### Technical Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Technology</td>
<td>S-PVA 11</td>
</tr>
<tr>
<td>Aspect Ratio (width x height)</td>
<td>16:9</td>
</tr>
<tr>
<td>Screen Size (inch)</td>
<td>46/42/55/65</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>3000:1</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>178 horizontal &amp; 178 vertical</td>
</tr>
<tr>
<td>Bezel Width</td>
<td>12.8 mm</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>143.25 x 96.8 x 46.4 mm</td>
</tr>
<tr>
<td>Weight (L)</td>
<td>34.3 kg</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>+5 to +40 °C</td>
</tr>
<tr>
<td>Power Consumption (max)</td>
<td>200 W</td>
</tr>
<tr>
<td>Viewable Area (W x H)</td>
<td>1280 x 720</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>WXGA (1280 x 768)</td>
</tr>
<tr>
<td>Optimum Resolution</td>
<td>WXGA (1280 x 768)</td>
</tr>
<tr>
<td>Colours</td>
<td>1.07 billion (10 bit)</td>
</tr>
<tr>
<td>View Angle</td>
<td>3000:1</td>
</tr>
<tr>
<td>Screen Size</td>
<td>43.5 inches</td>
</tr>
</tbody>
</table>

### Input Terminal

- Main Power Switch
- AC In connector
- HDMI connector
- DVI In (DVI-D)
- DVI In (DVI-D)
- DVI In (DVI-D)
- USB 2.0 (mini B: 480i, 480p, 576i, 576p)
- RGB IN (R, G, B, H, V) (BNC)
- RGB/RGB OUT (BNC)
- Video IN connector (BNC) and RCA
- Video OUT connector (BNC)
- DVD/HD connector (RCA)
- HDMI connector (HDMI 1.3a/DVI-D)
- USB 2.0 (mini B: 480i, 480p, 576i, 576p)
- RGB/RGB OUT (BNC)
- Remote IN/OUT
- Analog In: Composite (BNC) and RCA

### Other Features

- 10 bit LUT for calibration, 10 x 10 Tile Matrix with up to 100 IDs through RS232, copy display
- 20 to 80% contrast ratio
- 46° ultra-narrow, professional-grade LCD display ideal for video wall

### Dimensions

- Height: 21.5 inches
- Width: 41.7 inches
- Depth: 5.1 inches

*For 46" LCD as of March 2008, company survey*

[Image: http://www.nec-display.com/ap/]

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46" ultra-narrow, professional-grade LCD display ideal for video wall

MultiSync X461UN

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Everyone is drawn into the stirring large screen video wall with the allure of the world's narrowest bezel

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http://www.nec-display.com/ap/
Large 46” multi screen compatible display achieving seamless large screen solution through ultra narrow bezel.

World’s narrowest*2 bezel achieving seamless video

Bazel width of only 6.7mm (with multi configuration), demonstrating the power of impressive large screen video wall with seamless expressiveness without the discomfort.

46” or 65” LCDs at March 2009: company survey

Multi Screen Color Alignment Compatibility at Shipメント

X461UN is shipped after brightness and color temperature adjusted separately. This pre-adjusted shipment realizes easy installation and good image quality of video walls.

Contrast Ratio 3000:1

Max. Brightness 700cd/m²

Vertical Installed Type

Horizontal Installed Type

Max. 10 x 10 Multi Screen Configurations

Maximum 10 horizontal & vertical multi screen configuration available using tile matrix function enables 46” video wall. Multi screen configurations can be transported and installed to existing buildings easier than to super 100” large screen displays.

Ambient Mode Automatically Adjust Brightness

Functions newly loaded for automatically controlling display brightness to the perfect brightness recognizing changes to surrounding brightness by connecting the optional sensor unit to this device. Power usage at eco-steady reduced to maximum 0.5W. No excess power used contributing to global environment preservation.

Max. Brightness 700cd/m², Contrast Ratio 3000:1

Employ high quality 46”1366 x 768 WXGA LCD panel. Produces beautiful images for high brightness, high contrast ratio viewing, suppressing color reversal even when viewed from an angle with a horizontal and vertical viewing angle of 178°.

Multi Screen Color Alignment

Calibration Function for Multi Screen Configuration

Uses dedicated calibration software and commercially available color sensor when color differences occur with each display due to aging changes, simplifying color alignment.

Ambient Mode Automatically Adjust Brightness

Functions newly loaded for automatically controlling display brightness to the perfect brightness recognizing changes to surrounding brightness by connecting the optional sensor unit to this device. Power usage at eco-steady reduced to maximum 0.5W. No excess power used contributing to global environment preservation.

