

# NEC MultiSync® LCD6520

65" professional-grade LCD display ideal for corporate and digital signage applications

**Put your messaging in the spotlight.** The 65" NEC MultiSync LCD6520L (landscape) and NEC LCD6520P (portrait) deliver big-screen performance and capabilities for your corporate and digital signage applications. Its industrial-strength design and Digital Signage Technology Suite (DSTS), which boasts nearly 30 advanced features, make these displays ideal for head-turning presentations as well as 24/7 operation in even the most harsh environments. These include airports, public information, retail and other areas that require a combination of dazzling images and the highest level of display management. With its massive screen, the LCD6520L/P keep your audience's attention in the boardroom, while bringing your digital signage to the big stage, capturing the attention of passersby both near and far.



- ❑ **Thermal protection** includes fan-based technology specially designed to work in both landscape and portrait modes and be controlled locally or remotely. Internal temperature sensors control self-protective circuits, while special self-diagnostics communicate the status of the thermal characteristics.
- ❑ **TileMatrix™** allows you to create video walls (up to 25 displays in a 5x5 matrix equalling 21 ft. diagonal)
- ❑ **TileComp™** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall
- ❑ **Real-time clock/round-the-clock scheduling** allows for advanced scheduling of monitor powering up/down and input selection. These features also allow your messaging to be customized for time of day (e.g. breakfast in the morning, dinner specials in the evening) as well as improving energy savings and extending display life.
- ❑ **Multi-display control and daisy chain**, enabled through RS-232, allow for individually addressable display control, making setup and monitoring of the display simple and effective
- ❑ **Advanced screen saver functions** include an array of features designed to reduce the risk of image persistence and extend display life. A gamma adjustment feature reduces the effect of high-contrast images, while a side color function allows adjustment of the color to minimize the contrast delta. Additional screen saver functions reduce the impact of static images by gently moving the image.
- ❑ **Built-in expansion slot** future-proofs your display investment, allowing for seamless integration of NEC and third-party components, including a tuner, HD-SDI card, single-board computer and DVI daisy chain capability.
- ❑ **CableComp+™**, which is compatible with analog and/or digital inputs, corrects for input signal distortion caused by long cables and low output levels of video cards. This technology uses a digitized signal delay circuit to automatically compensate for each red, green and blue cable's length and video signal delay, ensuring sharp image reproduction.
- ❑ **Color temperature adjustable** from 2600 - 10,000K, allowing for perfect whitepoint matching across screens as well as matching to source devices
- ❑ **NaViSet™** software offers an expanded and intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. The Administrator version utilizes the monitor's advanced control and diagnostics capabilities to provide IT professionals with remote configuration, scheduling and troubleshooting over their existing networks.
- ❑ **SpectraView™ Color Calibration Solution (optional)**, featuring state-of-the art calibrator and software, helps deliver accurate, consistent and repeatable color performance. The solution performs hardware monitor calibration and generates ICC profiles that can be used with graphics software. Multiple calibration settings can be stored and instantly recalled without the need to recalibrate the display.
- ❑ **AutoBright™** aligns the monitor's brightness level with the content for optimal picture quality and viewing
- ❑ **Black level expansion** takes the S-gamma level to even finer granularity in shading levels, while further improving image quality in dark or shaded images
- ❑ **Picture-in-picture (PIP)** allows one program/channel to be displayed on the full screen at the same time as one or more other programs are displayed in inset windows

## Specifications for LCD6520

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | <b>LCD6520L-BK-AV/LCD6520P-BK-AV</b>  |
| <b>LCD MODULE</b>                 |   |
| Viewable Size (Diagonal)          | 65"   |
| Panel Technology                  | ASV   |
| Native Resolution                 | 1920 x 1080   |
| Pixel Pitch                       | 0.744mm   |
| Brightness (typical)              | 450 cd/m <sup>2</sup>   |
| Contrast Ratio (typical)          | 2000:1  |
| Active Screen Area (W X H)        | 56.2 x 31.6 in. / 1429.5 x 803.5mm  |
| <b>CONNECTIVITY</b>               |   |
| <b>Input Terminals</b>            |   |
| RGB1                              | DVI-D   |
| RGB2                              | Analog D-sub  |
| RGB3 (Analog)                     | 5 BNC (RGBHV)   |
| Video 1                           | Composite (Shared RCA and BNC)  |
| Video 2                           | S-Video   |
| Video 3                           | HDMI  |
| Component Video 1 (DVD/HD)        | Component BNC   |
| Audio                             | Audio 1 (MiniJack), Audio 2 and 3 Stereo (RCA), HDMI / Internal Speaker: None   |
| External Control                  | RS-232, DDC/CI  |
| <b>Output Terminals</b>           |   |
| RGB                               | Yes   |
| Video                             | Yes   |
| Audio                             | Yes   |
| External Control                  | RS-232 for multiple monitor control, IR, DDC/CI   |
| Audio Amplifier                   | 15W Stereo  |
| <b>FEATURES</b>                   |   |
| <b>Additional Features</b>        | Advanced thermal capabilities, expansion slot, CableComp, TileMatrix (5x5), TileComp, scheduler (w/ RTC), off-timer (countdown), programmable lookup tables, Plug and Play (DDC/CI, DDC2B), PIP (remote), POP, 6-axis color adjustment, multi-level programmable zoom, video ready, sharpness/softness, screen saver, vacation switch, 10-bit gamma, AutoBright (signal input), Windows Vista-certified |
| <b>POWER</b>                      |   |
| Power Requirements                | AC 100-120V / AC 220-240V@50/60 Hz  |
| Power Consumption (typical)       | 590W  |
| Power Consumption - Standby Mode  | < 7W  |
| <b>PHYSICAL SPECIFICATIONS</b>    |   |
| Bezel Width (L/R, T/B)            | 2.7 in. / 2.2 in. , 68mm / 56.4mm   |
| Dimensions (without stand; WxHxD) | (L) 61.8 x 36.3 x 8.7 in. / 1569.4 x 921 x 221.6mm<br>(P) 36.3 x 61.8 x 8.7 in. / 921 x 1569.4 x 221.6mm  |
| Packaging Dimensions (WxHxD)      | 71.8 x 43 x 18.7 in. / 1824 x 1091 x 476mm  |
| Net Weight (without stand)        | 183 lbs. / 83 kg  |
| Gross Weight (with box)           | 242.5 lbs. / 110 kg   |
| VESA Hole Configuration           | 200 x 200mm (8 hole) / 200 x 100mm (6 hole)   |
| <b>ENVIRONMENTAL CONDITIONS</b>   |   |
| Operating Temperature             | 5-40° C / 41-104° F   |
| Operating Humidity                | 20-80%  |
| <b>ACCESSORIES</b>                |   |
| Included                          | Power cord, 15-pin D-sub cable, user manual, setup sheet, wireless remote control, batteries, main switch cover, CD-ROM, stand (landscape only)   |
| Optional                          | External speakers (SP-6520), digital tuner (MPD-DT), internal HD-SDI card (SB-L007KK), single board computer (MPD-SBC-8/16), SpectraView <sub>ii</sub> Color Calibration Solution (SVII-KIT), Digital Signage Kit (DSK3260)   |
| <b>WARRANTY/SERVICE</b>           |   |
| On-Site Limited Warranty          | 3 years parts and labor, including backlight  |

