

## Features

**XGA Resolution-** The PDP-V501X Plasma Display Panel can reproduce true XGA computer image resolution which is 2.5 times superior in definition to conventional VGA, on similarly sized screens. Additionally, an SXGA (1280 x 1024) signal is displayable through compression. This flexibility opens up a world of presentation solutions.

**HDTV and SDTV Compatible-** The PDP-V501X is compatible with both High Definition Television (HDTV) and Standard Definition Television (SDTV) signals through YPbPr, YCbCr and RGB inputs. (External receiver/converter required to receive HDTV and SDTV broadcasting.)

**Unmatched Brightness-** Pioneer has developed the optimum construction of electrodes and picture cells to achieve outstanding brightness of 350cd/m<sup>2</sup>. This brightness allows the Plasma Display to make a big impact in normal ambient lighting conditions.

**Slim Size and Light Weight Design-** One of the most attractive features of Pioneer's Plasma Display is its revolutionary 3.86" depth and

light 94.7lbs. weight in a 50-inch diagonal screen. A configuration that is impossible for direct-view-type CRTs to achieve due to their physical limitations. This convenient, flexible size allows limitless installation options.

**Easy Setup with Optional Mounting Brackets-** The PDP-V501X is a stand-alone display and does not require any separate units to operate. All In/Output terminals are incorporated into the rear panel. Seven different optional brackets give a wide variety of installation options from wall mounting to suspended in the air.

**Slim Design Optional Speaker System-** The PDP-S02-LR uses a Vertical-Twin design, which positions three speakers vertically with a 1" (25mm) dome tweeter at center and two 1.85" (47mm) long-oval shape units at the top and bottom. This structure improves sound presence and localization, expands low frequency fields, and provides enriched dynamic bass sound from a compact 3" (74mm) wide cabinet.

## Specifications

PICTURE PERFORMANCE	
Plasma Display Panel Size	50 inches (Diagonal)
Aspect Ratio	16 : 9
Number of Pixels	1280 x 768
Cell's Aspect Ratio	1 : 1.06
Cell Size	0.808 x 0.858 mm
Colors	256 gray scale/16.8 million
Brightness	350cd/m <sup>2</sup> (without a filter)
Viewing Angle (Horiz/Vert)	more than 160°/160°
Color System	NTSC
	SDTV (480 p 480 i)
	HDTV (720 p & 1080 i)
	Hi-Vision
Computer Signals	1280 x 1024 (*1)
	1280 x 768 (*2)
	1152 x 870 (*1)
	1024 x 768
	852 x 624
	800 x 600
	640 x 480
	640 x 400

(\*1) Partial and Compressed Display, (\*2) Video Card which supports 1280 x 768 required

GENERAL	
Power Requirement	AC 100 - 120V 50/60Hz
Power Consumption	555W
Dimensions	
Width	47.95 inches (1218mm)
Height	28.11 inches (714mm)
Depth	3.86 inches (98mm)
Weight	94.71 lbs. (43kg)

## Optional Mounting Brackets

PDK-5001	Table Top Stand
PDWB-5001	Flat Wall Mounting Bracket
PWM-502	15° Tilt Wall Mounting Bracket
PCA-1	Ceiling Mount Adapter for Single Bracket
PCA-2	Ceiling Mount Adapter for Double Brackets
PSA-1	Ceiling Suspension Adapter for Single Bracket
PSA-2	Ceiling Mount Adapter for Double Brackets



The Art of Entertainment

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INPUT	
Input 1 (S-Video Input is prioritized)	
Composite Video	BNC x 1 & RCA x 1
S-Video	mini DIN 4 pin x 1
Input 2	
Component Video	RCA Pin x 3
Input 3	
Component Video or RGB	BNC x 5
Input 4	
Component Video or RGB	mini D-sub 15pin x 1
OUTPUT	
Output 1	
Composite Video (Buffered INPUT 1)	BNC x 1
Output 2	
RGB (Buffered Input 4)	mini D-sub 15pin x 1
CONTROL	
RS-232C	mini D-sub 9pin x 1
ABL Combination Input/Output	mini DIN 6pin x 2
SR Input/Output	stereo mini pin x 2

COMPATIBLE VIDEO SIGNALS	Vertical (Hz)	Horizontal (kHz)
Input 2	60	15.734
	60	31.5
Input 3 and 4	60	15.734
	60	31.5
	60	33.75
	60	45.0

COMPATIBLE PC SIGNALS FOR INPUT 3 & 4	Vertical (Hz)	Horizontal (kHz)	
Resolution			
1280 x 1024 (*1)	60	64	
	56	45.1	
	1280 x 768 (*2)	75.1	68.7
		60	48.4
		70.1	56.5
	1024 x 768	74.9	60.2
		75	60
87 (*3)		35.5	
832 x 624		74.6	48.7
		56.3	35.2
800 x 600	60.3	37.9	
	72.2	48.1	
	75	46.9	
	59.9	31.5	
	72.8	37.9	
	75	37.5	
	66.7	35.0	
640 x 480	70.1	31.5	
	640 x 400	70.1	31.5

(\*1) Partial and Compressed Display, (\*2) Video Card which supports 1280 x 768 required, (\*3) Interlace Only