

# 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/m<sup>2</sup> 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 customer service and technical support

Model	AccuSync PV32	AccuSync PV40	AccuSync PV46
<b>Display</b> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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
<b>Synchronization Range</b> Horizontal Vertical	56 - 68.7 kHz 50 - 85 Hz	56 - 68.7 kHz 50 - 85 Hz	56 - 68.7 kHz 50 - 85 Hz
<b>Input Signal</b> Video Sync	ANALOG 0.7 V <sub>p-p</sub> /75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3V <sub>p-p</sub> negative 0.7V <sub>p-p</sub> positive)	ANALOG 0.7 V <sub>p-p</sub> /75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3V <sub>p-p</sub> negative 0.7V <sub>p-p</sub> positive)	ANALOG 0.7 V <sub>p-p</sub> /75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3V <sub>p-p</sub> negative 0.7V <sub>p-p</sub> positive)
<b>Input</b> 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
<b>Output</b> 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
<b>Resolutions Supported</b>	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
<b>Native Resolution</b>	1366 x 768	1366 x 768	1366 x 768
<b>Recommended Resolution</b>	1366 x 768	1366 x 768	1366 x 768
<b>Languages</b>	English, French, Spanish and Portuguese	English, French, Spanish and Portuguese	English, French, Spanish and Portuguese
<b>Additional Features</b>	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
<b>Voltage Rating</b>	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
<b>Power Supply</b>	Internal	Internal	Internal
<b>Power Consumption (typical)</b> On Power Savings Mode	130W < 5W	205W < 5W	260W < 5W
<b>Dimensions (WxHxD)</b> 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
<b>Net Weight</b> (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
<b>VESA Hole Configuration Specifications</b>	200 x 200mm	200 x 200mm	688 x 216mm
<b>Environmental Conditions</b> 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.
<b>Regulatory Approvals</b>	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
<b>Included Accessories</b>	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
<b>Optional Accessories</b>	Tilting wall mount	Tilting wall mount	Tilting wall mount
<b>On-Site Limited Warranty</b>	2 years parts and labor, including backlight	2 years parts and labor, including backlight	1 year parts and labor, including backlight
<b>Technical Support</b>	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)



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Product specifications subject to change. 6/08 ver. 3.  
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**NEC Display Solutions**  
500 Park Boulevard, Suite 1100  
Itasca, IL 60143  
866-NEC-MORE

**NEC**

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