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NEC PlasmaSync® 50XC10

Stylish Plasma Public Displays for multimedia applications and design oriented installation purposes.

- Stylish design
- 50" WXGA resolution with aspect ratio 16:9
- HDMI and DVI with HDCP support
- Overheating Protection
- 1080p and 24p compatible

see more.

NEC Display Solutions

NEC PlasmaSync® 50XC10

TECHNICAL SPECIFICATIONS

Screen Size [inch/cm]	50 / 127
Native Resolution [pixels]	1365 x 768
Active Screen Area (W x H) [mm]	1106 x 622
Aspect Ratio	16:9
Viewing Angle [°]	Over 160
Contrast Ratio (typ.)	15000:1
Brightness (typ.) [cd/m²]	1500
Real Colour Reproduction	1 billion colours, 1024 steps (10 bit)
Digital Zoom [%]	100 - 900 (selectable)
Picture Modes	Bright / Normal / Theatre 1 / Theatre 2 / Default
Enhanced Split Screen	PIP (4 modes); Side by Side (6 modes); Sub Picture Detect / Fade / Transparency
Motion Compensated 3D Scan Converter	PAL; NTSC; 480i; 576i; 525i; 625i; 1035i; 1080i
Complete Progressive Support	480p at 60Hz; 720p at 50/60Hz; 1080p at 24/25/30/50/60Hz; 576p at 50Hz; PC: W-UXGA (1920 x 1200 max)
Noise Reduction	NR-1, NR-2, NR-3
Aspect Mode	Normal; Zoom; Full; Dynamic; 2.35:1; 14:9; Underscan
PDP Screensaver	PLE (3 modes); Inverse; White; Orbiter (5 modes)
Tuner	Optional
Composite 1	1 x RCA
Composite 2	-
S-Video	1 x 4 pin Din
SCART 1	RGBs (via Adapter at DVD/HD1) (DVD/HD1 and RGB inputs support different signals)
SCART 2	RGBs (via Adapter at RGB) (DVD/HD1 and RGB inputs support different signals)
Component 1	1 x RCA (Y, Pb[Cb], Pr[Cr])
Component 2	1 x RCA (Y, Pb[Cb], Pr[Cr])
PC (RGB)	1 x 15 pin D-Sub (RGBHV/RGBs)
DVI-D / HDMI	1 x DVI-D (with HDCP) / 1 x HDMI
Audio	1 x RCA Phono (L+R)
Speaker Output	8 + 8 W at 8 Ω
Front Panel User Controls	Power ON/Standby, Audio Mute, Input Select/(Set), +/(Right), -/(Left), Up, Down, Exit/Menu
Serial Communication	1 x D-Sub 9 pin Serial (RS-232C, In/Out); Daisy Chain; AMX Café Duet
Power Supply	100 to 240 V at 50/60Hz
Power Consumption (typ.) [W]	370
Current Rating (max.) [A]	6.0
Dimensions (W x H x D) [mm]	1221 x 748 x 130
Net Weight [kg]	Without stand: 49.0; With stand: 59.0
Temperature [°C]	+0 to +40 (operating) / -10 to 50 (storage)
Humidity [%]	20 to 80 (operating) / 10 to 90 (storage) - non-condensing
Altitude [m]	0 to 2000 (6160 feet, operating) / 0 to 3000 (9510 feet, storage)
Safety and Ergonomics	CE; Safety Regulations: IEC60065:2001, EN60065:2002; RoHS; TÜV GS
Options	Speakers; Stand
Special Features	3-2/2-2 Pull-down Converter; 3D Scan Converter; Auto Luminance Management; Auto Picture; Burn In Reduction Tools; Colour Tune; Digital Zoom; Gamma Correction; Overheating Protection; Remote-ID up to 26 devices

The plasma display screen, also called „panel", is comprised of tiny image elements (cells). Although NEC manufactures these plasma displays with 99.99 % of their cells active, individual cells may occasionally produce no light or remain lit when they should have turned off. The brightness of a plasma display declines during the course of the unit's lifetime. Static images should not be displayed over a longer period of time, as this may cause phosphor burn on certain areas of the screen. Phosphor burn is not covered by the warranty. Please note our terms and conditions of our guarantee at www.nec-display-solutions.com.

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