

NEC

# ACCUSYNC™ LCD SERIES

Flat-panel monitors ideal for home users, small-to-medium businesses and educational settings



Up to 19" of value-driven style and performance

**High-performance LCD monitors aren't just for larger-sized corporations anymore.** As flat-panel display technology advances and becomes more mainstream, pricing continues to drop, making LCD monitors increasingly affordable for a variety of users. NEC AccuSync Series LCD monitors have set a new standard in value for this product category. In fact, with affordability akin to that of comparable CRT monitors, AccuSync Series LCD monitors offer you a perfect opportunity to take advantage of the many benefits offered by flat-panel monitors without having to break your budget. The 15" NEC AccuSync LCD51V, 17" NEC AccuSync LCD71V and 19" NEC AccuSync LCD9V deliver ideal visual display solutions to small-to-medium-sized businesses and educational environments, as well as general home users, whether you're creating presentations, surfing the Internet or playing your favorite video game. The 15" NEC AccuSync LCD51VM and 17" NEC AccuSync LCD71VM, which boast integrated, front-firing speakers, further expand your application possibilities with their high-quality multimedia capabilities.

**Enhanced screen performance.** With contrast ratios as high as 500:1 (typical) and brightness quality much higher than CRTs at 250 cd/m<sup>2</sup>, LCD monitor front-of-screen visual performance is NEC-Mitsubishi's #1 goal. The AccuSync LCD Series delivers flicker-free images, vibrant colors and brightness that make your time in front of the monitor more comfortable and productive. NEC's Rapid Response™ technology provides for uninterrupted display of full-motion video with response times of 30ms or less. Rapid Response delivers streaming video without noticeable ghosting or blurring, while achieving as many as 33 frames per second (fps). This remarkably quick motion makes these models better than ever for gaming and video applications such as presentations and streaming web video. With XtraView® wide-angle viewing technology, available with the AccuSync LCD9V, you can enjoy flexible 170° horizontal and vertical viewing angles (85° up, down, left and right).

**Intelligent power management ensures a smart investment.** Using approximately 70% less power and emitting less heat than comparable CRT monitors, the AccuSync LCD Series allows you to conserve energy and lower your total cost of ownership.

## Features and Benefits

**Rapid Response technology** delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video

**XtraView technology** provides for some of the widest viewing angles available (AccuSync LCD9V)

**Height-adjustable stand** adds flexibility and comfort to your viewing preferences (AccuSync LCD9V)

**Slim footprint** liberates you and your desk (60% weight and space reductions compared to CRT monitors)

**Built-in, state-of-the-art multimedia capability** provides quality sound (AccuSync LCD51VM and LCD71VM)

**Supports multiple resolutions** up to 1280 x 1024 for image clarity (AccuSync LCD71V, LCD71VM and LCD9V)

**Low power consumption** reduces electrical costs and lowers total cost of ownership

**Exceptional screen performance** provides a more comfortable and productive visual experience with crisp, sharp and accurate text and images

**Wall/arm mounting capability** adds flexibility and comfort, while freeing up valuable desktop space (using third-party product)

**Built-in power supply** allows for easy mounting of the display

**On Screen Manager (OSM®)** puts you in complete control of your screen setting adjustments

**Cabinet color options** of white or black allow coordination with systems, laptops or work environments (AccuSync LCD51V, LCD71V and LCD9V)

