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NEC MultiSync® P461



*feet optional

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NEC Display Solutions

State-of-the-art professional Public Displays with highest standards in reliability and variability - for all kinds of Digital Signage Applications.

- 46 inch Public Display with professional full HD panel
- DisplayPort to support the latest interface standard
- High brightness with ambient light sensor up to 700 cd/m²
- Sophisticated multistep overheating protection with two temperature controlled fans
- Option Slot

NEC MultiSync® P461

TECHNICAL SPECIFICATIONS

Panel Technology	S-PVA TFT
Active Screen Area (W x H) [mm]	1018,4 x 572,5
Screen Size [inch/cm]	46 / 117
Pixel Pitch [mm]	0.461 x 0.461
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Screen Aspect Ratio	16:9
Contrast Ratio (typ.)	4000:1
Brightness (typ.) [cd/m²]	500 (factory setting), 700 peak
Response Time (typ.) [ms]	8 (grey-to-grey), 16 (6 white / black; 10 black / white), 8 (tr - tf)
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	31,5 - 91,1 (analog and digital)
Vertical Frequency [Hz]	50,0 - 85,0
Optimum Resolution	1920 x 1080 at 60 Hz
Native Resolution	1920 x 1080 at 60 Hz
Supported Resolutions	1680 x 1050; 1600 x 1200; 1440 x 1050; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 1 x S-Video; Analog: 5 x BNC, Component, Composite (via BNC and Cinch); Analog: 1 x D-sub 15 pin; Digital: 1 x DVI-D (with HDCP); Digital: 1 x HDMI; Digital: 1 x DisplayPort
Video Output	Analog: 1 x BNC composite out; Analog: 5 x BNC for RGBHV, Component and Composite; Analog: Composite (BNC)
Audio Input	2 x Cinch (RCA); 1 x Head-jack 3.5 mm
Audio Output	1 x Cinch (RCA)
Option Slot	Built-in PC; DVI daisy chain board; HD-SDI board; CAT 5 receiver
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	CE; ERP; TÜV GS; C-tick; Energy Star 5.0; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Power Consumption on Mode [W]	210 (at 500 cd/m2) (typ.); 210 (typ.); 360 (max.); 360W max. (with speakers and built-in PC 100% workload)
Power Management	VESA DPMS
Power Supply	100-120 V/220-240 V; 3,0 A/1,2 A; internal power supply
Ambient Temperature (operating) [°C]	+5 to +40 (influence on the max. brightness)
Ambient Humidity (operating) [%]	20 to 80
VESA Mounting [mm]	300 x 300; M6; 4 holes
Dimensions (W x H x D) [mm]	Without stand: 1055 x 609 x 140
Bezel Width [mm]	16,5 (left and right); 16,5 (top and bottom)
Weight [kg]	With stand: 30,3; Without stand: 36,1
Benefits	Carbon Footprint Meter; OSD rotation for portrait mode; Overheating Protection; PIP with 2 PC inputs; Rapid input changing; Scheduler Function (with RTC); user controllable fans with speed and threshold adjustments; user defined input names; user defined input priority
Supported TV Standards (no tuner)	SECAM; PAL; NTSC
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)
Audio Functions	Optional Speakers (15 W + 15 W)
Remote Control	Ethernet; RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping Content	Display; Power Cable; Signal Cable VGA - VGA; Remote Control (IR); CD-ROM (User Guides/Manuals); terminal cover
Stand	Optional
Warranty	3 years warranty incl. backlight

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