

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
- > **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, stand, ATSC/NTSC/QAM tuner, tilting wall mount (WMK3260-L) | External speakers, stand, ATSC/NTSC/QAM tuner, tilting wall mount (WMK3260-L) |
| On-Site Limited Warranty | 3 year parts and labor, including backlight | 3 year parts and labor, including backlight |
| Technical Support | M - F (7am - 7pm CST) | M - F (7am - 7pm CST) |



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