maximum impact for your message

PlasmaSync® 84VP4

Whether its to catch up on world news, view flight information or entice purchases through special promotions, interchangeable messaging is the clear advantage of using dynamic signage.

The 84VP4 is 84"s of customizable presentation power.

Empowered by Innovation NEC

Add impact to your information.

NEC has bundled four PX42VP4's and the required wall mount for a huge display area of nearly 3000 square inches! That is a lot of viewing power. Add impact by running one source over the entire 84" display to capture your audience's attention. Or, supply critical meeting room schedules from your internal database, flight information from a second source all while world and local news stories are running. With the 84VP4's sophisticated timer/source programmability feature, the ability to control and customize your presentation is endless. With broad source compatibility from video to HD to RGB and the signal loop-out capability, sources can easily be looped from one monitor to the next for a customized presentation.

The PlasmaSync 84VP4 has an outstanding image quality of 1706x960 native resolution and a viewing angle up to 160°. You can be sure the message is seen and understood. An Auto ID feature allows for easy matrix setup and the added sophisticated video signal processing delivers super bright images, pure reds and saturated colors. A sleek new design with an ingenious cable management system makes it the perfect choice for hotel lobbies, retail environments, tradeshow exhibits and large venue applications.

The 84VP4 is maximum impact for your messaging.

Anti-Reflective (AR) filter (84VP4A)

Anti-Glare (AG) filter (84VP4D)

Digital AccuDevice

20% brighter

Cable management

Programmable timer

Motion compensated 3D scan conversion

3/2 pull down

Features

Convenient and sleek
The cabinet design allows for a small form PC to be attached solving the problem of source equipment location.

Fanless design for quiet operation
A fanless design for silent operation no matter what environment it is in.

Virtually self-operating
A programmable timer can be set up to virtually operate itself by setting power on/off, changing inputs and selecting AccuShield modes.

External control and self diagnostics
A complete set of RS232 commands allow monitor functions to be operated remotely via serial communications. In addition, operating problems can be identified and communicated via RS232 or front bezel LED lights through its self diagnostics system.

Core Technologies

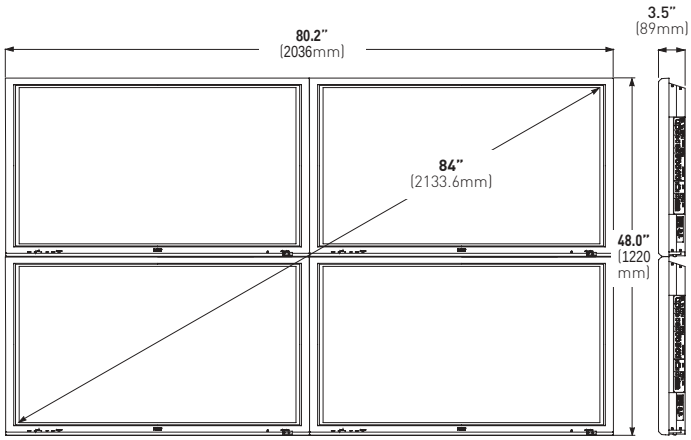
AccuShield™ phosphor protection
Your screen stays protected as it maximizes the useful life of the product with the most comprehensive set of built in modes including programmable Orbiter, Inverse RGB, All-White, Pixel Refresh and Brightness Limiter.

Advanced AccuBlend™
Scan conversion provides high quality scaling for non-native resolutions signals.

Capsulated Color Filter and AccuCrimson™
NEC 's patented technology ensures realistic color and it's further enhanced by AccuCrimson technology for the purest reds possible.

Our advanced menu system allows for precise color and image matching for a uniform 84" image.

PlasmaSync **84VP4**



Service and Support

The PlasmaSync 84VP4 is supported by NEC's industry leading service and support programs. It comes with a standard 1-year manufacturer's warranty plus an extended warranty option that provides two additional years of coverage and is available from your authorized NEC Visual Systems Division dealer.

For more information, call **(800) NEC-INFO**
or visit www.necvisualsystems.com

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All specifications subject to change without notice.

