NEC MultiSync® P701

ORDER CODE: 60002800 **NEC LCD 70" Public Display**

NEC MultiSync® P-Series Public Displays delivers uncompromising reliability as well as latest interface technologies such as DisplayPort and LAN. In combination with minimized power consumption achieved by an ambient light sensor, the products meet the needs of heavy duty applications found in the transportation or control room environment.

An ideal solution for retail signage, meeting rooms, video conferencing, transportation and control room applications.

DELIVERING GENUINE BENEFITS

Functionality - can be extended with additional interfaces and playback devices through the option slot which avoid additional cables and mounting brackets.

Latest Interface Standards - to make sure even new signals or interfaces can be used.

NEC Public Displays - designed to meet your environmental requirements by minimizing power consumption and waste.

P-Series Products - designed to last and offer trouble-free operation. Control and monitoring features are industry leading.
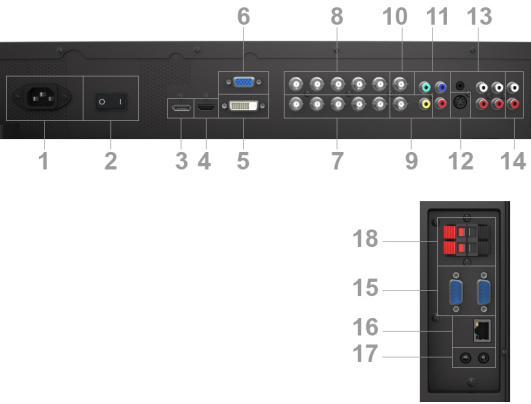
Intelligent Power Management Features - for reduced total cost of ownership (TCO)

P-Series - offer precise colour reproduction and DICOM gamma curve.

OUTSTANDING PERFORMANCE

- **Mediaplayer and Built-In PC.** NEC offers a mediaplayer and a built-in PC as playback devices as well as HD-SDI, DVI-Daisy chain boards and CAT5 extension as option slot modules.

- **DisplayPort and HDMI** along with a LAN interface for screen control are unique in this combination in a Public Display and secure future proofness.

- **Ambient Light Sensor.** With the ambient light sensor, efficient product design and high quality components power consumption is minimized.

- **OSD.** Information on the inside temperature through OSD and extensive user fan control are unique and secure unparalleled reliability. The displays can send alarm emails via free NEC LAN software in the unlikely event of a problem.

www.nec-display-solutions.com

1. AC IN connector

2. Main Power Switch

3. DISPLAYPORT connector

4. HDMI connector

5. DVI IN (DVI-D)

6. VGA IN (mini D-Sub 15 pin)

7. RGB/HV IN [R, G, B, H, V] (BNC)

8. RGB/HV OUT (BNC)

9. VIDEO IN connector (BNC and RCA)

10. VIDEO OUT connector (BNC)

11. DVD/HD connector (RCA)

12. S-VIDEO IN connector (Mini DIN 4 pin)

13. AUDIO IN 1, 2, 3

14. AUDIO OUT

15. EXTERNAL CONTROL (D-Sub 9 pin)

16. LAN port (RJ-45)

17. REMOTE IN/OUT

18. EXTERNAL SPEAKER TERMINAL

SPECIAL CHARACTERISTICS

User input priority definition; User defined input names; Scheduler Function (with RTC); Rapid input switching; PIP with 2 PC inputs; OSD rotation for portrait mode; Carbon footprint meter; User controllable fans with speed and threshold adjustments; Overheating protection

Energy Efficiency: Ambient light sensor; Carbon savings meter

Ecological Materials: Optional feet

Ecological Standards: EuP compliant

Technical Specification NEC MultiSync® P701	
DISPLAY	
Panel Technology	S-PVA TFT
Active Screen Area (W x H) [mm]	1549.4 x 871.6
Screen Size [inch/cm]	70 / 178
Aspect Ratio	16:9
Pixel Pitch [mm]	0.807 x 0.807
Brightness (shipping) [cd/m²]	600
Contrast Ratio (typ.)	2000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey); 8 (tr - tf)
Colours [Mio.]	16.77
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50.0 - 85.0
RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported	1440 x 1050; 1360 x 768; 1280 x 768; 1280 x 1024; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480; 1680 x 1050; 1600 x 1200
CONNECTIVITY	
Input Video Analogue	1 x D-sub 15 pin; 5 x BNC, Component, Composite (via BNC and Cinch); 1 x S-Video
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI; 1 x DisplayPort
Input Audio Analogue	2 x Cinch (RCA); 1 x Head-jack 3.5 mm
Output Video Analogue	Composite (BNC); 5 x BNC for RGBHV, Component and Composite; 1 x BNC composite out
Remote Control	RS-232C (9-pin D-sub) Input and Output; Ethernet; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
TV AND VIDEO	
Supported TV Standards (no tuner)	NTSC; PAL; SECAM
Video Modes (no tuner)	480i; 480p; 576i; 576p; 2 x720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
ELECTRICAL	
Power Consumption on Mode [W]	Power Consumption 600 (810 max)
Power Savings Mode [W]	< 1
Power Management	VESA DPMS
Power Requirements	100-120 V/220-240 V; internal power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +40
Operating Humidity [%]	20 to 80
MECHANICAL	
Dimensions (W x H x D) [mm]	With stand: 1682 x 1057 x 198; Without stand: 1682 x 1004 x 198
Weight [kg]	Without stand: 96
Bezel Width [mm]	62.4 (left and right); 63.4 (top and bottom)
VESA Mounting [mm]	400 x 400; 4 holes; M8
AVAILABLE OPTIONS	
Option Slot	CAT 5 receiver; HD-SDI board; DVI daisy chain board; Built-in PC; Media Player
Wall Mounts	Optional: W32-70
Stand	Optional
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Plug and Play	VESA DDC2Bi
Audio	Optional Speakers (15 W + 15 W)
Shipping Content	Signal Cable VGA - VGA; Display; Power Cable; Remote Control (IR); CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight

Empowered by Innovation

NEC