

# NEC MultiSync® V652

Order Code: 60003395

NEC LCD 65" Public Display

MultiSync® V652 is one of the first public displays to feature a professional LCD panel with Edge LED backlights. Thanks to this new backlight technology, power consumption, weight and depth could be further reduced from the mark set by its predecessor. This generation of V Series features NEC STv2 Slot (OPS compatible) and allows for the seamless integration of various PC boards, HDSDI interfaces and other OPS compatible products.

Ideal for cost efficient retail signage, conferencing applications and lobby or reception installations not exceeding 16/7 operation time.

## DELIVERING GENUINE BENEFITS

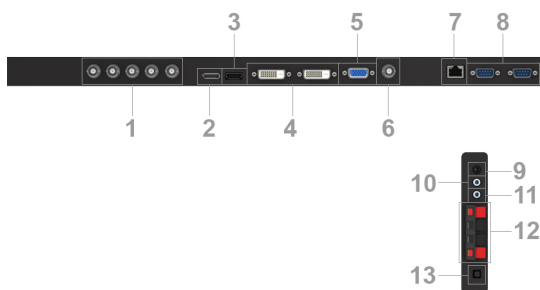
**Programmable Ambient Light Sensor** - for reduced power consumption and eye pleasing brightness levels.

**DICOM support**- for medical applications.



## OUTSTANDING PERFORMANCE

- **NEC unique thermal monitoring and control.** NEC pioneered advanced thermal control and monitoring for public displays which is still unmatched. It secures longevity and reliability even in very demanding installations.
- **NEC's STv2 Slot technology** which was developed in cooperation with Intel enables the user to integrate various option boards enhancing flexibility and future functionality.
- **Peace of mind** thanks to full control of the display via LAN with free NEC software and alert emails in the unlikely event of a problem such as no signal, overheating, back light failure etc.
- **Integrated speakers** save installation costs and preserve the clean look of the display.
- **Daisy chaining via DVI** (max. 9 pieces) offering high flexibility at no extra cost if the signal needs to be passed on for videowalls or back-to-back installations.
- **Copy Settings** feature via RS232 to reduce installation cost for larger role outs.



1. RGB/HV IN [R, G, B, H, V] (BNC)
2. DISPLAYPORT connector
3. HDMI connector
4. DVI connector (DVI-D)
5. VGA IN (mini D-Sub 15 pin)
6. VIDEO1 IN connector (BNC)
7. LAN port (RJ-45)
8. RS-232C (D-Sub 9 pin)
9. REMOTE IN (Black)
10. AUDIO OUT (Blue)
11. AUDIO IN 1 (Blue)
12. EXTERNAL SPEAKER TERMINAL
13. Internal/External speaker switch

## SPECIAL CHARACTERISTICS

Advanced fan control, Copy display settings through RS232, DICOM support, Hardware colour calibration possible, Input name adjustment, Matrix memory, PIN as theft protection, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition, Various picture in picture options



**Energy Efficiency** Ambient light sensor; Carbon savings meter; ECOMode

**Ecological Materials** Optional feet; Manuals on CD

| Technical Specification NEC MultiSync® V652   |   |
|---|---|
| <b>DISPLAY</b>                                |   |
| Panel Technology                              | AMVA3 with Edge LED backlights  |
| Active Screen Area (W x H) [mm]               | 1,428.5 x 803.5   |
| Screen Size [inch/cm]                         | 64.5 / 163.9  |
| Aspect Ratio                                  | 16:9  |
| Brightness (shipping) [cd/m²]                 | 320, (450 max)  |
| Contrast Ratio (typ.)                         | 4000:1  |
| Viewing Angle [°]                             | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1)   |
| Response Time (typ.) [ms]                     | 8 (grey-to-grey)  |
| Panel Refresh Rate [Hz]                       | 60  |
| <b>SYNCHRONISATION RATE</b>                   |   |
| Horizontal Frequency [kHz]                    | 31.5 - 91.1 (analog and digital)  |
| Vertical Frequency [Hz]                       | 25.2 - 85   |
| <b>RESOLUTION</b>                             |   |
| Native Resolution                             | 1920 x 1080 at 60 Hz  |
| Supported on digital and analogue inputs (PC) | 1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1366 x 768; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 720 x 576; 800 x 600   |
| Supported on digital inputs (Video)           | 1280 x 720p (50/16:9; 1280 x 720p (59.94/60)16:9; 1920 x 1080i (50)16:9; 1920 x 1080i (59.94/60)16:9; 1920 x 1080p (23.97/24)16:9; 1920 x 1080p (25)16:9; 1920 x 1080p (29.97/30)16:9; 1920 x 1080p (50)16:9; 1920 x 1080p (59.94/60)16:9; 720 x 480p (59.94/60)16:9; 720 x 576p (50)16:9 |
| <b>CONNECTIVITY</b>                           |   |
| Input Video Analogue                          | 1 x D-sub 15 pin; Composite (BNC); RGBHV for PC and Component/Composite (BNC)   |
| Input Video Digital                           | 1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP); 1 x DisplayPort (with HDCP)  |
| Input Audio Analogue                          | 1 x 3.5 mm jack   |
| Input Audio Digital                           | Display Port; 1x HDMI   |
| Input Control                                 | LAN 100Mbit; remote control wire (3,5mm jack); RS232  |
| Output Video Digital                          | 1 x DVI-D (with HDCP)   |
| Output Audio Analogue                         | 3,5mm jack  |
| Output Control                                | RS232   |
| Remote Control                                | LAN with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)  |
| <b>OPTION SLOT</b>                            |   |
| Slot Technology                               | STv2 (compatible with Intel / NEC OPS standard)   |
| Inrush Current [A]                            | max. 10   |
| Power Consumption [W]                         | max. 61   |
| Voltage / Current [V/A]                       | 16/4  |
| <b>ELECTRICAL</b>                             |   |
| Power Consumption on Mode [W]                 | 185 shipping; 360 (max.)  |
| Power Savings Mode [W]                        | < 0.5 (ECO Standby); < 1  |
| Power Management                              | VESA DPMS   |
| <b>ENVIRONMENTAL CONDITIONS</b>               |   |
| Operating Temperature [°C]                    | +0 to +40   |
| Operating Humidity [%]                        | 20 to 80  |
| Storage Humidity [%]                          | 10 to 90  |
| Storage Temperature [°C]                      | -20 to +60  |
| <b>MECHANICAL</b>                             |   |
| Dimensions (W x H x D) [mm]                   | Without stand: 1,428.5 x 909.2 x 88.3   |
| Weight [kg]                                   | With stand: 52  |
| Bezel Width [mm]                              | 53.5 (left and right); 50.5 (top and bottom)  |
| VESA Mounting [mm]                            | 400 x 400 (FDMI); 4 holes; M8   |
| <b>AVAILABLE OPTIONS</b>                      |   |
| Option Slot                                   | HDSDI 1.5 and 3G; Intel Atom, Celeron and Core CPUs   |
| Accessories                                   | Feet (ST-651); Speaker (SP-RM1); Speaker (SP-V65 SM); Wall mount (PDW 32-70 L +P)   |
| <b>ADDITIONAL FEATURES</b>                    |   |
| Colour Versions                               | Black Front Bezel, Black Back Cabinet   |
| Safety and Ergonomics                         | CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; PSB; VCCI; RoHS  |
| Audio   | Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)  |
| Shipping Content                              | Display; DVI-D cable; Power Cable; Free LAN control software (download); Remote Control; CD-ROM (User Guides/Manuals)   |
| Warranty                                      | 3 years warranty incl. backlight  |