**Adheres to ISO 13406-2 Class II requirements** for quality screen performance

**NEC-Mitsubishi'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

**SEE MORE.™**

## AccuSync LCD Series Specifications

Model	AccuSync LCD51V	AccuSync LCD51VM	AccuSync LCD71V	AccuSync LCD71VM	AccuSync LCD9V	
Display:	Viewable Image Size Pixel Pitch Pixels Per Inch Brightness (typical) Contrast Ratio (typical) Viewing Angle (typical)  Response Time (typical) Display Colors	15" 0.297mm 86 @ native resolution 250 cd/m <sup>2</sup> 400:1 100° Vert., 120° Hor. (40U/60D/60L/60R) Rapid Response (25ms) More than 16 million	15" 0.297mm 86 @ native resolution 250 cd/m <sup>2</sup> 400:1 100° Vert., 120° Hor. (40U/60D/60L/60R) Rapid Response (25ms) More than 16 million	17" 0.264mm 96 @ native resolution 250 cd/m <sup>2</sup> 400:1 120° Vert., 140° Hor. (60U/60D/70L/70R) Rapid Response (16ms) More than 16 million	17" 0.264mm 96 @ native resolution 250 cd/m <sup>2</sup> 400:1 120° Vert., 140° Hor. (60U/60D/70L/70R) Rapid Response (16ms) More than 16 million	19" 0.294mm 86 @ native resolution 250 cd/m <sup>2</sup> 500:1 170° Vert., 170° Hor. (85U/85D/85L/85R) Rapid Response (25ms) More than 16 million
Synchronization Range:	Horizontal Vertical	31.5-60 kHz 56-75 Hz	31.5-60 kHz 56-75 Hz	31.5-81 kHz 56-75 Hz	31.5-81 kHz 56-75 Hz	
Input Signal:	Video Sync	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	
Input		15-pin D-sub	15-pin D-sub	15-pin D-sub	15-pin D-sub	
Resolutions Supported		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	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	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 864 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 1024 @ 60-75 Hz 1280 x 960 @ 60-75 Hz	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 864 @ 70-75 Hz 1152 x 870 @ 75 Hz 1280 x 1024 @ 60-75 Hz 1280 x 960 @ 60-75 Hz	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 864 @ 75 Hz 1280 x 1024 @ 60-75 Hz 1280 x 960 @ 60 Hz
Native Resolution		1024 x 768 @ 75 Hz	1024 x 768 @ 75 Hz	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	
Additional Features	Digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	Bezel-integrated speakers, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC2B & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	Digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	Bezel-integrated speakers, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC2B & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	Height-adjustable stand, user (OSM) controls, Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II	
Touch-Capable	No	No	No	No	No	
Voltage Rating		100-240V @ 50/60 Hz	100-240V @ 50/60 Hz	100-240V @ 50/60 Hz	100-240V @ 50/60 Hz	
Power Consumption (typical):	On Power Savings Mode	20W <3W	24W <3W	36W <3W	40W <3W	
Dimensions (W x H x D):	Net (with stand) Net (without stand)	13.7 x 13.5 x 7.2 in. / 347.4 x 341.9 x 183.5mm 13.7 x 11.7 x 2.1 in. / 347.4 x 296.2 x 53.9mm	13.7 x 13.5 x 7.2 in. / 347.4 x 341.9 x 183.5mm 13.7 x 11.7 x 2.1 in. / 347.4 x 296.2 x 53.9mm	14.9 x 15.1 x 7.6 in. / 379 x 383 x 193mm 14.9 x 13.4 x 2.5 in. / 379 x 340 x 64mm	14.9 x 15.1 x 7.6 in. / 379 x 383 x 193mm 14.9 x 13.4 x 2.5 in. / 379 x 340 x 64mm	16.5 x 16.4-21.1 x 9.1 in. / 418 x 417-537 x 230.5mm 16.5 x 14.4 x 2.6 in. / 418 x 367 x 67mm
Weight	Net (with stand) Net (without stand)	6.6 lbs. / 3 kg 6 lbs. / 2.7 kg	6.6 lbs. / 3 kg 6 lbs. / 2.7 kg	10.1 lbs. / 4.6 kg 8.8 lbs. / 4 kg	10.1 lbs. / 4.6 kg 8.8 lbs. / 4 kg	16.1 lbs. / 7.3 kg 10.8 lbs. / 4.9 kg
VESA Hole Configuration Specifications		75 x 75mm	75 x 75mm	100 x 100mm	100 x 100mm	
Environmental Conditions:	Operating Temperature Operating Humidity Operating Altitude Storage Temperature Storage Humidity Storage Altitude	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 9144m / 30,000 ft.	5-35°C / 41-95°F 30-80% 3658m / 12,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 9144m / 30,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 30-80% 3048m / 10,000 ft. -10-60°C / 14-140°F 10-85% 9144m / 30,000 ft.
Limited Warranty		3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight	
Technical Support		24 hours / 7 days	24 hours / 7 days	24 hours / 7 days	24 hours / 7 days	

NOTE: Technical specifications are subject to change without notice.

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