16:9 Plasma Display Monitor

GD-V4200PZWG 42"

Thin and Light; easy to mount at space saving locations like walls, from ceilings or free standing anywere.
- **Only 3.5 inches (8.9 cm) deep.**
- **84 lbs (38 kg), less than half the weight of an equivalent size CRT.**
- **Meets NC30 noise criteria for installation in quiet environments**

Vivid and natural high quality images
- **Super Bright 240 cd/m² images suitable for sunlit or outdoor applications**
- **Full 256 levels for each RGB color, for a total of 16.77 million colors.**
- **Contrast ratio greater than 500:1**
- **Accepts video pictures in NTSC, PAL, SECAM SECAM and DTV 480p, 480i, 720p and 1080i.**
- **Accepts multimedia images in "Wide VGA (853 x 480)", VGA, SVGA and XGA modes.**
- **Wide range of signal frequencies;**
  Horizontal: 15.625 to 56.48 kHz
  Vertical: 50 to 75 kHz
- **Blue color enhancing filter**
- **Outline correction circuit counteracts "stripe noise"**
- **Non-interlace display technology minimizes eye strain with flicker free images**
- **Wide 160 degree horizonal and vertical viewing angles with uniform pictures to the very corner of the display**
- **Plasma system is immune to picture distortion from electrical fields in devices like audio speakers.**
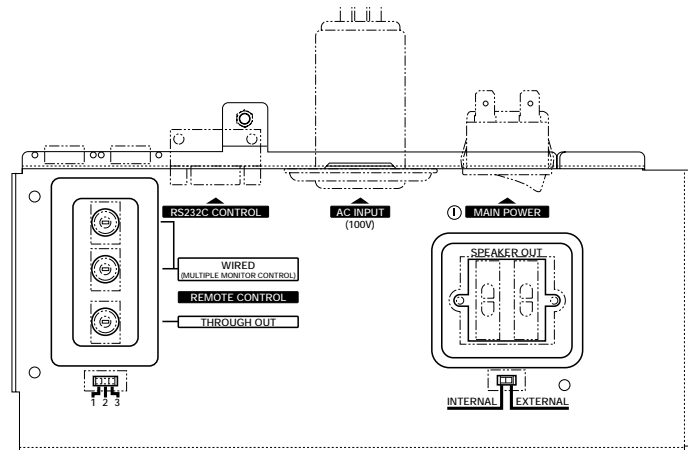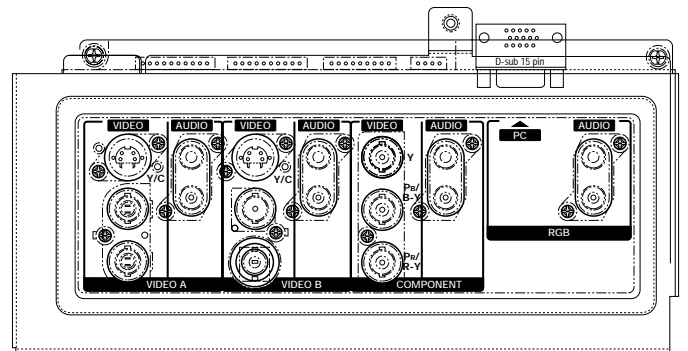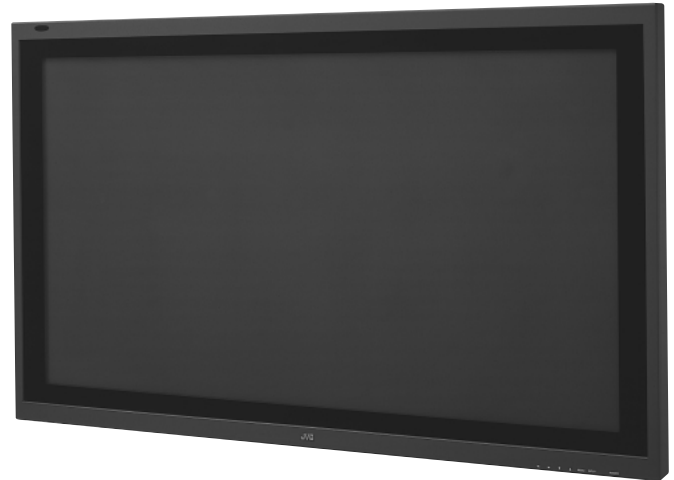
Wide range of useful functions
- **SVGA, XGA, 720p and PAL/SECAM images automatically converted for display.**
- **Selectable widescreen modes: standard and expanded 640 x 480, normal 4:3, Auto detect, Uniform center, vertical shift and squeeze for captions, zoom and horizontal zoom**
- **Vertical mounting, for use as digital poster**
- **Multilink remote control system allows multiple displays to be linked one to the next and controlled independently or simultaneously**
- **RS-232C control**
- **Color temperature adjustable**
- **White balance adjustable**
- **Power for external speakers**

