



- 10,000:1 contrast ratio
- 852 x 480 native resolution
- 1,500 cd/m² brightness (typical)
- Exclusive DNle image-enhancing technology
- Built-in video wall processor
- Multiple burn-in prevention features

The most powerful messages are the ones communicated most clearly. The PPM42M5S features an extraordinary 10,000:1 contrast ratio that enhances the detail delivered by a 16:9 aspect ratio, 852 x 480 native resolution and 1,500 cd/m² brightness, while our exclusive Digital Natural Image enhancement technology provides noticeably more natural color and detail. There's also a built-in video wall processor, burn-in prevention technologies, built-in stereo amplifier and a picture-by-picture feature for video conferencing.

PPM42M5S

42" Widescreen Plasma Monitor

SAMSUNG



PPM42M5S

42" Widescreen Plasma Monitor

Specifications	
Panel Diagonal Size	42"
Screen Aspect Ratio	16:9
Pixel Pitch	1.095 x 1.110
Brightness	1,500 cd/m ² (typical)
Contrast	10,000:1 (typical)
Output Color	1.07 billion colors
Viewing Angle (H/V)	160°/160°
Scanning Frequency	Horizontal: 29.8 – 70KHz, Vertical: 56 – 85 Hz
Active Native (Recommended) Resolution	852 x 480
PC Signal Compatibility	VGA – WXGA
Video Signal Compatibility	480i, 480p, 720p, 1080i, C-Video, S-Video and RGB
SD/HD Video Output	SD
Input Terminals	Composite Video: 1 x RCA Component Video 1: 3 x RCA (Y/Pb/Pr) S-Video: 1 x DIN 4-Pin DVI – 1 x 29-Pin DVI PC 1 – 1 x D-Sub 15-Pin PC 2 – 5 x BNC (RGB/H/V) RS232C – 1 x D-Sub 9-Pin
Output Terminals	Audio – 2 x mini jack (for DVI, and D-sub 15), 2 pair RCA (L/R) (for Component, and Composite/S-video) Composite Video – 1 x RCA Audio – 1 pair RCA (L/R) Speaker – external speaker jack (10W x 2) RS232C – 1 x D-Sub 9-Pin RGB 1 – 1 x D-Sub 15-Pin
External Control	IR remote controller Built-in keys (Power, Source, Menu, Volume, Select) RS232C (with Daisy Chain Out)
Special Features	Multi-layer anti-reflection filter Image retention and burn-in protection (Auto Pixel Shift, Signal Pattern Processor, All White) Multi-region color system (PAL, SECAM, NTSC 3.58, NTSC 4.43) 3D comb filter Selectable color temperature Selectable picture mode Multiple Display Control (RS232C) Display power management signaling Digital noise reduction Progressive scan Variable Aspect Ratio Picture in picture, picture by picture Clock and clock phase adjustment On/off timer Digital zoom, picture freeze Built-in matrix video wall processor (2 x 2, 3 x 3, 4 x 4, 1 x 5, 5 x 1) with Natural mode DNE picture compensation algorithm
Operating Condition	Temperature: 32°–104°F, Humidity: 20 – 80%, RH, Noncondensing, Altitude: 700 MB – 1,114 MB, Approx. 6500 – 0 Feet
Warranty	2 year parts and labor
Safety Regulations	CE, UL1492, UL6500, CSA C22.2, FCC Class A
Power Requirement	100 – 250V (50/60Hz)
Power Consumption	290 watts
Dimensions (W x H x D)	40.4" x 24.8" x 3.8" (without stand)
Weight	76 Lbs. (without stand)
Included Accessories	Tabletop feet, remote controller, power cable, MDC software, PC signal cable (analog 15-Pin), MDC cable, owner's instructions
Optional Accessories	Wall mount: WMN4250D Ceiling mount: CML400D Speakers: PSN4232B

Product Information 1-866-542-7214
Product Support 1-800-SAMSUNG
www.samsung.com/proav

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PPM42M5S (42" Plasma Display) Product Announcement



Product / Market Positioning:

The arrival of the PPM42M5S signals Samsung's leadership in the highly competitive Plasma display market. The PPM42M5S is the first plasma monitor to achieve a contrast ratio of 10,000:1, and has a resolution of 852x480. The 1,500 cd/m² brightness and the DNle (Digital Natural Image engine), Samsung's exclusive image compensation algorithm, make the PPM42M5S bright and clear enough for nearly any application in nearly any environment.

PPM42M5S

Quick Specs:

- ◆ Size: 42" Diagonal
- ◆ Pixel Pitch: 1.095 x 1.110
- ◆ Native Resolution: 852x480
- ◆ Brightness: 1500 cd/m²
- ◆ Contrast ratio: 10,000:1
- ◆ Power consumption: 290w
- ◆ Special Features: DNle, Burn-in Protection, PIP/PBP, Digital Zoom, Multiple Display Control (RS232C)

Product Set-Up Information:

- ◆ Model Name: PPM42M5S
- ◆ Ordering model # : PPM42M5S
- ◆ Launch Date: June 2005
- ◆ Ship Date: June 2005
- ◆ UPC Code: 729507 800462
- ◆ Gross weight: 76.05 lbs.
- ◆ Packaging Dimension (WxHxD): 40.4" x 24.8" x 3.8"
- ◆ Pallet Quantity: 1 per a pallet
- ◆ Pallet Weight: 153 lbs.
- ◆ Warranty: 2 years Parts & Labor
Panel – 1 year

Accessory Options

Model name		PSN4232B	WMN4250D
Ordering model #		PSN4232B	WMN4250D
Description		Speaker	Wall Mount
UPC code		729507 708911	770332 709222
Dimension	Packing	28.7" x 11.2" x 11.8"	25.39" x 13.5" x 4.33"
Weight	Net	4.4	11.7
	Packing	13.2	14.5
Color		Black	Black