

SP-P4251

42" Plasma TV with Built-In Speakers

Plasma



TV/VIDEO

- New Luxurious Cabinet Design with Acrylic Frame, Aluminum Trim
- New Samsung Generation 4 Panel
 - 3000:1 Contrast Ratio
 - 1000 cd/m² Brightness
- 50,000 Hour Panel Life*
- 852 (H) x 480 (V) Pixel Resolution
- Wide Screen Aspect Ratio
- Dual NTSC Tuner Built-In with Split Screen & PIP
- Samsung DNIe™ (Digital Natural Image Engine)
 - Detail Enhancer
 - Contrast Enhancer
 - Motion Optimizer
 - Color Optimizer
- 160° (H/V) Viewing Angle
- 3D Y/C Digital Comb Filter
- Fanless Cooling System for Quiet Operation
- FCC Class B Certification for Residential Applications
- Pedestal Stand Included
- Discrete IR Code Capability
- 2 Year Parts and Labor Warranty
- Optional Accessory: Wall Mount Kit (WMN4240)

AUDIO

- 12-Watt Per Channel Built-In Audio Amplifier
- SRS TruSurroundXT™
- Built-In Stereo Speakers

CONNECTIONS

- DVI with HDCP
- 2 Component Video Inputs (Y, Pb, Pr)
- S-Video and Composite Video Input
- A/V Monitor Out (1 Video/1 Audio)
- PC (RGB) Input



Simulated TV Picture
All features, specifications, model numbers subject to change.

SAMSUNG

Samsung, an industry leader in plasma flat panel displays, offers the latest technology to you in our most convenient and stylish package to date.

Our 4th generation plasma panel combined with proprietary electronic chassis design, incorporating our latest DNIe picture enhancement circuitry; results in outstanding brightness, contrast and overall picture clarity. Everything you'll need in a high performance digital flat panel TV is here – a jack pack with the latest digital connectors, built-in dual NTSC tuner and a pedestal stand. Performance and convenience in a package that's less than 3.5" deep with the assurance of the industry's best warranties, 2 years, makes the SP-P4251 the clear choice.



Optional Wall Mount Kit (WMN4240)

Plasma

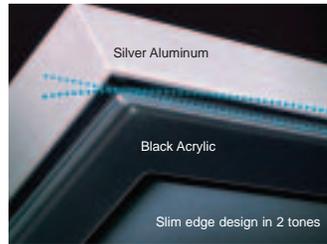
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DESIGN

Modern Luxury Finish

Picture Frame Design is Finished in Luxurious Material.



Showcased in a modern slim-edge design, Samsung's Plasma TV design boasts eye-catching details. Two contrasting tones of silver and black are

presented in luxurious aluminum and acrylic. The use of these colors and materials help eliminate glare and facilitate comfortable viewing. These details leave the eye to focus only on the picture.

VIDEO

The Benchmark for Contrast and Brightness.

In creating a 4th generation panel, Samsung has not only achieved a contrast ratio of 3000:1, but also a brightness of 1000cd/m2. With every scene, the picture is always clear and vivid. Even in bright light, all the details are captured. Samsung's technology has created a Plasma TV that shows the true potential of digital TV.

50,000 Hour Panel Life.* Samsung's new 4th generation panel construction means better performance and greater durability – even surpassing prior generation CRT's.

Wide Screen Aspect Ratio. Fill your screen with DVD and HDTV* images which are increasingly available and presented in wide screen formats. On board aspect ratio controls allow for handling analog 4:3 sources too in standard, wide screen, panorama, zoom 1 and zoom 2 modes.

Dual NTSC Tuner Built-in with Split Screen & PIP (small, large, double). Built-in analog tuners allow you to connect an analog RF signal cable directly to the set and watch "regular" TV right out of the box.

*claim represents viewing time under normal conditions after which picture deterioration may occur.

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Rear Jack Panel



Side Jack Panel



DNie™, Flat Panel TV Technology

Samsung's exclusive Digital Natural Image engine (DNie) combines a Motions Optimizer Contrast Enhancer, Detail Enhancer, and Color Optimizer to deliver the most vivid, lifelike picture. You can see the difference DNie™ makes on any analog or digital source—and is available on most models.

Motion Optimizer – Fast moving images are optimized to produce more natural-looking motion, without blurring or noise.



Normal



DNie™

Contrast Enhancer – Brightness and contrast levels are enhanced for deeper, richer blacks with greater detail and more natural whites.

Conventional



DNie™

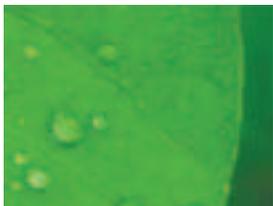


Darker Brighter

Detail Enhancer – DNie™ analyzes video signal elements in order to produce sharper detail, clear image separation and natural edge transition.



Normal



Color Optimized

Color Optimizer – Colors are reproduced with lifelike realism, whites are more accurate and skin tones are given a more natural hue.



