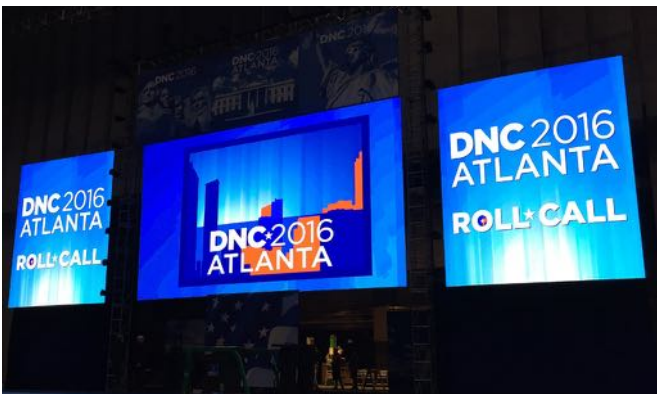


PLASTIC FANTASTIC

Ingenious lightweight panels formed from a polymer nano-material weighing in at just over 20Kg per sqm and utilising single bin/batch LEDs, MBI driver ICs and Neutrik etherCON/powerCON True1 connectors. With a range of accessories including variable angle couplers (VAC) for convex/concave screens, corner LED tiles for true right angled connections, triangle & rounded cornered tiles and the ability to use as an LED dance floor, banner system or stacked/hung screens.

Fully TUV CE certified and protected up to IP65, DPP is the most creative and flexible LED screen system on the market.

THE LED
SCREEN
EXPERTS



Introducing the digiLED lightweight screen system

For ultra lightweight applications, the digiLED DPP LED display system is a fast rig/derig solution for the rental market. Easy, no-tool installation makes it ideal for event application.

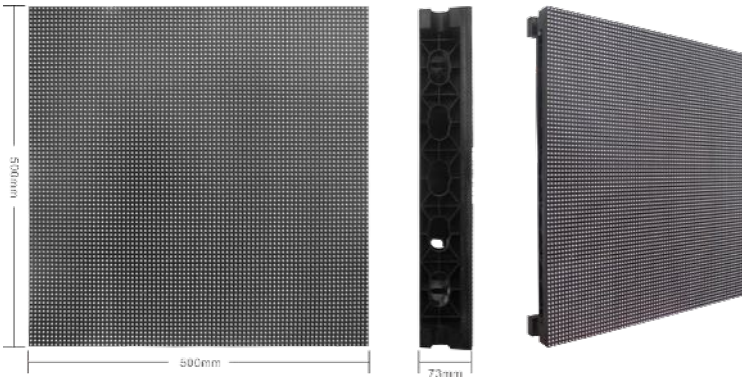
If you have to make alterations to the screen, then a panel can be quickly withdrawn or replaced in under one minute.

DPP has the ability to curve in any direction (convex or concave) up to 15 degrees. Each panel has its own in-built power and data connectors and clips for easy storage.

All you need for the rental market

- Ultra fast rig/derig of up to 100 panels per hour.
- IP65 protection on outdoor range.
- Fast maintenance.
- Lightweight and slim, to reduce installation costs.
- CE, TÜV, FCC certification.
- Nova control system compatible.
- Suspend up to 20 panels per 2 columns.
- Unique one twist lock mechanism and precision alignment.





		DPP3910oBF	DPP 4810oBF	DPP 5950o	DPP 6250o	DPP 7810o	DPP 8930o	DPP 10o
		3.9062	4.806	5.950	6.250	7.810	8.928	10.00
LED Type/Size		SMD1818	SMD1818	SMD2828	SMD2828	SMD3535	SMD3535	SMD3535
LED Face Colour		Total Black	Total Black	Black Body	Black Body	Black Body	Black Body	Black Body
Pixel Resolution (W/H)	pixels/panel	128/128	104/104	84/84	80/80	64/64	56/56	48/48
Panel Size (W x H X D)	mm	500 x 500 x 73						
Panel Area	m ²	0.25						
Panel Weight	kg	6.5	6.4	6.4	5.8	6	6	6
Viewing Angle (h/V)	degrees	160/120						
Ingress Protection (Fr/B)		IP65/IP54						
Surface Finish		Polymer cast plastic						
LED Fixings		rear access						
Processing Depth colours		14bit						
Refresh Rate	Hz	>1,920						
Brightness (Calibrated)	nits	>4,500	>4,500	>5,500	>5,500	>5,500	>5,500	>5,500
Contrast Ratio		6000:1						
Input Voltage	VAC	110/220						
Input Power (Average)	watts/m ²	190	240	280	320	260	180	320
Input Power (Maximum)	watts /m ²	632	720	840	960	760	520	960
Thermals	BTU	649	819	956	1092	888	615	1092
Thermal output (Fr/Bck)	%	30/70						
Control System		NovaStar						

