

# Neodigm 84" Matrix Plasma Display

The PK8420, 84" Matrix Plasma Display, is the only display of its kind in the world. By utilizing zero-edge plasma technology, the PK8420 uses 4-42" plasma monitors to produce a virtually seamless display. The result is a high-resolution display with 1706 x 960 active pixels, with support for all HDTV resolutions and computer resolutions up to 1600 x 1200 (UXGA). The monitor has extremely high contrast, at over 3000:1. Results are accurate color reproduction, so displayed images are true-to-life. With a slim profile of just over 4", the Neodigm 84" Multi-PDP can be flush mounted to a wall, ceiling mounted or free-standing. Customized mounting solutions also are also available. RS-232C control is included for unattended or automated operation. The monitor operates silently, and runs on standard voltage-no special electrical wiring is necessary.

With a 3mm seam line, and an advanced Matrix Video Processor built-in, allows simultaneous multi-image displays using a computer, video or HDTV source. One, two, three or four images can be shown at one time for the true multimedia experience.



## PK8420

- 84" Matrixed Plasma
- 1706 x 960 Resolution
- 1000 cd/m<sup>2</sup> Brightness
- 3000:1 Contrast Ratio
- Built in Video Wall Processor
- 5 mm Seam Line

### Display Modes



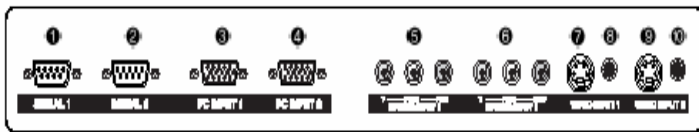
### Applications



## 84" Matrix Multi-PDP PK8420

### Features

- **Crystal Clear, Vivid Images**  
1706x960 resolution accepts virtually all video standards, NTSC, SECAM, PAL, digital comb filter, edge smoothing, motion adaptive de-interlace and noise reduction. 16:9 aspect ratio, use one, two three or all four monitor together or separately for a truly unique display experience.
- **Outstanding Brightness**  
The best in pixel technology allows for 1000 cd/m<sup>2</sup>. A contrast ratio of 3000:1 pushes this display to all new heights.
- **Multiple Input Options**  
A number of input options allow for use in any application. Inputs/outputs include Analog RGB, Component, Composite, Y/C (S-Video), DVI-D, RS-232 Control.
- **Easy to Use**  
Controlled by IR control, or through RS-232 input. Allows control by external devices for easy integration.
- **Built-in Video Wall Processor**  
Built in video wall processors allow units to be linked together easily. No need for a separate processing box here. Cut down on cost and get the latest in display technology.
- **Accessories**  
We offer an outstanding line of accessory products. We offer mounting solutions to fit any application. We also offer image transmitting solutions, which allow for units to be flipped vertically, instead of the traditional horizontal set-up. We will also personally find a solution to any application you can may need. No matter the need, we can find a way to make it work.
- **Unlike anything You've Seen Before**  
This is truly unlike anything you have seen before. Once you see it in person, you will be amazed at how incredible the images look.



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| <p><b>1. Serial connector 1</b><br/>- External communication input</p> <p><b>2. Serial connector 2</b><br/>- Software upgrade</p> <p><b>3. PC input 1</b><br/>- Computer analog video signal input</p> <p><b>4. PC input 2</b><br/>- Computer analog video signal input</p> | <p><b>5. DTV, DVD input 1</b><br/>- Y, Pb/Cb, Pr/Cr input for DTV, DVD</p> <p><b>6. DTV, DVD input 2</b><br/>- Y, Pb/Cb, Pr/Cr input for DTV, DVD</p> <p><b>7. S-VHS input 1</b><br/>- Y/C signal input</p> | <p><b>8. Composite video input 1</b><br/>- Composite video input</p> <p><b>9. S-VHS input 2</b><br/>- Y/C signal input</p> <p><b>10. Composite video input 2</b><br/>- Composite video input</p> |
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Product Name		PK8420
Screen Size		84"
Technology		PDP Quadroom (42" 2 x 2)
Description		84" Matrix Multi-PDP
Model Number		PK8420
Seam Size		<3mm
Plasma Display Panel	Aspect Ratio	16:9
	Resolution	1706 x 960
	Brightness	1000cd/m <sup>2</sup>
	Contrast Ratio	3000:1
	Screen Size (HxV)	78.78" x 46.85" 2001 x 1190mm
	Viewing Angle	>160o
	Displayable Colors	16.7 million
	Cell Pitch (HxV)	1.08x1.08mm
	Color Temperature	3200oK/6500oK/9300oK
	Inputs	Computer
Component		[2] Y,Cb/Pb,Cr/Pr,-BNC type
Composite		[2] CVBS- BNC type
Y/C (S-Video)		[2] 4-Pin Mini Din
Audio		[2] CVBX [2] Component [2] PC
Remote Control		IR Remote Control
Front Panel Controls		None
Video	Video Wall Processor	Built-in
	Display Formats	Multi Screen, Multi Input Display, One Big Display
	PC Formats	VGA/SVGA/XGA/SXGA (650x350~1600x1200)
	Features	NTSC/PAL/SECAM, Digital Comb Filter, Film/Video Mode, Edge Smooth, Motion Adaptive De-Interlace, Noise Reduction
Misc	RS-232C	Straight Cable (2,3,5), 9600~115200 BPS
	RS-232	Program download
	Accessories	Sold separately
	Features	Crisp Images, 4" Thin, No Bulb Replacement, Auto Alignment, Minimum Color Deviations, DIP Switch Address Selection
Input Voltage		100v AC, 50/60Hz Auto Selection
Power Consumption		300W (Max)
Dimensions	Size (WxHxD)	78.78" x 46.85" x 4.01" 2001 x 1190 x 101mm
	Weight	MDP Body Only 330 lbs (150kg)
Accessories	Optional	Mount Fixtures, Video Processors, Switches, WI-FI/TCP/IP Data/Images Transmitters Digital Signage Management System