Easy main tainence
- **"All White Pattern" display mode easily eliminates after images, known as persistence of vision**
- **Screen Saver mode scrolls image in 4 directions once every few minutes for persistance free display of still images for long periods of time.**
- **Power saver mode switches to standby after several minutes of with no signal input.**
- **Operational Hours metering function**
- **Coded signs from Self-diagnosis LED identify service issues.**

Accessories
- **Desk stand**
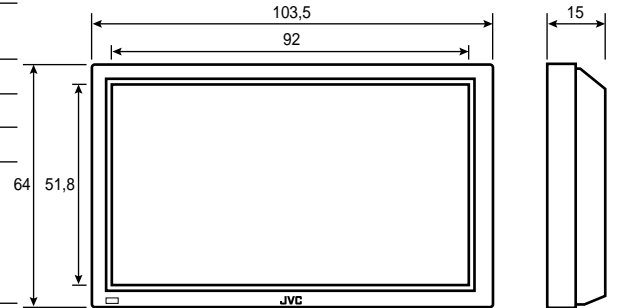- **Wall mount variable: 0 to 15°**
- **Suspended mount: 0 to 15°**

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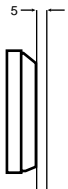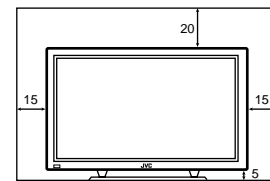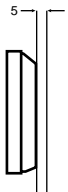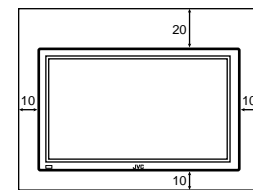**Dimensions**

Unit: cm

Screen size	921 (W) x 518.4 (H) mm (36-1/8" x 20-1/2") (wide 42-inch diagonal)
Aspect ratio	16:9 wide (width-to-height ratio of screen)
Viewing angle	160°
Display colors	16,770,000 (RGB each of 256 levels)
Input resolution (H x V)	640 x 480 (4:3) 853 x 480 (16:9) (need special video card for full 853 pixels) 800 x 600 (Displayed at 640 x 480 or wide mode with typical video card) 1024 x 768 (Displayed at 640 x 480 or wide mode with typical video card)
No. of pixels	Horizontal 853 x Vertical 480 pixels
Display modes	
	Full Displays wide horizontal expansion of 4:3 VGA video image for full-screen display Normal 4:3 video image displayed in center of screen Cinema/Panorama Overall expansion of 4:3 video image for full-screen display (top and bottom of image are cut)
Input connectors	
	Video input 1.0 V (p-p), 75 ohms (BNC) S-Video inputS-Video terminal (mini DIN 4-pin) x 1 Y: 1 V (p-p)/75 ohms, C: 0.286 V (p-p)/75

ohms	Component video input Y: 1.0 V (p-p)/75 ohms (BNC)
	      P_B/B-Y 0.7 V (p-p), 75 ohms (BNC)
	      P_R/R-Y 0.7 V (p-p), 75 ohms (BNC)
	Video systemNTSC/PAL/SECAM/N-PAL/M-PAL/4.48NTSC
	Analog RGB input (PC) InD-sub 15-pin (3-row) x 1,
	      Video signal: 0.7 V (p-p)/75 ohms
	      Sync signal: TTL level or 0.3 V (p-p)/75ohms
	Display frequency Horizontal: 15.625 kHz to 56.48 kHz
	      Vertical: 50 Hz to 75 Hz
	Audio input RCA pin jacks x 2 (L/R)
	      500 mVrms 22 kohms min.
	Control signal RS-232C D-sub 9-pin x 1

Weight	38 kg (84 lbs.)
General	
Power requirements	100 - 240 V AC, 50/60 Hz
Power consumption	320 W (3.5 A)
Audio output	(2 W + 2 W) for external speakers
Speakers	Two built-in speakers
Operating environment conditions	
	Temperature range 0°C to +40°C (32°F to 104°F) Humidity range 20% to 90%, non condensation

Optional Accessories

TS-C420P1W
Stand Unit
(Vertical mode)
Dimensions:
500 (W) x 607.2 (H) x 700 (D) mm
(19-11/16" x 23-15/16" x 27-5/8")

(Horizontal mode)
Dimensions:
700 (W) x 384.6 (H) x 452 (D) mm
(27-5/8" x 15-3/16" x 17-13/16")

TS-C420P2W
Wall Mounting Unit
Mounting angle:
 0°, 5°, 10°, 15°
Dimensions:
494 (W) x 529 (H) x 47 (D) mm
(19-1/2" x 20-7/8" x 1-7/8")

TS-C420P3W
Ceiling Mounting unit
Mounting angle: 0°
Dimensions

TS-C42P6W
Wide Video Card
PCI bus for IBM
PC/AT and compatibles

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