

HP-R4262

42" High Definition Plasma TV with Built-In HDTV Tuner

Plasma



TV/VIDEO

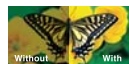
- New Samsung Generation 5 Panel
 - 10,000:1 Contrast Ratio
 - 1,300 cd/m² Brightness
- 60,000 Hour Panel Life* (27 Years @ 6 Hours/Day)
- 1024 (H) x 768 (V) Pixel Resolution
- Wide Screen Aspect Ratio
- NTSC/ATSC Tuner Built-In
- 13-Bit Processing (549 Billion Colors)
- Split Screen & Picture-In-Picture
- Samsung DNIe™ (Digital Natural Image engine)
- 175°(H/V) Viewing Angle
- 3D Y/C Digital Comb Filter
- Auto Pixel Shift (Burn In Resistant)
- Fanless Cooling System for Quiet Operation
- FCC Class B Certification for Residential Applications
- Discrete IR Code Capability
- VESA Compatible

AUDIO

- 15-Watt Per Channel Built-In Audio Amplifier
- Built-In 2-Way, 4-Speaker System
- SRS TruSurround XT™

CONNECTIONS

- HDMI – High Definition Multimedia Interface
- 2 Component Video Inputs (Y,Pb,Pr)
- S-Video and Composite Video Input
- PC (RGB) Input
- Anynet™ System Control Solution



* Claim represents phosphor "half life" viewing time under normal conditions after which picture brightness is 50% less than new.

All on screen images are simulated pictures.

All features, specifications, & model numbers subject to change.

HP-R4262

42" High Definition Plasma TV with Built-In HDTV Tuner

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 5th generation plasma panel combined with proprietary electronic chassis design, incorporating our latest DNle picture enhancement circuitry; results in outstanding brightness, contrast and overall picture clarity. Everything you'll need in a digital flat panel TV is here - a jack pack with the latest digital connectors and integrated speakers. Performance and convenience in a package that's less than 4" deep makes the HP-R4262 the clear choice.

VIDEO

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 and over 8,000 shades of gray. 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.

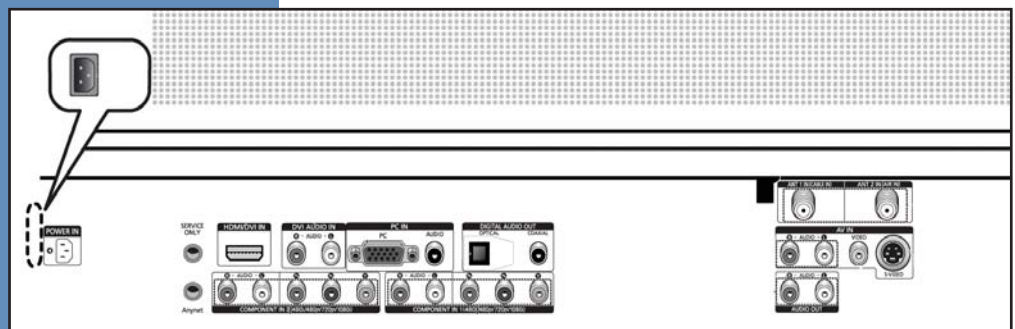
Conventional Plasma

10bit = 2^{10} = 1024 Steps = 10 Billion



Samsung New Plasma

13bit = 2^{13} = 8192 Steps = 549 Billion



Rear Jack panel

sma

VIDEO

Samsung's DNIe™

DNIe™

Samsung's revolutionary DNIe™ (Digital Natural Image engine) technology offers digital perfection in naturally presented, crystal-clear images that uncover even the most minute detail.



Motion Optimizer

Fast-moving images are optimized to produce more natural-looking motion, thus reducing video noise or blurring.



Contrast Enhancer

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



Color Optimizer

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



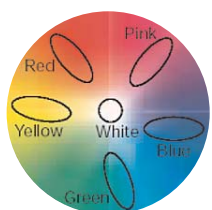
Detail Enhancer

DNIe analyzes video signal elements to produce sharper detail, clearer image separation, and more natural edge transition.



My Color Control

Samsung's patented "My Color Control" technology allows you to control specific colors without affecting the whole screen. Now, Samsung provides six-color control selections: white, red, pink, yellow, green and blue. It's your picture – you decide.