Max. Brightness 700cd/m², Contrast Ratio 3000:1

Secure High Reliability and High Quality Design in Severe Working Environments

Professional grade LCD panel

It employs high quality color LCD panel that resists image retention because it supports continuous operations in severe environments.

Radiant heat control

Suppresses radiant heat from backlight and facilitates longer lasting LCD.

Automatic control cooling fans

Cooling fan operates according to operations conditions and installed location, cooling the LCD panel for extended use and reducing load.

Screen Saver Function

Loaded with “Screen Saver” function reducing LCD panel load at extended use.

Stable power unit

Minimizes the impact of malfunctions and hang-ups caused by changes in power voltage.

Power ON Delay Function

Automatically starts each screen at staggered times and applies power when multiple displays are used, preventing over current occurring when power is applied at the same time.

High Reliability parts

Uses temperature resistant parts for electrolytic capacitors and power circuit. Achieves stable operating in high temperature environments.

Enable Various Installations with High Durability and Stability

Remote Control Kit KT-RC

Supports remote control through multi connection using RS-232C and LAN control using connection via network. Display operations and setting can be changed from 1 host computer.

Independent Stand WM-46UN-L

Wide range of installation purposes. Hang from the ceiling or mount on the wall using attachment jig conforming to VESA standards(300mm).

Signal auto detection

Greatly reduces input switching operations when switching video output devices.

Over Frame Kit KT-46LF20

Plate set for covering monitors side, horizontal and vertical. Kit Contents: Frame Top x 1, Bottom x 2, Left x 1, Right x 1. 2 Kits required for 4 screen multi configuration.

Wall Mount Kit WM-46LIN-L Vertical Installed Type

Multi screen configuration support jig set equipped with micro adjustment function/horizontal/vertical.

DVI Daisy Chain Board DS-46UN-L2

EQUIPMENT SUPPLIED WITH DVI Input and DVI/OUT/Through DVI. Can connect up to Max. 3 units with daisy chain. Power Save Mode not available. Includes one (1) DVI-OUT Cable.

Multi Function Switching Board KM-46US-L2

Internally controlled “Self Diagnostics Function” supports faster control sophistication development.

Enable Various Installations with High Durability and Stability

Multi Functions Faithful to Usability and Convenience

HDCP compatible “DVI-D Terminal

Supports HDCP/DVD video signal encryption method for direct DVD video display. Signals from DVDs are displayed faithfully, for more realistic video display.

Scheduling Function

Select from “Every Day”, “Weekdays”, “Every Week” for ON/OFF settings using simple inputs(Max. 7 Items). Loaded with “Power Save Mode” automatically switches to hibernation when there is no input signal.

Natural Color Matrix Function

Individually adjusts light tricolor(R/G/B)color tricolor(Y/M/C) 6-axis ➤ sharpness/S) with color adjustment system achieving natural, vivid color.

Easy Installation

Wall mount kit optionally enables easy installation of video wall. Freely attach according to installed space, display contents and purpose/Hang from the ceiling or mount on the wall using attachment jig conforming to VESA standards(300mm).

Signal auto detection

Greatly reduces input switching operations when switching video output devices.

Color temperature setting

Set a wide range of color temperatures from 2600K to 10000K.

Optional installations and layouts as needed

Remote Control Kit KT-RC

Independent Stand WM-46UN-L

Over Frame Kit KT-46LF20

Wall Mount Kit WM-46LIN-L Vertical Installed Type

DVI Daisy Chain Board DS-46UN-L2

Multi Function Switching Board KM-46US-L2

Wall Mount Kit WM-46LIN-L Vertical Installed Type

DVI Daisy Chain Board DS-46UN-L2

Multi Function Switching Board KM-46US-L2


Control using network connection with LAN Control

Simplifies central control of multiple displays

Supports remote control through multi connection using RS-232C and LAN control using connection via network. Display operations and setting can be changed from 1 host computer.

Wall Mount Kit WM-46LIN-L Vertical Installed Type

Equipped with DVI Input and DVI/OUT/Through DVI. Can connect up to Max. 3 units with daisy chain. Power Save Mode not available. Includes one (1) DVI-OUT Cable.

Kit Contents: Wall Side Jig Top x 2, Bottom x 2, Left x 1, Right x 1, Stopper x 2. 2 Kits required for 4 screen multi configuration.

Attach Display Jig to Display Unit

Attach to Wall Side Jig

Series Display

Event Stage