



- 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 Audio – 2 x mini jack (for DVI, and D-sub 15), 2 pair RCA (L/R) (for Component, and Composite/S-Video)
Output Terminals	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 Vertical display capable DNIe picture compensation algorithm
Ventilation	Selectable fan operation
Operating Condition	Temperature: 32°–104°F, Humidity: 20 – 80%, RH, Noncondensing, Altitude: 700 hps – 1,114 hps, 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	370 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 Vertical wall mount: VMN4240D Ceiling mount: CML400D Speakers: PSN4232B



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