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Visual Systems Division
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Specifications

Model Number	PX-84VP4	
Diagonal Screen Size	84"	
Screen Aspect Ratio	16 to 9	
Active Screen Area	1842 mm x 1036 mm	
Native Pixel Resolution	1706 vertical dots x 960 horizontal rows	
Pixel Pitch	1.08 mm square	
Capsulated Color Filter	Yes	
Accucrimson	Yes	
Front Filter Type	AR - Anti-reflective or AG - Anti-glare	
Output color	256 RGB levels, 16.7 million colors	
Viewing Angle	160 degrees	
Horizontal Frequency Range	15.5 to 110.0 kHz auto, step scan	
Vertical Frequency Range	50 to120 Hz auto, step scan	
PC Signal Compatibility	VGA 640x480 @ 60,72,75,85,100, 120 Hz SVGA 800x600 @ 56, 60, 72,75,85,100,120 Hz XGA 1024x768 @ 60,70,75, 85, 100 Hz SXGA 1280x1024 @ 60, 75, 85, 100 Hz UXGA 1600x1200 @ 60, 65, 70, 75, 85 Hz WideVGA 848x480, 852 x 480 @ 60 Hz WideXGA 1360 x 765 @60 Hz	
Macintosh Compatibility	640x480, 832x624, 1024x768, 1152x870	
Video Signal Compatibility	PAL, SECAM, 3.58/4.43 NTSC	
HD Video Signal Compatibility	480p 480i, 525p, 525i, 540p, 625p, 625i, 720p,1035i, 1080i	
Input Terminals	RGB 1 (analog)	15-pin mini D-sub
	RGB 2 (analog)	5 BNC (RGB/HV) (common use with 5BNC Y/Pb/Pr input, selectable)
	RGB 3 (digital)	29-pin DVI (digital only)
	Video 1	Composite RCA x 1
	Video 2	Composite BNC x 1
	Video 3	S-Video 4-Pin DIN
	HD Video 1	1 set RCA Component (Y,Pb,Pr/Y,Cb,Cr)
	HD Video 2	1 set BNC Component (Y,Pb,Pr/Y,Cb,Cr) (common use with 5BNC Y/Pb/Pr input,selectable)
Audio	3 sets RCA stereo + external speaker jacks	
Audio	Internal amplifier, 8W x 2 output power	
External Control	9-pin mini D-Sub, RS232	
User Controls	Direct Access	Power on/off, input selection, volume up/down, OSM access, (Control Lock Switch located on input panel)
	Remote Control	Power on/off, input select, volume, mute, wide, display, off-timer, OSM control, cursor, pointer, zoom, auto, select
	OSM	Picture - Contrast, brightness, sharpness, color, tint, color temperature, white balance, picture mode, noise reduction, gamma, low tone and color tune
	Audio	bass, treble, balance and audio input
	Image Adjust	aspect ratio mode, vertical position, horizontal position, vertical height, horizontal width, fine picture, picture adjust, auto picture
	Option 1	OSM on/off, BNC Input, D-sub Input, RGB select, HD select, Input Skip, All Reset
	Option 2	Power Management, Cinema Mode, Long Life Mode
	Option 3	Timer, Pwr. On mode, Control Lock, IR Remote, Loop Out, ID Number, Video Wall, Advanced OSM, Language, Color System, Source
Information		
Plug & Play	DDC1, DDC2B (RGB3 is DDC2B only)	
Power Requirements	120V 50/60 Hz	
Power Consumption	1100 W Typical, 14.8 Amp Maximum	
Standby Power	0.9W each	
Dimensions (WxHxD)	80.2 x 48.0 x 3.5 inches, 2036 x 1220 x 89mm (without base)	
Weight	114.0 kg, 251.2 lbs.	
Environmental Considerations	Operating Temperature	32 - 104 degrees F (0 - 40 degrees C)
	Operating Humidity	20 - 80%
	Operating Altitude	0 - 9180 feet (0 - 2800m)
	Storage Temperature	14 - 122 degrees F (-10 - 50 degrees C)
	Storage Humidity	10 - 90%
	Storage Altitude	0 to 9840 feet (0 - 3000m)
Warranty	1 Year Parts & Labor Standard	
Regulatory	FCC Class A, UL1950, CSA950	
Included Accessories	AC Power Cord, User Manual, Remote Control, Batteries, Cable Clamps	
Optional Accessories	Terminal Cover	PX-CV1U

*Signal DA is required for sending a signal to more than 4 monitors simultaneously.