



- 10,000:1 contrast ratio
- 1024 x 768 native resolution
- 1,300 cd/m² brightness (typical)
- Exclusive DNle image-enhancing technology
- Built-in video wall processor
- Multiple burn-in prevention features

Set your sights on higher definition. Boasting a remarkable 10,000:1 contrast ratio, the PPM42M5H delivers a true high-definition image with even more discernable detail. Ideal for small conference rooms, busy retail environments and all points between, the PPM42M5H features a 16:9 aspect ratio, 1024 x 768 native resolution, 1,300 cd/m² brightness and our Digital Natural Image enhancement technology that provides noticeably more pleasing color and detail. There's also a built-in video wall processor, burn-in prevention technologies and more.

PPM42M5H

42" High-Definition Plasma Monitor

SAMSUNG



PPM42M5H

42" High-Definition Plasma Monitor

Specifications

Panel Diagonal Size	42"
Screen Aspect Ratio	16:9
Pixel Pitch	0.912 x 0.693
Brightness	1,300 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 – 80KHz, Vertical: 56 – 85 Hz
Active Native (Recommended) Resolution	1024 x 768
PC Signal Compatibility	VGA – UXGA
Video Signal Compatibility	480i, 480p, 720p, 1080i, C-Video, S-Video and RGB
SD/HD Video Output	HD
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
External Control	RGB 1 – 1 x D-Sub 15-Pin
	IR remote controller
Special Features	Built-in keys (Power, Source, Menu, Volume, Select)
	RS232C (with Daisy Chain Out)
	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
Ventilation	Built-in matrix video wall processor (2 x 2, 3 x 3, 4 x 4, 1 x 5, 5 x 1) with Natural mode
	Vertical display capable
	DNle picture compensation algorithm
Operating Condition	Selectable fan operation
Warranty	Temperature: 32°–104°F, Humidity: 20 – 80%, RH, Noncondensing, Altitude: 700 hps – 1,114 hps, Approx. 6500 – 0 Feet
Safety Regulations	2 year parts and labor
Power Requirement	CE, UL1492, UL6500, CSA C22.2, FCC Class A
Power Consumption	100 – 250V (50/60Hz)
Dimensions (W x H x D)	370 watts
Weight	40.4" x 24.8" x 3.8" (without stand)
Included Accessories	76 lbs. (without stand)
Optional Accessories	Tabletop feet, remote controller, power cable, MDC software, PC signal cable (analog 15-Pin), MDC cable, owner's instructions
	Wall mount: WMN4250D
	Vertical wall mount: VMN4240D
	Ceiling mount: CML400D
	Speakers: PSN4232B

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

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PPM42M5H (42" Plasma Display) Product Announcement



Product / Market Positioning:

Introducing the latest Plasma technology from Samsung. Boasting a remarkable 10,000:1 contrast ratio, the PPM42M5H delivers a true high-definition image with even more discernable detail. THE PPM42M5H features a 1024x768 native resolution and 1300 cd/m² of brightness. The DNle (Digital Natural Image engine), Samsung's exclusive image compensation algorithm, makes the PPM42M5H bright and clear enough for nearly any application in nearly any environment.

PPM42M5H

Quick Specs:

- ◆ Size: 42" Diagonal
- ◆ Pixel Pitch 0.912 x 0.693
- ◆ Native Resolution: 1024 x 768
- ◆ Brightness: 1300 cd/m²
- ◆ Contrast ratio: 10,000:1
- ◆ Power consumption: 370 watts
- ◆ Special Features: DNle, Burn-in Protection, PIP/PBP, Digital Zoom, Multiple Display Control (RS232C)

Product Set-Up Information:

- ◆ Model Name: PPM42M5H
- ◆ Ordering model # : PPM42M5H
- ◆ Launch Date: August 1, 2005
- ◆ Ship Date: August 1, 2005
- ◆ UPC Code: 729507 800479
- ◆ 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	729507 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