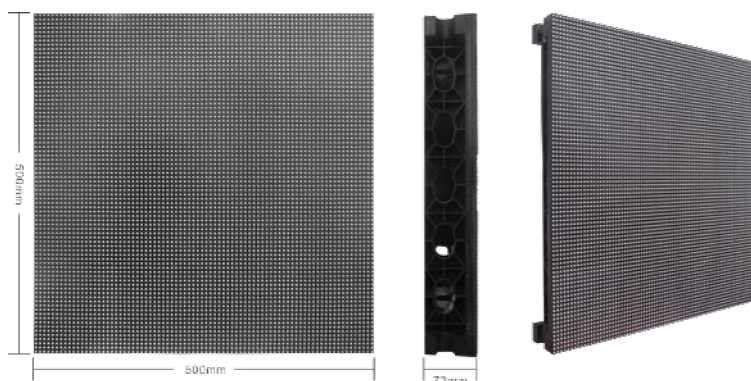
COUPLING DEVICES

Straight coupler (H x W x D)	mm	83 x 50 x 25
Straight coupler Weight	grammes	88
Variable angle coupler (H X W x D)	mm	83 x 65 x 141
Variable angle coupler Max angle	degrees	15
Variable angle coupler Weight	grammes	100
Hanging bar (W x H x D)	mm	420 x 30 x 50
Hanging bar Weight	kg	0.59

Certification	ETL, RoHS, FCC, CE, TUV, BV
Typical average malfunction rateper dot/panel	<0.00003

Brightness are subject to LED & driver IC selection - to be confirmed at the point of order.
 Peak (max.) input power figures are an approximation for guidance purposes only and should not be relied upon. Figures can change subject to LED type and brightness.
 Average figures are a typical assumption based on 30% of the peak value and may vary according to usage and media content shown.
 BTUs are based on average running over a typical period of time and for the entire screen panel (front & back combined) playing average content where the LEDs are not driven hard.
 All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order. E&OE.





		DPP 2840	DPP 3125	DPP 3910	DPP 4400	DPP 4810	DPP 5200
Pixel Pitch	mm	2.8409	3.125	3.9063	4.4643	4.8077	5.2083
Pixel Configuration		SMD2020	SMD2020	SMD2020	SMD2020	SMD2020	SMD3528
LED Face Colour		Total Black					
Pixel Resolution (H/V)	pixels/panel	176/176	160/160	128/128	112/112	104/104	96/96
Panel Size (H x W x D)	mm	500 x 500 x 73					
Standard Panel Area	m ²	0.25					
Panel Weight	kg	5.9	5.8	5.7	5.7	5.7	5.9
Viewing Angle (H/V)	degrees	160/140	160/120	160/120	160/120	160/120	160/120
Ingress Protection	(Fr/Bck)	IP50/IP50					
Surface Finish		Polymer cast plastic					
LED Fixings		rear access					
Processing Depth colours		14bit					
Refresh Rate	Hz	>1,920					
Brightness (Calibrated)	nits	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000
Brightness Control		Auto/Manual					
Input Voltage	VAC	110/220					
Input Power (Average)	watts/m ²	160	140	160	160	180	140
Input Power (Maximum)	watts /m ²	480	400	480	480	520	400
Thermals	BTUs	546	478	546	546	615	478
Thermal output (Fr/Bck)	%	30/70					

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Standard system accessories

- Easy coupling straight or variable angle.
- In-built Neutrik power and data cables.

HANGING BAR

Note: The bar can support up to 20 panels over 2 columns



VARIABLE ANGLE COUPLER

Note: up to 15deg concave or convex curving



STRAIGHT COUPLER (Short)

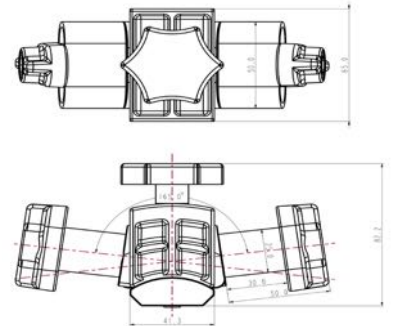
Note the twist lock. (holds the coupler in place and tightens panels together for a seamless surface).

Twist lock in open position



STRAIGHT COUPLER (Long)

Note the twist locks at both ends. (holds the coupler in place and tightens panels together for a seamless surface).



Twist lock in closed position



FRONT & REAR VIEW



NEUTRIK CONNECTORS





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THE LED
SCREEN
EXPERTS