

NEC AccuSync™ Multimedia Series

32", 40" and 46" digital LCD televisions



Feature-rich affordability. Bringing your home entertainment to digital life no longer requires the support of a big budget. With the value-driven NEC AccuSync Multimedia Series, just about anyone can begin realizing the many benefits of flat-panel digital televisions. The NEC AccuSync PV32, NEC AccuSync PV40 and NEC AccuSync PV46 combine the functionalities of a computer display and high-definition television, making them ideal for your home theater system.

Experience high-definition brilliance. Whether you're using AccuSync Multimedia Series displays to broadcast the big game to a packed crowd, watch your favorite action movie or blast evil aliens in the latest video game, their screen performance will leave no head unturned. A remarkable 1366 x 768 resolution, 500 cd/m² brightness and 5000:1 dynamic contrast ratio add amazing detail to video, images and text, while the integrated HD tuner makes high-definition movies, sports and network programs jump off the screen with out-of-this-world clarity.

Surround yourself with superior sound quality. Appeal to your senses with a detachable, bottom-mount speaker system. This component, which reaches an industry-leading 20W (PV40 & PV46), combines with the display's 7-band equalizer and automatic volume leveler to provide a complete surround sound solution.

Interface with the latest devices. With the advanced screen capabilities of AccuSync Multimedia Series displays, it is only fitting that they be compatible with the most cutting-edge peripherals. Multiple component and HDMI inputs with HDCP support allow you to link to the most recently unveiled computers, DVD players and other high-definition hardware for an optimal visual performance.

Series Features and Benefits

High-definition display provides optimal resolution (1366 x 768) for almost any application

Integrated tuner allows for high-definition broadcast capabilities

Detachable, bottom-mount TruSurround® XT speaker provides virtual surround sound solution with 7-band equalizer and automatic volume leveler

Progressive scan produces more detailed images and improved image quality

Motion adaptive and enhancement de-interlace provide superior interpolation for moving video, resulting in a smooth image with greater detail

Comprehensive input panel, including component, HDMI and VGA interfaces with computers, DVD players and many other devices

Multiple aspect ratio control allows flexibility with today's many source choices

PIP/POP allows two sources to be displayed on the screen at one time

XtraView® technology provides for some of the widest-angle views in the industry

5000:1 dynamic contrast ratio enhances your view with superior images

Swivel stand expands your viewing options

RoHS compliance ensures the displays are free of hex-chrome, cadmium, PBDE and PBB, with reduced mercury and lead

NEC Display Solutions' quality and reliability provide peace of mind with a 1-year limited parts and labor warranty (including backlight) and industry-leading 24/7 customer service and technical support

