



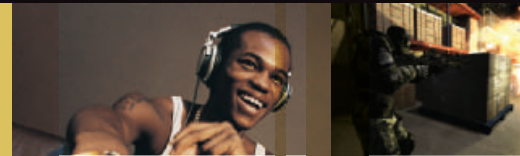
MultiSync® GX² Series

17" and 19" professional gaming displays
20" wide multi-function display



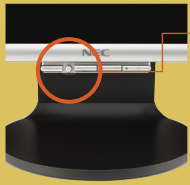
When it comes to computer technology, you want only the best on your desktop. Why should you settle for anything less when it comes to your display? The best in color, brightness, design and overall screen performance are all available in one family of flat-panel displays. The NEC MultiSync GX² Series, featuring the 17" NEC MultiSync 70GX², 19" NEC MultiSync 90GX² and 20" NEC MultiSync 20WMGX², delivers the utmost in quality and performance to your desktop and adds excitement to all of your applications—from gaming and surfing the Internet to digital photo/video editing and watching DVD movies.

NEC MultiSync GX² Series LCDs feature the revolutionary, super-bright OptiClear® DVM screen technology, which delivers true-to-life images with remarkable clarity and color. Dynamic Video Mode further enhances full-motion video and still image graphics with real-time adaptive optimization of brightness, color and contrast. Lightning-fast response times (4ms on 17" and 19" models) ensure fluid viewing of high-speed video and games, while the 4-port USB 2.0 hub makes it easier than ever for you to connect to peripheral devices such as MP3 players, digital cameras, storage devices, game controllers and more. Ambix® technology allows you to work seamlessly in either digital or analog environments, and a dynamic cabinet design featuring tilt, swivel, cable management and NaViKey™ image controls adds flexibility and comfort to your viewing preferences.

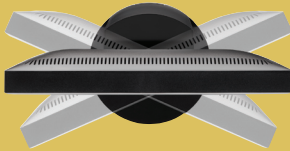


product features

- **Super-bright OptiClear DVM screen technology** provides rich color saturation, remarkable clarity and true-to-life contrast to enhance the user's overall visual perception
- **Dynamic Video Mode (DVM)** enhances video and images with real-time optimization of brightness, color and contrast
- **Rapid Response technology (4ms on 17" and 19" models; 6ms on 20" model)** delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video
- **Ambix dual-input technology** allows for digital/analog compatibility with upgraded video cards and software as well as connection to two systems
- **Integrated USB 2.0 hub** adds flexibility to your computing by easily connecting you to game controllers, digital cameras and more
- **Multi-directional NaViKey** allows for easy screen settings adjustment
- **No Touch Auto Adjust™** reduces setup time and provides optimal image settings upon initial power-on
- **Swivel, tilt and cable management** add comfort and flexibility to your visual experience
- **Picture-in-picture mode** allows for a live TV frame and second video/PC application frame within the screen area (MultiSync 20WMGX²)
- **RoHS compliance** ensures the displays are free of lead, hex-chrome, cadmium, PBDE and PBB, with reduced mercury
- **NEC's quality and reliability** provide peace of mind with a 3-year limited parts and labor warranty (including backlight) and 24/7 customer service and technical support



Multi-directional NaViKey allows for easy menu navigation and screen settings adjustment



Tilt/swivel adjustment allows you to reach your preferred angle for maximum comfort



4-port USB 2.0 hub makes it easy for you to connect to joysticks, mice, MP3 players, digital cameras and other peripherals



Recessed cable connections with seamless cover provide a clean, space-saving solution for input, power and USB cables



Integrated sound bar delivers high-quality sound, freeing up space normally taken up by external speakers (bundled with the MultiSync 20WMGX²)



NaViKey, No Touch Auto Adjust and Rapid Response are trademarks, and Ambix, MultiSync and OptiClear are registered trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change. ©2006 NEC Display Solutions of America, Inc. All rights reserved. Item No. GX2 Series-1 1/06 ver.1.

