NEC MultiSync® P Series

23" | 24"

Widescreen, standard-gamut LCD displays ideal for graphics applications displays ideal for corporate environments

Designed with key features for the web graphics, online video and photography professional, the 23" NEC MultiSync P232W, 24" P241W and 24" P242W are smart investments for your desktop, while ensuring accurate, consistent and repeatable color performance.

Highlights

- **Best-in-class IPS LCD technology with wide viewing angle** provides optimum performance for displaying color images

- **Up to 96.8% sRGB coverage** reliably reproduces colors for the most desktop displays

- **Internal 14-bit 3D programmable lookup tables (LUTs)** allow the accurate display of up to 1.07 billion colors out of a palette of 4.3 trillion for lossless color and smooth images and hardware calibration

- **Built-in USB hub with DisplaySync Pro™** controls two computers with only one keyboard and mouse

- **Professional-grade LED* and CCFL backlight technologies** deliver long life

- **Every MultiSync P Series display is backed by a 4-year limited warranty** with 48-hour Advanced Exchange service

- **Multiple connectivity options**, including DisplayPort, HDMI*, DVI and VGA, allow connections from multiple types of devices

- **Four-way ergonomic stand** boasts pivot, swivel, tilt and height-adjustment up to 150mm to maximize your viewing comfort

- **Free MultiProfiler software** provides complete control over the five picture modes. This includes loading any ICC profile directly into the monitor for optimal color space matching.

- **ENERGY STAR® compliance** reduces electrical costs and lowers total cost of ownership (P242W only)