Normal



Color Optimized

A U D I O

Optimized Sound for Home Theater System



SRS TruSurround XT™
With Samsung's Plasma TV technology, true theater quality sound can be experienced with just 2 speakers. SRS TruSurround XT™ delivers an amazing simulated effect using these features:

- TruSurround™**
6CH Surround Effect
- TruBass**
Virtual Woofer Effect
- Dialog Clarity**
Virtual Center Effect
- WOW™**
Stereo Enhancement

Side A/V Input

In keeping with the slim profile of the Plasma TV, AV jacks are on the side so that, even after installation, peripherals such as video players, camcorders, and other AV equipment can be easily connected.



Component and DVI Digital Inputs.

have video equipment with the latest digital connectors? No problem. In addition to component (Y, Pb, Pr) inputs for HD set top box and DVD, Samsung's new plasma sets also have DVI-HDTV (Digital Visual Interface) jacks for the best possible resolution in a direct digital connection.

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Remote Control

SPECIFICATIONS

852 x 480 Pixel Resolution. EDTV Resolution with built-in signal scaler to handle any digital or analog input source - all displayed at the set's "native" 852 x 480 resolution.

DNLe™ The Samsung Digital Natural Image engine. This exclusive Samsung technology dramatically improves the picture by enhancing the contrast, detail, white balance and reduces noise.

3000:1 Contrast Ratio/1000 cd/m2, Brightness. Two of the most important factors in overall picture quality, the contrast and brightness levels achieve new heights in these latest generation plasma panels. Together with the DNLe proprietary circuitry, Samsung's new plasma TV's give the most stunning realistic picture quality ever from a flat panel set.

50,000 Hour Panel Life. Samsung's new 4th generation panels are made to last longer, so you can be confident that the high picture quality will endure.

Color Tone: Normal/Cool1/Cool2/Warm/Warm2

Picture Mode: Standard/Dynamic/Custom/Movie

Sound Mode: Standard/Custom/Music/Movie/Speech

Closed Caption (CC)¹ displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

V-chip system¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

Trilingual On-Screen Displays in English, Spanish or French.

S-Video and Composite Inputs for easy, direct connection of your existing analog audio video components. Also new on the SP-P4251 are side A/V inputs for quick connections.

12-Watt Per Channel Built-in Audio Amplifier: Powerful built-in amplifier to drive the integrated stereo speakers.

PC (RGB) Input. Set can also be used simultaneously as a PC monitor using this connector.

Discrete IR Codes. This set is equipped with discrete IR codes for use with a macro/programmable remote for key functions.

Fanless Cooling System. Fanless cooling design means low noise operation.

SRS TruSurround XT™. TruSurround is a patented SRS technology that solves the problem of playing 5.1 multichannel content over two speakers. TruSurround delivers a compelling, virtual surround sound experience through the two-speaker internal playback system.

FCC Class B Certification for Residential Applications. Meets FCC regulation for "Class B" and is shielded for reliable, interference-free operation in your home.

Pedestal Stand Included. Easy to set up out of the box, the pedestal stand is included. Of course, the unit can be easily removed for mounting on a wall (WMN4240 wall mount required).

2 Year Parts and Labor Warranty. Samsung warranty is longer than most competitors for a reason. The product is built to last and provide years of trouble-free top quality enjoyment.

CONNECTIONS

Composite Video Input: 3 (2 Rear, 1 Side)

S-Video Input: 2 (1 Rear, 1 Side)

Component Video 1 & 2: (Y, Pb, Pr)
480i/480p/1080i/720p

PC (RGB) Input: 1 (D-Sub 15 Pin)

DVI Input: 1

RF Input: 1, Dual Tuner

A/V Monitor Out: 1 Video/ 1 Audio (L/R)

NET DIMENSIONS AND WEIGHT (WXHXD)

Monitor: 41.4" x 29.7" x 3.4"

Monitor Weight: 82.7 lbs.

Monitor with Stand: 41.4" x 30.9" x 3.4"

Monitor with Stand Weight: 95.2 lbs.

SHIPPING INFORMATION (WXHXD)

Monitor with Stand:

46.9" x 41.3" x 17.1"

Monitor With Stand Weight:
106.9 lbs.

MONITOR

UPC: 036725237513

Order Code: SPP4251X/XAA

ACCESSORIES

Included: Remote Control, Battery, Manual, warranty Card, RF Cable

Optional Wall Mount (WMN4240)

UPC: 036725222618

Order Code: WMN4240X/XAA

Net Dimensions (WxHxD)

29.4" x 21.0" x 3.5"

Net Weight: 17.4 lbs.

Shipping Dimensions (WxHxD)

25.3" x 5.1" x 11.8"

Shipping Weight: 19.8 lbs.

¹Feature dependent upon broadcasting of information by local off-air TV and cable channels. SRS TruSurround XT is a registered trademark of Dolby Laboratories.

*A digital set-top receiver is required to view DTV programming. An external antenna may be required to receive the over-the-air signal. Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate. All brand, product, service names and logos are Trademarks of their respective manufacturers and companies.
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For more information on digital TV technology please visit www.samsungusa.com/dtvguide

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