Model	AccuSync PV32	AccuSync PV40	AccuSync PV46
Display Viewable Size Image Pixel Pitch Brightness (typical) Contrast Ratio (typical) Viewing Angle (typical) Response Time (typical) Display Colors Color Control Active Screen Area (W X H) Screen Aspect Ratio	32" 0.5108mm 500 cd/m ² 5000:1 (Dynamic) 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR > 10 Rapid Response (6ms grey-to-grey) 256 RGB Level, more than 16.7 million Manual 76 x 45 cm / 29.9 x 17.7 in. 16:9	40" 0.648mm 500 cd/m ² 5000:1 (Dynamic) 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR > 10 Rapid Response (6ms grey-to-grey) 256 RGB Level, more than 16.7 million Manual 95.2 x 55.10 cm / 37.5 x 21.7 in. 16:9	46" 0.7455mm 500 cd/m ² 5000:1 (Dynamic) 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR > 10 Rapid Response (6ms grey-to-grey) 256 RGB Level, more than 16.7 million Manual 76 x 45 cm / 29.9 x 17.7 in. 16:9
Synchronization Range Horizontal Vertical	56 - 68.7 kHz 50 - 85 Hz	56 - 68.7 kHz 50 - 85 Hz	56 - 68.7 kHz 50 - 85 Hz
Input Signal Video Sync	ANALOG 0.7 V _{p-p} /75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3V _{p-p} negative 0.7V _{p-p} positive)	ANALOG 0.7 V _{p-p} /75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3V _{p-p} negative 0.7V _{p-p} positive)	ANALOG 0.7 V _{p-p} /75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3V _{p-p} negative 0.7V _{p-p} positive)
Input RGB1 RGB2 Video 1 Video 2 Component Video 1 Audio Tuner External Control	Analog D-Sub HDMI w/ HDCP (2) Composite RCA (3) S-Video Component BNC (2) PC Audio NTSC-M (Latin: NTSC-M, PAL-M, PAL-N), ATSC RS-232C	Analog D-Sub HDMI w/ HDCP (3) Composite RCA (3) S-Video Component BNC (2) PC Audio NTSC-M (Latin: NTSC-M, PAL-M, PAL-N), ATSC RS-232C	Analog D-Sub HDMI w/ HDCP (3) Composite RCA (3) S-Video Component BNC (2) PC Audio NTSC-M (Latin: NTSC-M, PAL-M, PAL-N), ATSC RS-232C
Output RGB Video Audio Audio Amplifier	No Composite RCA Headphone, RCA, SPDIF 15W + 15W	No Composite RCA Headphone, RCA, SPDIF 20W + 20W	No Composite RCA Headphone, RCA, SPDIF 20W + 20W
Resolutions Supported	720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 56-85 Hz 1024 x 768 @ 60-85 Hz 1280 x 1024 @ 60 Hz 1280 x 768 @ 60-75 Hz 1360 x 768 @ 60 Hz NTSC, HDTV, 480p, 576p, 720p, 1080i	720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 56-85 Hz 1024 x 768 @ 60-85 Hz 1280 x 1024 @ 60 Hz 1280 x 768 @ 60-75 Hz 1360 x 768 @ 60 Hz NTSC, HDTV, 480p, 576p, 720p, 1080i	720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 56-85 Hz 1024 x 768 @ 60-85 Hz 1280 x 1024 @ 60 Hz 1280 x 768 @ 60-75 Hz 1360 x 768 @ 60 Hz NTSC, HDTV, 480p, 576p, 720p, 1080i
Native Resolution	1366 x 768	1366 x 768	1366 x 768
Recommended Resolution	1366 x 768	1366 x 768	1366 x 768
Languages	English, French, Spanish and Portuguese	English, French, Spanish and Portuguese	English, French, Spanish and Portuguese
Additional Features	3-D comb filter, 5-mode picture status memory, detachable speakers (15W + 15W), 4-mode color status memory, sound status memory, digital smooth, digital control, swivel, VESA mount, OmniColor (NCM), sharpness/softness, off-timer, 10-bit gamma, running hours, AutoBright (signal input), color temperature mode, auto DVI selection, swivel stand, RGB delay compensations, PIP/POP, V-Chip, aspect ratio converter, still image, child lock	3-D comb filter, 5-mode picture status memory, detachable speakers (20W + 20W), 4-mode color status memory, sound status memory, digital smooth, digital control, swivel, VESA mount, OmniColor (NCM), sharpness/softness, off-timer, 10-bit gamma, running hours, AutoBright (signal input), color temperature mode, auto DVI selection, swivel stand, RGB delay compensations, PIP/POP, V-Chip, aspect ratio converter, still image, child lock	3-D comb filter, 5-mode picture status memory, detachable speakers (20W + 20W), 4-mode color status memory, sound status memory, digital smooth, digital control, swivel, OmniColor (NCM), sharpness/softness, off-timer, 10-bit gamma, running hours, AutoBright (signal input), color temperature mode, auto DVI selection, swivel stand, RGB delay compensations, PIP/POP, V-Chip, aspect ratio converter, still image, child lock
Voltage Rating	AC 100-120 V / AC 200-240 V @ 50/60 Hz	AC 100-120 V / AC 200-240 V @ 50/60 Hz	AC 100-120 V / AC 200-240 V @ 50/60 Hz
Power Supply	Internal	Internal	Internal
Power Consumption (typical) On Power Savings Mode	130W < 5W	205W < 5W	260W < 5W
Dimensions (WxHxD) Net (with stand) Net (without stand)	31.7 x 25.4 x 9.3 in. / 806 x 644 x 235mm 31.7 x 23.5 x 4.5 in. / 806 x 597 x 114mm	39.3 x 29.4 x 11.7 in. / 998 x 748 x 298mm 39.3 x 27.5 x 4.8 in. / 998 x 698 x 121.2mm	45 x 33 x 14 in. / 1142 x 937 x 355mm 45 x 31.1 x 4.8 in. / 1142 x 789 x 121.4mm
Net Weight (with stand) (without stand)	44.1 lbs / 20 kg 41.1 lbs / 18.6 kg	52.1 lbs / 23.6 kg 48.1 lbs / 21.8 kg	85.1 lbs / 38.6 kg 80.1 lbs / 36.3 kg
VESA Hole Configuration Specifications	200 x 200mm	200 x 200mm	688 x 216mm
Environmental Conditions Operating Temperature Operating Humidity Operating Altitude Storage Temperature Storage Humidity Storage Altitude	0-40°C / 32-104°F 0-80% 4000m / 13,123 ft. 0-60°C / -4-140°F 0-90% 10,000m / 32,808 ft.	0-40°C / 32-104°F 0-80% 4000m / 13,123 ft. 0-60°C / -4-140°F 0-90% 10,000m / 32,808 ft.	0-40°C / 32-104°F 0-80% 4000 m / 13,123 ft. 0-60°C / -4-140°F 0-90% 10,000m / 32,808 ft.
Regulatory Approvals	UL/C-UL or CSA, FCC CLASS B/CANADIAN DOC	UL/C-UL or CSA, FCC CLASS B/CANADIAN DOC	UL/C-UL or CSA, FCC CLASS B/CANADIAN DOC
Included Accessories	AC power cord, user manual, 15-pin RGB (VGA) cable, warranty card	AC power cord, user manual, 15-pin RGB (VGA) cable, warranty card	AC power cord, user manual, 15-pin RGB (VGA) cable, warranty card
Optional Accessories	Tilting wall mount	Tilting wall mount	Tilting wall mount
Limited Warranty	1 year parts and labor, including backlight	1 year parts and labor, including backlight	1 year parts and labor, including backlight
Technical Support	24 hours / 7 days	24 hours / 7 days	24 hours/7 days



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Product specifications subject to change. 12/07 ver. 2.
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