

PTM-4202

42-Inch Plasma Display Monitor



**BRIGHTER AND SHARPER –
SENSATIONAL PICTURE QUALITY FROM A REMARKABLE MONITOR**

■ Features

- 500:1 Contrast Ratio
- Super Bright Picture (240cd/m²)
- 16.77 Million Colors/256 Levels
- WideViewing Angle (160 Degree)
- Selectable Wide-Screen Mode
- 42-Inch Wide Screen (16:9)
- NTSC/PAL/SECAM Compatibility
- Wall/Ceiling Mountable
- BNC, Y/C and DVD Inputs
- Y/Pb/Pr, DTV Component Signal Inputs (1080i, 720p & 480p)
- RS-232C Connectors
- S-VGA-XGA Compatible

PTM-4202

■ Description

Incorporating major improvements to contrast and brightness, the PTM-4202 delivers even more vivid, high-resolution pictures. Images so bright and so clear you can view them perfectly in places where there is strong ambient light. The 42-inch wide-screen display, with its flat screen and zero distortion, has variable wide aspect ratios from 4:3 to 16:9 – all from a unit that is just 3.5 inches deep. It also features terminals for full multimedia and DTV compatibility. And, you can put it anywhere—hang it on a wall, suspend it from a ceiling, or embed it in a desk. All of which give the PTM-4202 plasma display monitor unrivalled flexibility for applications ranging from multimedia presentations and video posters to displaying real-time text and image information.

■ Specifications

Display Panel

Screen size (WxH)	36-3/8x20-1/2 inches/921x518.4mm (wide 42-inch diagonal)
Aspect ratio	16:9 wide (width-to-height ratio of screen) 4:3/16:9 selectable)
Viewing angle	160°
Display colors	16,770,000 (RGB each of 256 levels)
Resolution (HxV)	640x480 (4:3) 853x480 (16:9) S-VGA:800x600 (Displayed at 640 x 480)
No. of pixels	Horizontal 853 x Vertical 480 pixels
Display modes	
Regular (4:3)	4:3 video image displayed in center of screen
Full (16:9)	Displays wide horizontal expansion of 4:3 VGA video image for full-screen display
Zoom/Panoramic (16:9)	Overall expansion of 4:3 video image for full-screen display (top and bottom of image are cut)
Input connectors	
Video inputs (A/B)	1.0 V(p-p), 75 ohms (BNC)
S-Video inputs (A/B)	S-Video terminal (mini DIN 4-pin) x 2 Y:1 V(p-p)/75 ohms, C:0.286V(p-p)/75 ohms
Component video Input	Y:1.0 V(p-p), 75 ohms (BNC) Pb/B-Y:0.7 V(p-p), 75 ohms (BNC) Pr/R-Y:0.7 V(p-p), 75 ohms (BNC)
Video system	NTSC/PAL/SECAM
Analog RGB Input (PC)	mD-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)/75 ohms
Display frequency	Horizontal: 15.625 kHz to 56.48 kHz Vertical: 50 Hz to 75 Hz
Audio input	RCA pin jacks x 4 (L/R) 500 mVrms, 22 k ohms min.
Control signal	RS-232C D-Sub 9-pin x 1 (female)
Weight	84 lbs./38 kg.

General

Power requirement	100 – 240 VAC, 50/60 Hz
Power consumption	320 W (3.5 A)
Audio outputs	(2 W + 2 W) x 2 for external speakers
Operating environment Conditions	
Temperature range	32° F to 104° F (0° C to +40° C)
Humidity range	20% to 90%, non-condensation
External dimension	40-3/4 x 25-1/4 x 3-5/8 inches (1035 x 640 x 89mm)

Design and specifications are subject to change without prior notice.