

Specifications: **61XM4**

The latest generation **PlasmaSync 61" XGA** plasma pushes the industry standards of picture performance to extremes, especially in both public and multimedia display applications.



HD
ready

- 61-inch wide XGA Plasma
- 1365 x 768 pixel resolution
- Only 61kg
- 900% Smooth Digital Zoom
- HD Ready (720p, 1080i @ 50/60Hz)
- Enhanced Split Screen
- New LSI (Enhanced MASS and AccuDevice)
- Burn In Reduction Tools



PlasmaSync™

61XM4 61" Wide XGA Multimedia Display

Specifications: 61XM4

Product Code		PX-61XM4
Screen Size		1351 (H) x 760 (V) mm
Diagonal		61 inch (1550 mm)
Front Filter		AR (Anti-Reflective)
Aspect Ratio		16:9
Resolution		1365 (H) x 768 (V) pixels
Pixel Pitch		0.99 (H) x 0.99 (V) mm
Pixel Arrangement		RGB Vertical Stripe
Colour Processing		68.7 Billion, 4096 steps (12 bit)
Signals Synchronization Range		Horizontal: 15.5 to 110KHz (automatic: step scan) Vertical: 50.0 to 120.0 Hz (automatic: step scan)
Input Signals		Video: Composite / S NTSC(3.58 / 4.43) PAL(B,G,N,M), PAL60, SECAM; DTV: Y,Pb(Cb),Pr(Cr),RGB; PC: (VGA, SVGA, XGA, SXGA, UXGA, W-VGA, W-XGA, W-SXGA, W-UXGA, MAC(Sync on green))
Input Interface	RGB 1	Mini D-Sub 15pin x 1
	RGB 2	BNC (R,G,B, H/CS, V) x 1
	RGB 3	DVI-D 25pin x 1 HDCP (EIA/CEA-861)
	Video 1	BNC 1pin (Composite Video)
	Video 2	RCA 1pin (Composite Video)
	Video 3	S-Video DIN 4pin x 1
	DVD 1 / HD 1	RCA-pin (Y, PB[CB], PR[CR]) x 1
	DVD 2 / HD 2	BNC (Y, PB[CB], PR[CR]) x 1 (shared with RGB2, selectable)
	DVD 3 / HD 3	DVI-D 25pin x 1 HDCP (EIA/CEA-861) (shared with RGB3, selectable)
	Audio	Stereo RCA x 3 (selectable)
Output Interface	Video	BNC 1pin (shared with Video 1 input, selectable)
	RGB	Mini D-Sub 15pin x 1 (shared with RGB 1 input, selectable)
	Sound Output	9W + 9W at 6 Ohms
External Control	RS232	D-Sub 9pin Serial
Wired Remote Input Terminals		3P plug
Wired Remote Output Terminals		3P plug
General	Power Supply	AC 100 - 240V 50/60Hz
	Current Rating	8.0 A (Max)
	Power Consumption	540 W (Typ)
	Dimensions	1470(W) x 880(H) x 119(D) mm
	Weight	61.0 kg
	Fan Noise	22 dBA
Environmental Considerations	Temperature	(Operating) 0°C to 40°C, (Storage) -10°C to 50°C
	Humidity	(no condensation): (Operating) 20% to 80%, (Storage) 10% to 90%
	Altitude	(Operating) 0 to 2800m, (Storage) 0 to 3000m
Front Panel User Controls	6 Keys	Input Select / Exit, Right / +, Left / -, Up, Down, Menu / Enter
Remote Controller Functions	Type RP-115	Power on, Standby, Video, DVD / HD, RGB / PC, Cursor(Up, Down, Left, Right, Menu / Enter, Exit, Volume Up / Down, Mute, Pointer, Zoom +-, Wide, Display, Off Timer, Auto Adjust, Select / Freeze, Side by Side, Picture in Picture, Single ID Select, Clear / Seamless SW
OSM Functions	Picture	Contrast / Brightness / Sharpness / Colour / Tint / Picture Mode / Noise Reduction / Colour Temperature / White Balance / Gamma / Low Tone / Colour Tune
	Audio	Bass / Treble / Balance / Audio Input 1 / Audio Input 2 / Audio Input 3
	Image Adjust	Aspect Mode / V-Position / H-Position / V-Height / H-Width / Auto Picture / Fine Picture / Picture Adjust
	Option 1	OSM / BNC Input / D-Sub Input / RGB Select / HD Select / Input Skip / All Reset
	Option 2	Power Management / Cinema Mode / Long Life [PLE / Orbiter / Orbiter Set / Inverse / White / Screen Wiper / Soft Focus] / Gray Level / S1/S2 / Picture Size / DVI Setup
	Option 3	Timer / Pwr. On Mode / Control Lock / IR Remote / Loop Out / Remote ID / ID Number / Video Wall [Divider / Position Disp. Mode / Auto ID / Image Adjust / P. ON Delay / PLE Link / Timer]
	Option 4	Sub Picture [Sub. P. Detect / Display / Sub. P. Rate] / Zoom Nav / Picture Freeze / Seamless SW / Text Insert [Input / Display / Sub. P. Rate]
	Advanced OSM	On/Off
Language	[English / German / French / Spanish / Italian / Swedish / Chinese / Russian / Greek / Portuguese / Turkish]	
Colour System	Auto / PAL / PAL-M / PAL60 / SECAM / 4.43 NTSC / 3.58 NTSC	
ID Select	ID Number	
Other Features	Motion Compensated 3D Scan Converter: [NTSC, PAL, 480i, 576i, 525i, 625i, 1035i, 1080i]; 2-3 pull down Converter: [NTSC, 480i, 525i, 1035i, 1080i (60Hz)]; 2-2 pull down Converter: [PAL: 576i, 625i, NTSC: 480i, 525i]; Digital Zoom Function: (100 - 900% Selectable); Video Wall 4-25 Multi Screen; Self Diagnosis (RS232 commands); Burn In Reduction Tools [PLE LOCK 1-3, INVERSE, WHITE, FLUID ORBITER (Auto 1,2 / Manual), SCREEN WIPER, SOFT FOCUS]; Colour Temperature select (High / Mid / Mid-Low / Low, User has 4 Memories); Control Lock: (Except power SW); Auto Picture; Input Skip; Colour Tune [R, G, B, Yellow, Magenta, Cyan]; Low Tone (3 Modes); Auto ID; Programmable Timer; Gamma Correction (4 Modes); Loop through interface; Plug and Play (DDC1, DDC2b, RGB3: DD2b only); Split Screen Function: Side by Side (6 Modes) / Picture in Picture (4 Positions, 4 Sizes)	
Accessories	Remote Control with two AAA batteries, Power Cable, Manual, Safety Metal Fixings, Ferrite Cores, Bands, Cable Clamps	
Regulations	Safety	IEC60950-1, 2001, EN60950-1, 2001
	EMC	EMC: EN55022:1998+A1:2000+A2:2003 class B, EN55024:1998+A1:2001+A2:2003, EN61000-3-2:2000, EN61000-3-3:1995+A1:2001, AS / NZS CISPR22:2004 class B

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PlasmaSync™ and OSM are trademarks of NEC Corporation. The plasma display panel consists of the fine picture elements (cells). Although NEC produces these plasma display panels with more than 99.99% of their cells active, there may be some cells that do not produce light or remain lit after they should have turned off. Light output of a PDP module gradually decreases over long-term use. Do not display static images for prolonged periods, otherwise a phosphor burn may appear on a part of the panel. Phosphor burns are not covered by the warranty. Status December 2005. Specifications may change without notice.



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