

## NEC MultiSync® EA191M



### NEC MultiSync® EA191M - reduces costs and helps protect the environment

- Ergonomics and safety complying to the highest industry standards incl. ISO 13406-2
- ErgoDesign®: Height adjustable stand (110 mm), swivel (90°), and portrait (90°)
- Safety of investment with analog/digital interface and HDCP
- Versatile and easy installation (VESA standard) with NaViSet and NaViKey
- Stable and excellent picture quality with NTAA (Non-Touch-Auto-Adjustment) and PVA TFT display

see more.

NEC Display Solutions

|                                           |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Panel Technology                          | PVA TFT                                                                                                                                                                                                                                                                             |
| Screen Size [inch/cm]                     | 19.0 / 48.2                                                                                                                                                                                                                                                                         |
| Pixel Pitch [mm]                          | 0.294                                                                                                                                                                                                                                                                               |
| Viewing Angle [°]                         | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1)<br>178 horizontal / 178 vertical (typ. at contrast ratio 5:1)                                                                                                                                                           |
| Contrast Ratio (typ.)                     | 1500:1                                                                                                                                                                                                                                                                              |
| Brightness (typ.) [cd/m²]                 | 250                                                                                                                                                                                                                                                                                 |
| Response Time (typ.) [ms]                 | 20                                                                                                                                                                                                                                                                                  |
| Colours [Mio.]                            | 16.77                                                                                                                                                                                                                                                                               |
| Horizontal Frequency [kHz]                | 30 - 82                                                                                                                                                                                                                                                                             |
| Vertical Frequency [Hz]                   | 56.0 - 75.0                                                                                                                                                                                                                                                                         |
| Optimum Resolution                        | 1280 x 1024 at 60 Hz                                                                                                                                                                                                                                                                |
| Supported Resolutions                     | 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480                                                                                                                                                                                                      |
| Connectors                                | Digital: 1 x DVI-D (with HDCP); Analog: 1 x mini D-sub 15 pin                                                                                                                                                                                                                       |
| Plug & Play                               | VESA DDC/CI; DDC2B/2Bi; EDID Standard                                                                                                                                                                                                                                               |
| Adjust Functions                          | Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; EcoMode; Fine Adjust (analog); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; sRGB |
| Safety and Ergonomics                     | EPEAT Silver™; CE; ERP; TCO 03; TÜV Ergonomics; TÜV GS; GEEA/Energy Label; FCC Class B; PCT/ Gost; UL/C-UL or CSA; CCC; ISO 13406-2 (pixel failure class II); MPR II/ MPR III; RoHS                                                                                                 |
| Power Consumption on Mode [W]             | 39 (typ.); 27 (Eco Mode 1); 55 (max.)                                                                                                                                                                                                                                               |
| Stand-by Mode [W]                         | < 2                                                                                                                                                                                                                                                                                 |
| Power Supply                              | 100-120 V/220- V; 0.8 A/0.4 A; internal power supply                                                                                                                                                                                                                                |
| Ambient Temperature (operating) [°C]      | +5 to +35                                                                                                                                                                                                                                                                           |
| Ambient Humidity (operating) [%]          | 30 to 80                                                                                                                                                                                                                                                                            |
| VESA Mounting [mm]                        | 100 x 100                                                                                                                                                                                                                                                                           |
| ErgoDesign®: Height adjustable Stand [mm] | 110                                                                                                                                                                                                                                                                                 |
| Screen Tilt [°]                           | 5 to 30                                                                                                                                                                                                                                                                             |
| Screen Tilt / Swivel [°]                  | 170 to 170                                                                                                                                                                                                                                                                          |
| Screen Tilt / Swivel / Rotate [°]         | 0 to 90 (landscape to portrait mode)                                                                                                                                                                                                                                                |
| Dimensions (W x H x D) [mm]               | 408.0 x 383.5 x 220.0<br>Without stand: 408.0 x 338.0 x 65.0                                                                                                                                                                                                                        |
| Bezel Width [mm]                          | 15.0                                                                                                                                                                                                                                                                                |
| Weight [kg]                               | 7; Without stand: 4.4                                                                                                                                                                                                                                                               |
| Cable Management                          | yes                                                                                                                                                                                                                                                                                 |
| Kensington security slot                  | yes                                                                                                                                                                                                                                                                                 |
| Benefits                                  | Carbon Footprint Meter; Carbon Savings Meter; NaViSet®and NaViSet®Administrator compatible; sRGB Support; Windows 7 compatible; WindowsVistaCertifiedLogo                                                                                                                           |
| Audio Functions                           | 1W + 1W (De-activateable)                                                                                                                                                                                                                                                           |
| Colour Versions                           | Silver Front Bezel; White Back Cabinet<br>Black Front Bezel, Black Back Cabinet                                                                                                                                                                                                     |
| Shipping Content                          | Monitor; Power Cable; Signal Cable DVI-D - DVI-D; Signal Cable VGA - VGA; Audio Cable; CD-ROM; Sales Office List; User Manual                                                                                                                                                       |
| Warranty                                  | 3 years warranty incl. backlight                                                                                                                                                                                                                                                    |



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