

NEC MultiSync® Residential Series

40" and 46" LCD displays

FULL HD 1080p EXPERIENCE

- > **Industry-leading 3-year parts and labor warranty (including backlight)** provides peace of mind
- > **Full HD 1080p resolution** provides stunning detail for video and broadcast applications
- > **Six-way color control** allows for precise and simplified color, color temperature and saturation adjustment
- > **Rapid Response™ technology** delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video
- > **Advanced AccuBlend™** converts non-native resolutions to the display's resolution
- > **Multiple aspect ratio control** allows flexibility with today's many source choices
- > **GammaComp™ programmable lookup table, SpectraView™ Color Calibration Solution and adjustable color temperature** provide unrivaled control of color performance
- > **CableComp™ long cable compensation** provides flexibility when installing the display at distances far from a connected PC and keyboard
- > **Standard black bezel (silver option available)** adapts to the living environment
- > **Thermostatic cooling fans** protect the display from overheating and extend its life
- > **Available HD tuner, speakers and wall mount** enhance the visual experience
- > **Environmental friendliness (RoHS-compliant, low power consumption, biodegradable plastics)** maximizes the user's investment and helps them be "green"
- > **Windows® Vista certification** maximizes the display's resolution capabilities
- > **Digital video interface with HDCP** supports high-definition components
- > **Open architecture expansion slot** allows for adaptation to changes and updates in technology