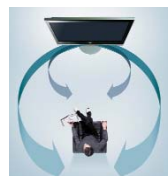
AUDIO

Optimized Sound for Home Theater System

SRS TruSurround XT™

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

CONVENIENCE

Anynet™

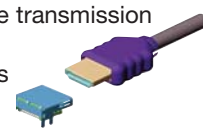
Anynet™ System Control Solution

Control all your Samsung A/V components through a single TV remote with Samsung's Anynet™. Anynet™ is a network control solution for operating Samsung devices, allowing you to control key functions of the A/V devices connected to your TV via on screen menu. Many Samsung home theater components now feature Anynet™.

HDMI™

High Definition Multimedia Interface

HDMI allows for the transmission of both video and audio digital signals through a single connection for higher quality and fewer wires.



DVD & DTV

DTV and DVD Compatible

Connect your DVD and DTV sources with two smart component video (Y/Pb/Pr) inputs that accept 480i/480p/720p/1080i signals.

PC

PC Compatible

A Samsung Plasma TV can also function as a PC monitor.

Plasma HP-R4262

42" High Definition Plasma TV with Built-In HDTV Tuner



Remote Control

SPECIFICATIONS

10,000:1 Contrast Ratio/1300 cd/m² 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.

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.

1024 Horizontal x 768 Vertical Pixel Resolution presents video and text with outstanding clarity and resolution.

549 Billion Colors/13-bit Processing: 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 and over 8,000 shades of gray. 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.

PIP with Side-By-Side Split Screen enables convenient simultaneous viewing of TV programs 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.

My Color Control

Because everyone sees colors differently, Samsung's DNle™ with My Color Control allows you to adjust the individual colors of your set without distorting other colors. The range of color adjustment includes Red, Green, Blue, Yellow, Red and White. This ensures true to life colors such as green grass, blue sky and realistic skin tones. White Tone Enhancement also ensures the purest, brightest whites possible. DNle with My Color Control gives A/V enthusiasts a powerful tool for customizing their picture.

175°(H)/175°(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.

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

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

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

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

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.

Anynet™ System Control Solution: Control all your Samsung A/V components through a single TV remote with Samsung's Anynet™. Anynet is a network control solution for operating Samsung devices, allowing you to control key functions of the A/V devices connected to your TV via on screen menu. Many Samsung home theater components now feature Anynet.

Color Tone: Cool2/Cool1/Normal/Warm1/Warm2

Picture Mode: Dynamic/Standard/Movie/Custom

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

Aspect Ratio: 16:9/Panorama/Zoom1/Zoom2/4:3

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

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

Power Consumption: Approximately 370 watts (Power-On)

CONNECTIONS

Composite Video Input: 1

Audio L/R: 1

S-Video Input: 1

Component A/V Input (480i/480p/720p/1080i): 2

PC (RGB) Input: 1

PC Audio Input: 1

HDMI Input: 1

DVI Audio L/R: 1

RF Input: 2 (1-NTSC, 1-ATSC)

Audio Monitor Output: 1

Digital Audio Output: 1 (1-Optical, 1-Coaxial)

ACCESSORIES

User Manual, Remote Control, Battery, Power Cord

NET DIMENSIONS AND WEIGHT (WXHXD)

Monitor with Speakers:
41.6" x 28.5" x 3.9"

Monitor with Speakers and Stand:
41.6" x 30.1" x 13.4"

Monitor Weight: 88.4 lbs.

SHIPPING DIMENSIONS (WXHXD)

Shipping Dimensions:
45.7" x 35.6" x 17.9"

Shipping Weight: 105.8 lbs.

ORDER CODE

HPR4262X/XAA

UPC

036725242234

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. SRS TruSurround XT™ is a trademark of SRS Labs, Inc. Anynet™ and DNle™ are trademarks of Samsung Electronics Co., Ltd. ©2005 Samsung Electronics America, Inc. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co., Ltd. All product and brand names are trademarks or registered trademarks of their respective companies.
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Samsung Electronics America, Inc.
105 Challenger Road
Ridgefield Park, NJ 07660-0511
Tel (201) 229-4000 • 1-800-SAMSUNG
www.samsung.com