* HDMI input and LED backlight on select models

NEC Display Solutions
MultiProfiler

CUD
COLOR UNIVERSAL DESIGN

necdisplay.com **NEC**

Specifications for MultiSync P232W/P241W/P242W

MODEL	P232W	P241W	P242W
DISPLAY			
Panel Technology	IPS		
Viewable Image Size	23"	24.1"	
Aspect Ratio	16:9	16:10	
Native Resolution	1920 x 1080	1920 x 1200	
Pixel Pitch	0.265mm	0.27mm	
Pixels Per Inch	96 @ native resolution	93 @ native resolution	
Backlight Type	W-LED	CCFL	
Brightness (typical)	250 cd/m²	360 cd/m²	350 cd/m²
Contrast Ratio (typical)	1000:1		
Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10		
Response Time (typical)	8ms		
Color Gamut*			
Adobe RGB Coverage/Size**	75.2% / 75.3%	75.2% / 75.6%	75.2% / 75.3%
NTSC Coverage/Size	70.7% / 72%	71.4% / 72.2%	70.7% / 72.0%
sRGB Coverage/Size	96.8% / 101.6%	96.7% / 102%	96.8% / 101.6%
Lookup Table	14-bit 3D		
Displayable Colors	1.07 billion out of 4.3 trillion	16.7 million out of 1.05 billion	
Synchronization Range			
Horizontal (Analog/Digital)	31.5-83/118.4 kHz	31.5-93.8/118.4 kHz	31.5 kHz-93.8 kHz and 118.4 kHz / 30-135 kHz
Vertical	50-85 Hz		
Input Signal			
Video	Analog RGB 0.7 Vp-p/75 Ohms		
Sync	Separate Sync: TTL Level (Positive/Negative); Composite Sync: TTL Level (Positive/Negative); Composite Sync on Green: (0.3Vp-p negative 0.7Vp-p positive)		
Input Connectors	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub	DisplayPort, DVI-D (2), VGA 15-pin D-sub	DisplayPort, DVI-D, HDMI, VGA 15-pin D-sub, USB hub (2 up/ 3 down) with DisplaySync Pro
POWER CONSUMPTION			
On (typical)	29W	95W	30W
Power Savings Mode (typical)	0.3W	1W	0.2W
PHYSICAL SPECIFICATIONS			
Dimensions (WxHxD)			
Net (with stand)	21.4 x 14.9-20.8 x 9 in. / 543.6 x 338-488 x 227.6mm	21.9 x 14.9-20.8 x 9 in. / 556.3 x 378.5-528.3 x 228.6mm	21.9 x 14.9-20.8 x 9 in. / 556.3 x 378.5-528.3 x 228.6mm
Net (without stand)	21.4 x 12.7 x 2.9 in. / 543.6 x 322.4 x 74mm	21.9 x 14.3 x 3.3 in. / 556.3 x 363.2 x 83.8mm	21.9 x 14.3 x 3.3 in. / 556.3 x 363.2 x 83.8mm
Weight			
Net (with stand)	20.3 lbs. / 9.2 kg	23.8 lbs. / 10.8 kg	22.5 lbs. / 10.2 kg
Net (without stand)	TBD	16.8 lbs. / 7.6 kg	15.0 lbs. / 6.8 kg
VESA Hole Configuration	100 x 100mm		
ENVIRONMENTAL CONDITIONS			
Operating Temperature	41-95°F / 5-35°C		
Operating Humidity	30 - 80%		20-80%
Operating Altitude	6562 ft. / 2000m		16404 ft. / 5000m
Storage Temperature	14-140°F / -10-60°C		
Storage Humidity	10-85%		
Storage Altitude	40,000 ft. / 12,192m		
LIMITED WARRANTY	4 years parts and labor, including backlight***		
ADDITIONAL FEATURES	ECO Mode; Carbon footprint meter; Thin frame; Tilt; Swivel; Pivot; Height-adjustable stand with locking base; Quick release stand; Carrying handle; Rapid Response; Ambix4; XtraView+; OSD user controls; MultiProfiler software; USB hub (2 up/3 down) with DisplaySync Pro; Cable management; Touch-integratable; VESA mount; HDCP; DDC/CI; No Touch Auto Adjust; 14-bit 3D LUT; Black Level adjustment; AmbiBright; sRGB; CableComp; TileMatrix; TileComp; GammaComp MD QA software-ready; SpectraView software-ready		
SHIPS WITH	Power cord; 15-pin D-sub cable; DVI-D cable; USB cable; DisplayPort cable; Mounting Screws		Power cord, DisplayPort cable, DVI-D cable, USB A to B cable, Setup Manual, GammaCompMD QA CD
OPTIONAL ACCESSORIES	SpectraView₁₁ Color Calibration Kit (SVII-PRO-KIT); Color calibration sensor (MDSVSENSOR3); SpectraView software (SVIISOFT); Multimedia soundbar (SOUNDBARPRO); Hood (HDPA23)	SpectraView₁₁ Color Calibration Kit (SVII-PRO-KIT); Color calibration sensor (MDSVSENSOR3); SpectraView software (SVIISOFT); Multimedia soundbar (SOUNDBARPRO); Hood (HDPA212426)	

* Color gamut size and coverage calculated as 2-D gamut area in CIE 1931 xy colorspace. Size is the total relative display gamut area and includes any colors outside the reference gamut. Coverage is the relative display gamut area contained inside the reference gamut. NTSC values provided for comparison purposes - modern broadcast video uses SMPTE-C, ITU-R BT, 709-5/sRGB or EBU primatries.
** AdobeRGB is a standard defined by Adobe Systems Incorporated.
*** Warranty restrictions apply. Contact your representative for details.

Available as an option for the MultiSync P Series, the SpectraView₁₁™ system uses a color sensor to take color measurements of the display screen during calibration. The software analyzes these measurements and sends color adjustment commands directly to the display monitor. This means that color adjustments are made in the monitor rather than in the video graphics adapter, resulting in full use of the number of colors available on the graphics adapter and a much brighter image with the maximum possible color, resolution and fidelity.

The MultiSync P Series design allows you to adjust the displays to your exact ergonomic preferences. In addition to tilt and swivel functionality, the height adjusts up to 150mm, and the displays pivot between landscape to portrait orientations.

NEC Display Solutions
500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

necdisplay.com

NEC

Legacy Technology Services

We Rent & Sell All Types Of Barcode Equipment

Call now to talk to an expert
866-271-9891

www.LegacyGlobal.com

Some brands we carry

About us
- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.

- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers
- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services
- Legacy is one of the best repair facilities in North America

Discontinued product sourcing
- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services
- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

Dedicated client account team
- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services
- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.

Legacy, Inc.,
160 West Road,
Ellington, CT 06029

Toll Free: 866-271-9891
Fax: 888-522-4684