Model	MultiSync SC40	MultiSync SC46
Display Viewable Size Image Pixel Pitch Pixels Per Inch Brightness Contrast Ratio Viewing Angle Response Time Display Colors Color Control Active Screen Area (WxH) Screen Aspect Ratio Bezel Width (T, B, L, R)	40" 0.461mm 55 @ native resolution 450cd/m ² adjustable 1000:1 178 Vert., 178 Hor. (89U/89D/89L/89R) @ CR > 10 Rapid Response (8ms grey-to-grey) 256 RGB Level, more than 16.7 million Manual (2600 - 10,000 degrees K) 34.9 x 19.6 in. / 885.6 x 498.2mm 16:9 1.6, 1.6, 1.8, 1.8 in. / 40.6, 40.6, 46.6, 46.6mm	46" 0.53 47 @ native resolution 450cd/m ² adjustable 1200:1 178 Vert., 178 Hor. (89U/89D/89L/89R) @ CR > 10 Rapid Response (8ms grey-to-grey) 256 RGB Level, more than 16.7 million Manual (2600 - 10,000 degrees K) 40.1 x 22.5 in. / 1018.1 x 572.7mm 16:9 1.6, 1.6, 1.8, 1.8 in. / 40.6, 40.6, 46.6, 46.6mm
Synchronization Range Horizontal Vertical	31.5-91.1 KHz (Analog/Digital) 50-85 Hz (Analog/Digital)	31.5-91.1 KHz (Analog/Digital) 50-85 Hz (Analog/Digital)
Input Signal Video Sync	ANALOG RGB 0.7 Vp-p/75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative, 0.7Vp-p positive)	ANALOG RGB 0.7 Vp-p / 75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative, 0.7Vp-p positive)
Inputs	DVI-D with HDCP, Analog D-sub, Analog BNC, Composite RCA or S-Video, HDMI with HDCP, Component BNC, Audio 1 (minijack), Audio 2 and 3 Stereo (RCA) / Internal Speaker: None, ATSC, Qam, NTSC, RS232, DDC-CI, IR Remote	DVI-D with HDCP, Analog D-sub, Analog BNC, Composite RCA or S-Video, HDMI with HDCP, Component BNC, Audio 1 (minijack), Audio 2 and 3 Stereo (RCA) / Internal Speaker: None, ATSC, Qam, NTSC, RS232, DDC-CI, IR Remote
Outputs	Daisychain RGB2, RGB3, Daisychain Video1, Daisychain - Selected Audio in, RS-232, 15W x 15W	Daisychain RGB2, RGB3, Daisychain Video1, Daisychain - Selected Audio in, RS-232, 15W x 15W
Resolutions Supported	640 x 400 @ 56.2 Hz 720 x 400 @ 70-85Hz 640 x 480 @ 50-85 Hz 800 x 600 @ 50-85 Hz 832 x 624 @ 74.5 Hz 1024 x 768 @ 50-85 Hz 1280 x 1024 @ 50-85 Hz 1600 x 1200 @ 60 Hz 1280 x 768 @ 50-85 Hz 1360 x 768 @ 50-85 Hz 1920 x 1080 @ 60 Hz NTSC/PAL,SECAM,4.43NTSC,Pal60 HDTV,480i, 480p, 720p, 1080i, 1080p	640 x 400 @ 56.2 Hz 720 x 400 @ 70-85 Hz 640 x 480 @ 50-85 Hz 800 x 600 @ 50-85 Hz 832 x 624 @ 74.5 Hz 1024 x 768 @ 50-85 Hz 1280 x 1024 @ 50-85 Hz 1600 x 1200 @ 60 Hz 1280 x 768 @ 50-85 Hz 1360 x 768 @ 50-85 Hz 1920 x 1080 @ 60 Hz NTSC/PAL,SECAM,4.43NTSC,Pal60 HDTV,480i, 480p, 720p, 1080i, 1080p
Native Resolution	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
Recommended Resolution	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
Languages	English, German, Spanish, French, Italian, Swedish, Japanese	English, German, Spanish, French, Italian, Swedish, Japanese
Additional Features	Power management, Plug and Play (DDC/CI, DDC2B), PIP (remote), multi-level zoom, FullScan, 6-axis color, CableComp, TileComp, screen saver, Rapid Response, video ready (tuner available), infrared remote control included, motion-adaptive 3D-Y/C comb filter, sRGB color, sleep timer, 24x7 scheduler, GammaComp and gamma adjustment, film mode, black level expansion, Faroudja scaling	Power management, Plug and Play (DDC/CI, DDC2B), PIP (remote), multi-level zoom, FullScan, 6-axis color, CableComp, TileComp, screen saver, Rapid Response, video ready (tuner available), infrared remote control included, motion-adaptive 3D-Y/C comb filter, sRGB color, sleep timer, 24x7 scheduler, GammaComp and gamma adjustment, film mode, black level expansion, Faroudja scaling
Voltage Rating	AC 100-120V / AC 220-240V @ 50/60 Hz	AC 100-120V / AC 220-240V @ 50/60 Hz
Power Supply	Internal	Internal
Power Consumption (typical) On Power Savings Mode Vacation Mode	300W < 5W 0W	340W < 5W 0W
Dimensions (WxHxD) Net (with stand) Net (without stand)	38.7 x 24.7 x 15.7in. / 981.8 x 627.4 x 400mm 38.7 x 22.9 x 5.6 in. / 981.8 x 582.4 x 142.5mm	43.8 x 27.7 x 15.7 in. / 1112.8 x 704.4 x 400mm 43.8 x 26 x 5.6 in. / 1112.8 x 659.4 x 142.5mm
Weight Net (with stand)	71.9 lbs. / 32.6 kg	86.6 lbs. / 39.3 kg
VESA Hole Configuration Specifications	200 x 200mm (8 hole) / 200 x 100mm (6 hole)	200 x 200mm (8 hole) / 200 x 100mm (6 hole)
Environmental Conditions Operating Temperature Operating Humidity Operating Altitude Storage Temperature Storage Humidity Storage Altitude	5-40°C / 41-104°F 10-80% 4200m / 13,780 ft. -20-60°C / -4-140°F 10-90% 12,000m / 39,370 ft.	5-40°C / 41-104°F 10-80% 4200m / 13,780 ft. -20-60°C / -4-140°F 10-90% 12,000m / 39,370 ft.
Regulatory Approvals	UL 60950/CSA C22.2 No. 950/TUV-GS/EN60950/FCC-B/DOC-B/EN55022-B/EN55024/EN61000-3-2/EN1000-3-3/CE	UL 60950/CSA C22.2 No. 950/TUV-GS/EN60950/FCC-B/DOC-B/EN55022-B/EN55024/EN61000-3-2/EN1000-3-3/CE
Included Accessories	AC power cord,user manual, wireless remote control, batteries, 15-pin RGB (VGA) cable, CD-ROM	AC power cord,user manual, wireless remote control, batteries, 15-pin RGB (VGA) cable, CD-ROM
Optional Accessories	External speakers, ATSC/NTSC/QAM tuner, tilting wall mount	External speakers, ATSC/NTSC/QAM tuner, tilting wall mount
Limited Warranty	3 year parts and labor, including backlight	3 year parts and labor, including backlight
Technical Support	24 hours/7 days	24 hours/7 days



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