FUJITSU

Plasmavision™ *W*

42" Color Plasma Display Monitor

FUJITSU GENERAL LIMITED

The Display of the 21st Century,
that fully loads attractive functions in its stylish body.

High Definition & High Quality Picture

High Resolution

Equipped with a high resolution panel of 1024×1024 pixels in an aspect ratio of 16:9. The display is compatible with 1080i HDTV format of the next generation high picture quality digital system. Also displays various picture signals such as XGA, SVGA, VGA computer images.

High Brightness

High brightness of 500 cd/m² (+80% compared to our conventional model)

High Function & Convenience Design

Improvement for Installation

①The cables can be connected after mounting the display on a wall.
(using optional wall mount bracket)

②Cross shaped indent structure for easy and neat cabling arrangement.

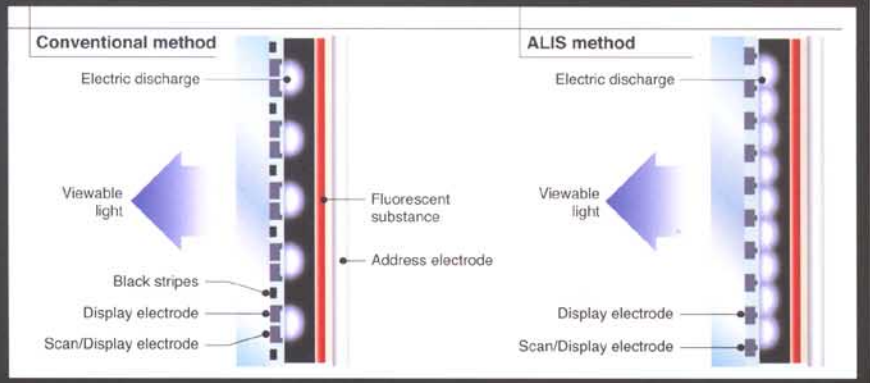③Connector cover to hide connector cables in the rear for neat appearance.

◀ insert cable ▶
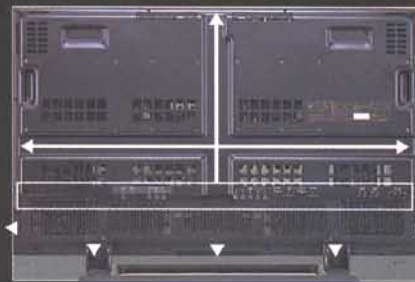
Variety of Input Terminals for the Digitalization Age

①**Component video input×1**···HD signal(1080i/720p) and 480i/480p signal in high quality pictures.

②**RGB input×2**···Complies with XGA high resolution input signal.

③**S-Video input×1/Composite Video input×1**

④**7W+7W audio amplifier and external speaker terminal**···Optional speaker has versatile installation such as attaching to both sides of the display or using as desktop type. (optional speaker and speaker stand)

⑤**Wide function of display mode**···Normal/Auto/Wide 1/Wide 2/Zoom 1/Zoom 2 are available to match various aspect ratio signals.

⑥**Complies with worldwide video systems**···NTSC/4.43NTSC/PAL/SECAM/M-PAL/N-PAL signals.

| POWER INPUT | VIDEO INPUT | S-VIDEO INPUT | COMPONENT VIDEO INPUT | RGB2 INPUT | RGB1 INPUT | RS232C | AUDIO2 INPUT | AUDIO1 INPUT | AUDIO OUTPUT |

ALIS method
(Alternate Lighting of Surfaces method)

High definition and high brightness is realized by displaying 1024 scanning lines with same 512 lines of scanning electrodes as conventional system, by discharging alternately the spaces between the display electrodes and the scanning display electrodes, not being used in the coventional system.

Conventional method	ALIS method
Electric discharge	Electric discharge
Viewable light	Viewable light
Fluorescent substance	
Address electrode	
Black stripes	
Display electrode	Display electrode
Scan/Display electrode	Scan/Display electrode

Super-Thin (85mm) and Light Weight (31.5kg)

Complying with Electromagnetic Wave Standard Class B

Electromagnetic wave standard class B, required in the home market all over the world, is achieved. (Model PDS4222)

User Friendly Operation

①Retractable function keys under the unit
②Remote control unit with multi function keys
③ICON style on-screen display
(vertical/horizontal selectable)

Retractable function key

simple remote controller

Various Functions

①The display ID function
(individual remote control possible up to 4 sets for multi screen applications)
②The remote control function through connected PC using RS-232C terminal.
(on-off and input mode change)
③Input signal priority function. (Automatic priority picture display)
④DPMS (Display Power Management Signaling) function for power saving.
⑤Screen saver function to minimize phosphor burn-in.

