

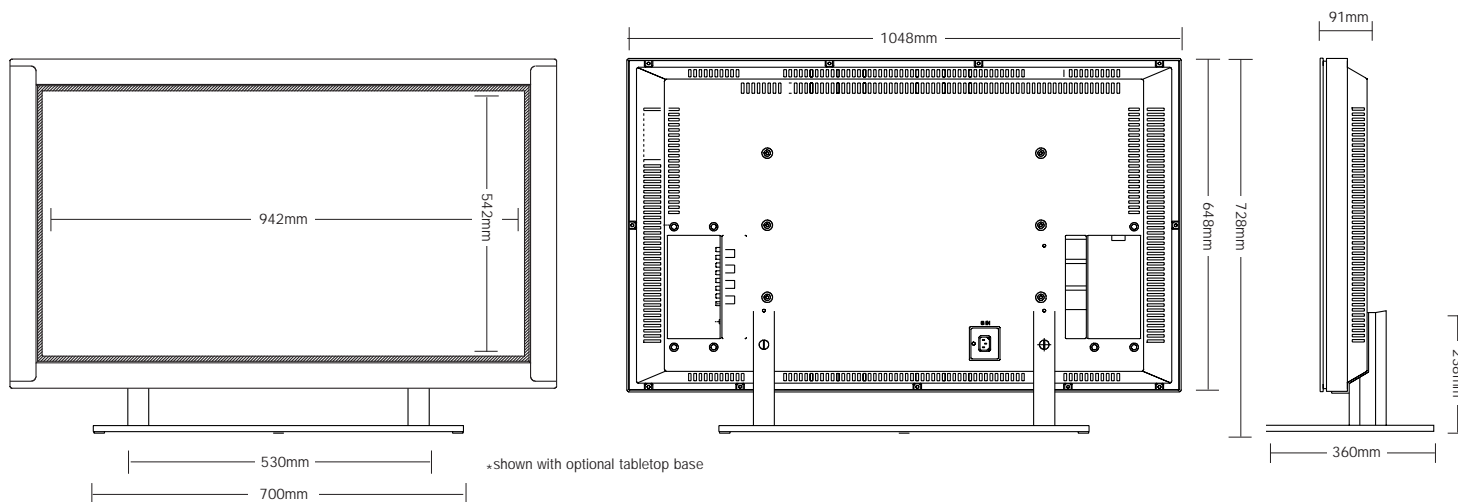
PlasmaSync® 4205W



Designed for public display environments

Capsulated Color Filter™ technology delivers realistic color

AccuColor® control system for accurate color adjustments



The PlasmaSync® 4205W from NEC Technologies

The 42" PlasmaSync 4205W is ideal for public display applications. It offers excellent image quality with realistic color reproduction via NEC's exclusive Capsulated Color Filter™ technology. Designed for installation flexibility, the PlasmaSync 4205W is an excellent solution for cost-effective deployment of dynamic signage and information display in public areas.

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

Capsulated Color Filter™ technology provides 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 to set a customized color temperature to suit your specific application requirements or personal preferences.

PlasmaSync 4205W Specifications

| | | |
|--------------------------------------|------------------------------------|---------------------------|
| Model Number | PX-42M4A | |
| General | native panel resolution: | 853 x 480 |
| | screen aspect ratio: | 16:9 |
| | Color palette: | 16.7 million |
| | Capsulated Color Filter: | yes |
| | contrast ratio: | 350 to 1 |
| Frequency | H-sync (kHz): | 15.5 - 64 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, 75Hz |
| | Mac 640 x 480: | 67Hz |
| | Mac 832 x 624: | 75Hz |
| | Mac 1024 x 768: | 75Hz |
| | Wide VGA 848 x 480: | 60Hz |
| HD Video Compatibility | 480p, 1080i, 720p: | Y/Pb/Pr signal |
| Standard Video Compatibility | Composite, S-Video, NTSC/PAL/SECAM | |
| Scaling | Scan Conversion : | Soft Scaling |
| Inputs | RGB: | 1 x 15-pin |
| | Component Video: | 1 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 |

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|-------------------------------------|---------------------------------------|---------------|
| Power | 100 - 240 V AC 50/60 Hz | |
| Power Consumption | 405 watt typical | |
| Weight | 87.1 lbs: 99.2 lbs with tabletop base | |
| Regulatory Compliance | FCC Class A, UI1950/CSA 950 | |
| Warranty | 1 year limited parts and labor | |
| Environmental Considerations | Operating Temperature: | 0°C to 40°C |
| | Humidity: | 20 to 80% |
| | Storage Temperature: | -10°C to 50°C |
| | Humidity: | 10 to 90% |
| Accessories | Tabletop Stand: | PX-42M3E-ST |
| | Ceiling Mount: | CMK42 |
| | Tilt Wall Mount: | TWMK42 |
| | Fixed Wall Mount: | FWMK42 |
| | Twin Speakers: | PX-42M3A-S1 |
| | LCD Remote: | PX-RC1E |

All specifications subject to change without notice.

For more information on the PlasmaSync 4205W 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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