

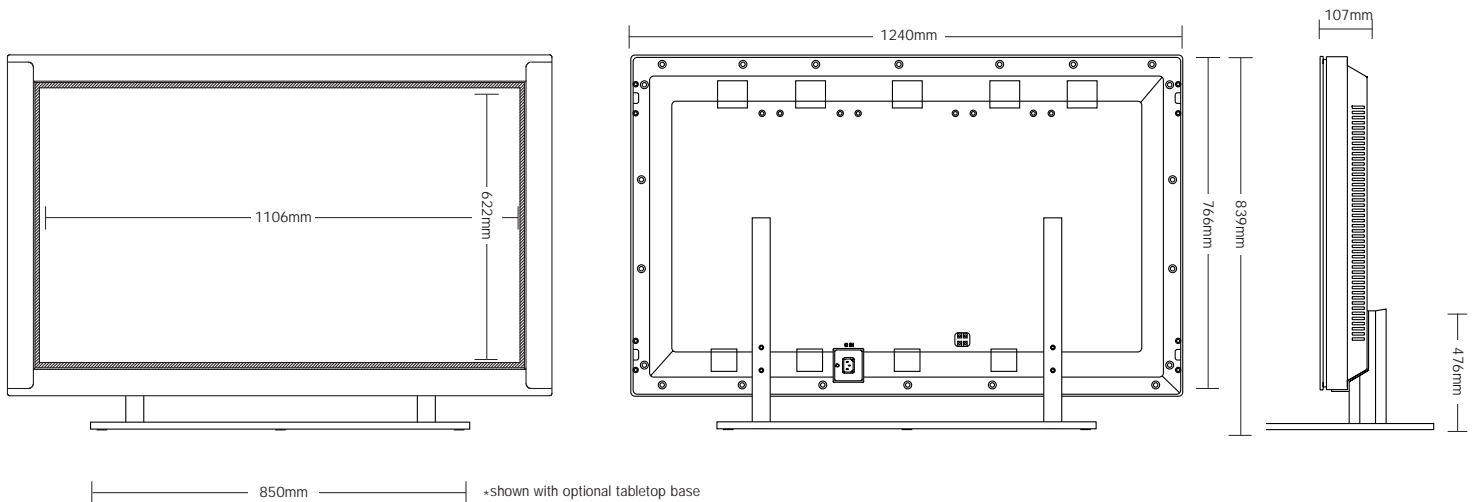
PlasmaSync® 5000W



Capsulated Color Filter™ technology delivers realistic color

AccuColor® control system for accurate color adjustments

AccuBlend™ scan conversion technology for excellent high-resolution images



The PlasmaSync® 5000W from NEC Technologies is the most advanced, high-performance plasma monitor available

The PlasmaSync 5000W is designed for high-profile installations where outstanding image quality and superior design are required to convey a sophisticated, cutting-edge image for your organization. The PlasmaSync 5000W combines the highest native panel resolution available on a 50" plasma monitor with NEC's exclusive Capsulated Color Filter™ technology and AccuBlend™ scan conversion to provide rock solid high-resolution images with outstanding color realism.

As the leader in plasma display technology, NEC provides a number of features and capabilities that no other plasma manufacturer offers:

Capsulated Color Filter™ technology for realistic color

NEC's patented Capsulated Color Filter technology improves color response to provide the most realistic color rendering available in plasma monitors. Capsulated Color Filter (CCF) technology is a series of red, green and blue filters bonded within the panel's front glass substrate. CCF optimizes the color spectrum of visible light emitted from the panel by attenuating unwanted spectral emissions associated with the ionization of gas within the individual pixels. CCF also incorporates a black matrix that helps the panel absorb external light, cuts down on reflections and improves the reproduction of black. The result is color that is more true-to-life, enhanced contrast and a screen image that is perceptibly superior to other plasma monitors.

AccuColor® control system for complete color control

NEC's exclusive AccuColor control system complements Capsulated Color Filter technology by allowing simple and accurate adjustment of on-screen color temperature settings through the monitor's OSM user menus. AccuColor allows you to select one of three preset color temperatures or set a customized color temperature to suit your specific application requirements or personal preferences.

AccuBlend™ scan conversion technology delivers excellent high resolution image quality

The PlasmaSync 5000W features NEC's exclusive AccuBlend scan conversion technology. AccuBlend is an intelligent pixel mapping technology that displays scaled high-resolution images with superior accuracy and stability. This results in a screen image with excellent clarity and readability even at the highest resolutions.

PlasmaSync 5000W Specifications

Model Number	PX-50M5A	
General	native panel resolution:	1365 x 768
	screen aspect ratio:	16:9
	Color palette:	16.7 million
	Capsulated Color Filter:	yes
	contrast ratio:	400 to 1
Frequency	H-sync (kHz):	15.5 - 91.1 auto, step scan
	V-sync (Hz):	50 - 85 auto, step scan
Computer Signal Compatibility	VGA 640 x 480:	60, 72, 75, 85Hz
	SVGA 800 x 600:	56, 60, 72, 75, 85Hz
	XGA 1024 x 768:	60, 70, 75, 85Hz
	SXGA 1280 x 1024:	60, 75, 85Hz
	Apple Macintosh:	
	640 x 480:	67Hz
	832 x 624:	75Hz
	1024 x 768:	75Hz
	1152 x 870:	75Hz
	Wide VGA 848 x 480:	60Hz
	Wide SVGA 1024 x 600:	60Hz
	Wide XGA 1360 x 765:	60Hz
HD Video Compatibility	480p, 1080i, 720p:	Y/Pb/Pr signal
Standard Video Compatibility	Composite, S-Video, NTSC/PAL/SECAM	
Scaling	Scan Conversion:	AccuBlend

Inputs	RGB:	1 x 15-pin
	Component Video:	1 x set RCA Y/Pb/Pr
	S-Video:	1 x 4-pin DIN
	Composite Video:	1 x RCA
	Audio:	3 x RCA + ext speaker
	Communication:	RS232
Power	100 - 240 V AC 50/60 Hz	
Power Consumption	540 watt typical	
Weight	127.6 lbs; 148.5 lbs with tabletop base	
Regulatory Compliance	FCC Class B, UI1950/CSA 950	
Warranty	1 year limited parts and labor	
Environmental Considerations	Operating Temperature:	0°C to 35°C
	Humidity:	20 to 80%
	Storage Temperature:	-10°C to 50°C
	Humidity:	10 to 90%
Accessories	Tabletop stand	PX-50M5U-ST
	Ceiling mount	CMK42
	Tiltwall mount	TWMK42
	Fixed wall mount	FWMK42
	LCD remote	PX-RC1E
	Twin speakers	PX-50M5E-S1

All specifications subject to change without notice.

For more information on the PlasmaSync 5000W monitor, call **1-800-NEC-INFO**. To receive more information immediately via fax, call FastFacts™ at **1-800-366-0476** and request catalog #1. To visit our World Wide Web home page, dial-in to the Internet at <http://www.nectech.com>.

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