Possible to make the most suitable system integration for every possible scenes, [Plasmavision™] will change visual communications.

Dimensions

522   640

922

1035

85

42" Plasma Display Monitor:PDS4221/PDS4222 (with Optional Desk Top Stand)
■OD:1035(W)×640(H)×85(D)mm

Unit:mm

Power Source	100~240V AC, 50/60Hz		
Power Consumption	4.3A		
Display Panel	Screen Size		922(W)×522(H)mm (Wide 42 inch diagonal)
	Aspect Ratio		16:9
	Number of Pixels		Horizontal 1024 × Vertical 1024
	Displayable Colors		16.77 million colors (RGB 10 bit each)
	Viewing Angle		Over 160 degrees
Display Modes	Normal : 4:3 video image displayed in center of screen		
	Wide : Display wide horizontal expansion of 4:3 video image for screen display of VGA, Video		
	Zoom : Overall expansion of 4:3 video image for full screen display (Top and bottom of image are cut.)		
	Auto : Wide, zoom and so on are automaticaly selected depending on video image input (only Video, S-Video input)		
Video System	NTSC, PAL, SECAM, 4.43NTSC, M-PAL, N-PAL		
Dimensions	1035(W)×640(H)×85(D)mm		
Weight	31.5kg (69.4lbs)		
Audio Output	Built in Speakers		1W+1W (Stereo)
	External Speakers		7W+7W/8Ω (Stereo)
Input/Output	Video	Video input	BNC connector (1-input terminal) : 1.0Vp-p/75Ω
		S-Video input	S-terminal Y : 1.0Vp-p/75Ω C : 0.286Vp-p/75Ω (3.58, 4.43MHz/NTSC)
			0.3Vp-p/75Ω (PAL/SECAM)
	Component Video		BNC connector ×3
			Y : 1.0Vp-p/75Ω
			PB/CB : 0.7Vp-p/75Ω
			PR/CR : 0.7Vp-p/75Ω
	RGB 1	Analog RGB input	mD-Sub 15pin (3 row type)
	RGB 2	Analog RGB input	BNC connector ×5 (R, G, B, H, V)
	Audio	Audio input	RCA-pin connector (L/R input terminal)×2
			Each connector is selectable for visual input
		Audio output (external)	Speaker terminal (Stereo)
	Control	RS-232C	D-Sub 9pin (2 row type)
Operating Conditions	Temperature : 0 to 40℃, Relative humidity : 20 to 90%(Not condensing)		
Regulations	PDS4221 : FCC part 15 class A, ICES-003 class A, EN55022 class A, AS/NZS3548 class A		
	PDS4222 : FCC part 15 class B, ICES-003 class B, EN55022 class B, AS/NZS3548 class B		

*The plasma display has been built using extremely precise and sophisticated technologies. More than 99.99% of its pixels are effective. However, a minute number of pixels are missing or constantly lit.
*Do not display the same picture (pattern) continuously for a long time. It may cause after-images.
*Plasmavision™ is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, U.S.A. and other countries or areas.
*Specifications and design subject to change without notice for further improvement.
*Plasmavision™ will not be affected by the problem related with the major date change from December 31, 1999 to January 1, 2000. (so called the Year 2000 transition problem of computer)

Options

Speaker Units	Desk Top Stand	Wall-mounting Bracket	Ceiling-mount Bracket	Graphic Board

Speaker:P-42SP11-H
■OD:100(W)×640(H)×85(D)mm

Speaker Stand:P-42ST11-H
■OD:230(W)×102(H)×200(D)mm

Type:P-42TT11-B
■OD:
678(W)×215.7(H)×352(D)mm
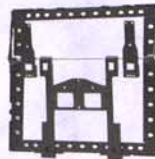
Type:P-42WB11-B
■Installation:Vertically/Horizontally
■Mounting angle:
　0~15 degrees(Horizontally)
　0~5 degrees(Vertically)
■OD:532(W)×519(H)×15(D)mm

Type:P-42CT11-B
■Installation:Vertically/Horizontally
■Mounting angle:
　0~15 degrees(Vertically/Horizontally)
■OD:365(W)×210(H)×112(D)mm

Wide Output Board
Type:P-42GA04
■IBM PC Compatible with PCI Bus