

Plasma

HP-R5012

50" 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, 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-R5012 the clear choice.

*** Availability of high definition programming varies by region, please check with the provider in your area.*

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)
- 1366 (H) x 768 (V) Pixel Resolution
- Wide Screen Aspect Ratio
- NTSC/ATSC Tuner Built-In
- 12-Bit Processing (68.7 Billion Colors)
- Split Screen & Picture-In-Picture
- 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



* 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.

SAMSUNG

HP-R5012

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

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.

1366 Horizontal x 768 Vertical Pixel Resolution presents video and text with outstanding clarity and resolution.

Built-In ATSC/NTSC Tuner (Tunes and processes 720p, 1080i, 480p and 480i signals).

68.7 Billion Colors/12-bit Processing: When it comes to reproducing natural images, Samsung TVs are unrivaled. Thanks to the new 12-bit processing capability of DNle™, Samsung TVs can produce over 68 billion colors and over 4,000 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.

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.

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 280 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

Remote Control, RF Cable, User Manual, Battery, Power Cord

NET DIMENSIONS AND WEIGHT (WXHXD)

Monitor with Speakers:
48.5" x 32.6" x 3.9"

Monitor with Speakers and Stand:
48.5" x 34.5" x 13.2"

Monitor Weight: 110.0 lbs.

SHIPPING DIMENSIONS (WXHXD)

Shipping Dimensions:
53.5" x 40.1" x 18.7"

Shipping Weight: 130.1 lbs.

ORDER CODE

HPR5012X/XAA

UPC

036725250123

All pictures simulated. Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate. SRS TruSurround XT is a registered trademark of SRS Labs, Inc. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. ©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.

705-SS Printed in USA