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product specifications

	70GX ²	90GX ²	20WMGX ²
Display			
Viewable Image Size	17"	19"	20.1"
Pixel Pitch	.264mm	.294mm	.258 mm
Pixels Per Inch	96.2 @ native resolution	86 @ native resolution	98.4 @ native resolution
Brightness (typical)	400 cd/m ²	400 cd/m ²	470 cd/m ²
Contrast Ratio (typical)	700:1	700:1	1600:1 (w/ Dynamic CR)
Viewing Angle (typical)	85U/70D/85R/85L (CR)5	85U/70D/85R/85L (CR)5	89U/89D/89R/89L (CR)5
Response Time (typical)	4ms	4ms	6ms
Display Colors	More than 16 million	More than 16 million	More than 16 million
Cabinet Colors	Silver/white, silver/black	Silver/white, silver/black	Silver/white, silver/black
Synchronization Range	31.5-81.1 KHz 56-75 Hz	31.5-81.1 KHz 56-75 Hz	31.5-81.1 KHz 56-60 Hz
Input Signal			
Video	Analog 0.7 Vp-p/75 Ohms	Analog 0.7 Vp-p/75 Ohms	Analog 0.7 Vp-p/75 Ohms
Sync	Separate Sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/negative) Composite sync on green: (0.3 Vp-p negative 0.7 Vp-p positive)	Separate Sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/negative) Composite sync on green: (0.3 Vp-p negative 0.7 Vp-p positive)	Separate Sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/negative) Composite sync on green: (0.3 Vp-p negative 0.7 Vp-p positive)
Inputs	DVI-D and VGA 15 pin D-sub	DVI-D and VGA 15 pin D-sub	DVI-D, VGA 15 pin D-sub, S-video, component, composite
Resolutions Supported	ANALOG/DIGITAL 720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 870 @ 75 Hz 1280 x 1024 @ 60-75 Hz	ANALOG/DIGITAL 720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 870 @ 75 Hz 1280 x 1024 @ 60-75 Hz	ANALOG/DIGITAL 640 x 480 @ 60 Hz 800 x 600 @ 56-60 Hz 1024 x 768 @ 60 Hz 1280 x 768 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 1050 @ 60 Hz 1680 x 1050 @ 60 Hz
Native Resolution	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1680 x 1050 @ 60 Hz
Additional Features	Thin-frame (bezel), Ambix, No Touch Auto Adjust, USB 2.0, cable management, sRGB, Dynamic Video Mode, Energy Star 4.0, AccuColor color control, OptiClear DVM screen treatment, NaViSet software, ISO 13406-2 Class II, vacation switch, power-off timer	Thin frame (bezel), Ambix, No Touch Auto Adjust, USB 2.0, cable management, sRGB, Dynamic Video Mode, Energy Star 4.0, AccuColor color control, OptiClear DVM screen treatment, NaViSet software, ISO 13406-2 Class II, vacation switch, power-off timer	Thin frame (bezel), Ambix, No Touch Auto Adjust, USB 2.0, cable management, sRGB, Advanced Dynamic Video Mode, AccuColor color control, XtraView, OptiClear DVM screen treatment, NaViSet software, ISO 13406-2 Class II, analog TV tuner, vacation switch, power-off timer, detachable 5 + 5W speakers, Energy Star 4.0
Voltage Rating	AC 100-120V/AC 220-240V	AC 100-120V/AC 220-240V	AC 100-120V/AC 220-240V
Power Consumption			
On	47W	52W	92W
Power Savings Mode	<2W	<2W	2W
Dimensions (W x H x D)			
Net (with stand)	14.4 x 15.4 x 8 in. 367 x 390.5 x 203mm	16.2 x 16 x 8 in. 412.5 x 407.3 x 203mm	18.6 x 15.4 x 8 in. 471.4 x 391.5 x 203mm
Net (without stand)	14.4 x 12 x 2.4 in. 367 x 305 x 60.5mm	16.2 x 13.3 x 2.6 in. 412.5 x 338.5 x 66mm	18.6 x 12.1 x 3.3 in. 471.4 x 306.9 x 84.8mm
Weight			
Net (with stand)	12.6 lbs./5.7 kg	14.3 lbs./6.5 kg	15.4 lbs./7 kg
Net (without stand)	8.8 lbs./4 kg	10.6 lbs./4.8 kg	11.7 lbs./5.3 kg
VESA Hole Configuration Specs	100 x 100mm	100 x 100mm	100 x 100mm
Environmental Conditions			
Operating Temperature	5-35C/41-95F	5-35C/41-95F	5-35C/41-95F
Operating Humidity	30-80%	30-80%	30-80%
Operating Altitude	3658m/12,000 ft.	3658m/12,000 ft.	3658m/12,000 ft.
Storage Temperature	-10-60C/14-140F	-10-60C/14-140F	-10-60C/14-140F
Storage Humidity	10-85%	10-85%	10-85%
Storage Altitude	12,192m/40,000 ft.	12,192m/40,000 ft.	12,192m/40,000 ft.
Limited Warranty	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight
Technical Support	24 hours/7 days	24 hours/7 days	24 hours/7 days