



- 1366 x 768 native resolution
- 10,000:1 contrast ratio
- 1300 cd/m² brightness
- 160° horizontal/vertical viewing angles
- Exclusive DNle image-enhancing technology
- Built-in video wall processor
- Multiple burn-in prevention features

How big is your message? From the showroom to the boardroom, the Samsung PPM50M5H is the best way to deliver it. A 1366 x 768 image is made incredibly sharp and bright with exclusive Digital Natural Image enhancement technology. Contrast ratio is 10,000:1. Brightness is 1300 nits. Viewing angles are 160°. Want even more impact? You can configure up to 16 together to create a huge video wall. And with features like picture in picture, picture by picture and anti burn-in technologies, the Samsung PPM50M5H will make sure your message won't be missed.

PPM50M5H

50" High-Definition Plasma Monitor

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PPM50M5H

50" High-Definition Plasma Monitor

Specifications	
Panel Diagonal Size	50"
Screen Aspect Ratio	16:9
Pixel Pitch	0.81 x 0.81
Brightness	1300 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	1366 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 – 1 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) (Component, 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, Auto power off 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) 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 (PDP panel 1 year), On-site service
Safety Regulations	CE, UL1492, UL6500, CSA C22.2, FCC Class A
Power Requirement	100 – 250V (50/60Hz)
Power Consumption	390 watts
Dimensions (W x H x D)	47.4" x 28.5" x 3.8" (without stand)
Weight	102.5 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, Speakers: PSN5032B

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

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PPM50M5H (50" Plasma Display) Product Announcement



Product / Market Positioning:

From the showroom to the boardroom, the Samsung PPM50M5H is the best way to deliver it. It features a 16:9 aspect ratio and 1366 x 768 native resolution image is made incredibly sharp and bright with exclusive Digital Natural Image enhancement technology. Contrast ratio is a remarkable 10,000:1, brightness is 1300 cd/m², and 160° viewing angles delivering a true high-definition image with even more discernable detail. It also includes a built-in video wall processor. And with features like picture in picture, picture by picture and anti-burn in technologies, the PPM50M5H will make sure your message won't be missed.

PPM50M5H

Quick Specs:

- ◆ Size: 50" Diagonal
- ◆ Pixel Pitch 0.81 x 0.81
- ◆ Native Resolution: 1366 x 768
- ◆ Brightness: 1300 cd/m²
- ◆ Contrast ratio: 10,000:1
- ◆ Power consumption: 390 watts
- ◆ Special Features: DNle, Burn-in Protection, PIP/PBP, Digital Zoom, Multiple Display Control (RS232C)

Product Set-Up Information:

- ◆ Model Name: PPM50M5H
- ◆ Ordering model # : PPM50M5H
- ◆ Launch Date: August 2005
- ◆ Ship Date: August 2005
- ◆ UPC Code: 729507 708614
- ◆ Gross weight: 102.5 lbs.
- ◆ Packaging Dimension (WxHxD): 47.4" x 28.5" x 3.8"
- ◆ Pallet Quantity: 1 per a pallet
- ◆ Pallet Weight: 153 lbs.
- ◆ Warranty: 2 years Parts & Labor
Panel – 1 year

Model name		PSN5032B	WMN4250D
Ordering model #		PSN5032B	WMN4250D
Description		Speaker	Wall Mount
UPC code		729507 708928	729507 709222
Dimension	Packing	31.75" x 15.0" X 8.0"	25.39" x 13.5"x 4.33"
Weight	Net	14.0	11.7
	Packing	17.0	14.5
Color		Black	Black



Product Transition Chart

	New Product	Previous Product
Model Name	PPM50M5H	PPM50H3Q
Panel Type	Plasma	Plasma
Viewable Size	50.0"	50.0"
Aspect Ratio	16:9	16:9
Pixel Pitch (mm)	0.81 x 0.81	0.81 x 0.81
Brightness	1300 cd/m ²	1000 cd/m ²
Contrast Ratio	10,000:1	3000:1
Viewing Angle (H / V)	160 / 160	160 / 160
Active Native (Recommended) Resolution	1366 x 768	1366 x 768
Output Color	1.07 billion	16.7 million
PC Signal Compatibility	VGA – UXGA 1152 x 864 1280 x 768 1600 x 1200	VGA – UXGA 1152 x 864 1280 x 768 1600 x 1200
Power Consumption	390 Watts	490 Watts
Physical Dimensions (W x H x D) without stand	47.4" x 28.5" x 3.8"	47.4" x 28.5" x 3.1"
Net Weight (lbs.)	102.5 lbs	94.7 lbs.
Optional Accessories	♦Wall Mount: WMN4250D ♦Vertical Wall Mount: VMN4240D ♦ Speakers: PSN5032B	♦Wall Mount: WMN4230D ♦Vertical Wall Mount: VMN4230D ♦Ceiling Mount: CML300D ♦Speakers: PSN5030D
UPC Code	729507 708614	729507 800424
EOL Date	N/A	September 2005
Availability Date	September 2005	N/A