\Orchestrating a brighter world

NEC

4:3 standard gamut LCD display ideal for professional applications

NEC MultiSync® P212

24/7 performance in a 4:3 display.

The 21" MultiSync P212 utilizes a 1600x1200 long life IPS LCD panel to deliver consistent color all hours of the day.

Powered by the NEC-designed SpectraView engine, the P212 offers accurate color and fully customizable presets to meet any color needs. In addition, the P212 includes a wide array of connectivity to work with both new and existing configurations.

Highlights

- 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 3 port USB 3.0 hub provides connectivity for the latest devices
- Professional-grade backlight technologies help deliver a long display life, including 24/7 usage, and are backed by a 4-year limited warranty with 48-hour Advanced Exchange service
- AmbiBright™ ambient light sensor automatically adjusts the display's brightness based on lighting conditions
- Multiple connectivity options, including DisplayPort, HDMI, DVI and VGA, for connecting most devices
- Free MultiProfiler software provides complete control over the five picture modes, including loading any ICC profile directly into the monitor for optimal color space matching

NEC Display Solutions
MultiProfiler

CUD
COLOR
UNIVERSAL
DESIGN

MODEL	P212
DISPLAY	
Panel Technology	IPS
Viewable Image Size	21"
Aspect Ratio	4:3
Native Resolution	1600 x 1200
Pixel Pitch	0.27mm
Pixels Per Inch	94 @ native resolution
Backlight Type	W-LED
Brightness (typical)	440 cd/m²
Contrast Ratio (typical)	1500:1
Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Response Time (typical)	8ms
Color Gamut*	
Adobe RGB Coverage/Size**	TBD
NTSC Coverage/Size	TBD
sRGB Coverage/Size	TBD
Lookup Table	14-bit 3D
Displayable Colors	1.07 billion out of 4.3 trillion
Synchronization Range	
Horizontal (Analog/Digital)	31.5-94.0/99.5 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);
Input Connectors	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub
POWER CONSUMPTION	
On (typical)	26W
Power Savings Mode (typical)	0.5W
PHYSICAL SPECIFICATIONS	
Dimensions (WxHxD)	
Net (with stand)	18.4 x 14.7-20.7 x 9.0 in. / 466.4 x 374.6-524.6 x 227.6mm
Net (without stand)	18.4 x 14.1 x 2.5 in. / 466.4 x 359.0 x 63.9mm
Weight	
Net (with stand)	17.6 lbs. / 8.0 kg
Net (without stand)	10.6 lbs. / 4.8 kg
VESA Hole Configuration	100 x 100mm
ENVIRONMENTAL CONDITIONS	
Operating Temperature	41-95°F / 5-35°C
Operating Humidity	20 - 80%
Operating Altitude	16,404 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	Carbon footprint meter; Tilt; Swivel; Pivot; Height-adjustable stand with locking base; Quick release stand; Carrying handle; Rapid Response; Ambix4; XtraView+; OSD user controls; MultiProfiler software; USB 3.0 hub; 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	CD with User's Manual, Setup Sheet, Power cord; DVI-D cable; USB 3.0 cable; DisplayPort cable; Mounting Screws

* 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 primaries.

** AdobeRGB is a standard defined by Adobe Systems Incorporated.

*** Warranty restrictions apply. Contact your representative for details.

Available as an option for the MultiSync P212, the SpectraView(II)™ 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 P212 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.

Optional Acessories

SpectraView(II) Color Calibration Kit
(SVII-PRO-KIT)

Color calibration sensor
(MDSVSENSOR3)

SpectraView software
(SVIISOFT)

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