

# SP-S4243

42" Enhanced Definition Plasma TV



No matter how you look at it, Samsung's full-featured SP-S4243 makes any room look better. This 42" TrueWide Plasma EDTV offers unparalleled 13-bit processing for 549 billion colors that capture every nuance, even in freeze-frame. Its astounding palette is further defined by the 10,000:1 contrast ratio and 1,500 cd/m<sup>2</sup> brightness of the new Gen-5 display panel. Samsung's high-quality smoothing technology delivers a more pleasurable viewing experience— even at a 175° angle. Two HDMI™ connections and additional video inputs allow full digital A/V playback; hidden speakers incorporate SRS TruSurround XT™ technology to maximize the audio effect.

## TV/Video

- New Samsung Gen-5 panel
  - 10,000:1 contrast ratio
  - 1,500 cd/m<sup>2</sup> brightness
- 60,000 hour panel life\* (27 years @ 6 hours/day)
- 852(H) x 480(V) pixel resolution
- 16:9 widescreen aspect ratio
- Built-in HDTV tuner (NTSC/ATSC)
- 13-bit processing (549 billion colors)
- Split screen & picture in picture
- Samsung DNle™ (Digital Natural Image engine)
- 175°(H/V) viewing angle
- 3D Y/C digital comb filter
- Auto pixel shift (burn in resistance)
- TrueWide design with narrow bottom bezel speaker
- Power save feature

## Audio

- 10-watt per channel built-in audio amplifier
- Built-in 1-way, 2-speaker system
- SRS TruSurround XT™

## Rear A/V connections

- 2 HDMI – High Definition Multimedia Interface
- 2 component video inputs (Y,Pb,Pr)
- S-Video and composite video input
- PC (RGB) input

## Side A/V connections

- S-Video and composite video input
- Headphone jack



All features, specifications, and model numbers subject to change.  
All on screen images are simulated pictures.

\* Claim represents phosphor "half life" viewing time under normal conditions

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## 42" Enhanced Definition Plasma TV

### Specifications

**10,000:1 contrast ratio/1500 cd/m<sup>2</sup> brightness.** Two of the most important factors in overall picture quality, contrast and brightness, 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.

**852 horizontal x 480 vertical pixel resolution** presents video and text with outstanding clarity and resolution.

**60,000 hour panel life.** Samsung's new 5th generation panels are made to last longer, so you can be confident that the high picture quality will endure.

**16:9 Widescreen 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 in standard, wide screen, panorama, and zoom modes.

**Built-in HDTV tuner (NTSC/ATSC)**

**13-bit processing (549 billion colors)**  
When it comes to reproducing natural images, Samsung TVs are unrivaled. Thanks to the new 13-bit processing capability of DNle™, Samsung TVs can produce over 549 billion colors. Compare that to most competitors' 10-bit processing systems that produce just one billion colors. From the faint sunlight of dawn to the extreme spotlights of a fashion show, Samsung Plasma TVs provide vivid, life-like images that rival reality.

**Split screen & picture-in-picture** enables convenient simultaneous viewing of TV and video or PC sources.

**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.

**175° (H/V) viewing angle**

**3D Y/C digital comb filter** constantly analyzes the three dimensions of picture height, picture width, and picture changes over-time, to dramatically reduce edge image artifacts while improving transition detail.

**Burn-in resistant panel with**

- Auto pixel shift (user programmable)
- Signal pattern processing function
- White screen processing function

**TrueWide design** with narrow bottom bezel speaker

**Power save feature**

**10-watt per channel built-in audio amplifier.** Powerful built-in amplifier to drive the integrated stereo speakers.

**Built-in 1-way, 2-speaker system**

**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.

**1-year parts and labor warranty.**

Samsung's 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

**Rear A/V connections**

- 2 HDMI – High Definition Multimedia Interface
- 2 component video inputs (Y,Pb,Pr)
- S-Video and composite video input
- PC (RGB) input

**Side A/V connections**

- S-Video and composite video input
- Headphone jack

### Net dimensions and weight (WxHxD)

**Monitor with speakers:**  
41.5" x 28.1" x 4.0"

**Monitor with speakers and stand:**  
41.5" x 29.9" x 13.4"

**Monitor weight:** 87.1 lbs.

### Shipping dimensions (WxHxD)

**Shipping dimensions:**  
45.5" x 34.6" x 17.3"

**Shipping weight:** 101.2 lbs.

### Order code

HPS4243X/XAA

### UPC

036725242494

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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