

LT-P468W

46" Wide 1,920 x 1,080p HDTV Monitor with
Multi-Media PC/DVD/TV Inputs

LCD



Samsung introduces the LT-P468W 46" LCD TV to the market. A large LCD TV no doubt, but with an emphasis on performance, images are crisp and clear from corner to corner. The new 46" is the first consumer flat panel TV on the market to boast a 1920 x 1080p native resolution, the highest of the ATSC standards. The LT-P468W has an impressive 800:1 contrast ratio and a brightness rating of 500 cd/m². Pixel response time is down to just 12 milliseconds so there's no concern about handling fast moving video.

The LT-P468W also incorporates dual NTSC tuners, DVI, HDMI, and dual component video inputs from digital set-top boxes and the latest DVD players. Dual purpose use allows for the easy connection of a PC so you can view PC and TV images simultaneously.

TV/VIDEO

- HD-grade 1920 (H) x 1080 (V) Pixel Resolution
- Widescreen Aspect Ratio
- 800:1 Contrast Ratio
- 500 cd/m² Brightness
- Samsung DNIe™ (Digital Natural Image Engine)
 - Detail Enhancer
 - Contrast Enhancer
 - Motion Optimizer
 - Color Optimizer
- Dual NTSC Stereo Tuner Built-In with Split Screen & PC Picture-In-Picture
- 170°(H)/170°(V) Viewing Angle
- Fast 12 ms Response Time
- 3D Y/C Digital Comb Filter
- Power Adapter Built-In (No External 'Brick')

AUDIO

- Built-In Side Speakers with 15 Watts x 2 Audio Power
- MTS/SAP Stereo Sound
- SRS TruSurround XT™

CONNECTIONS

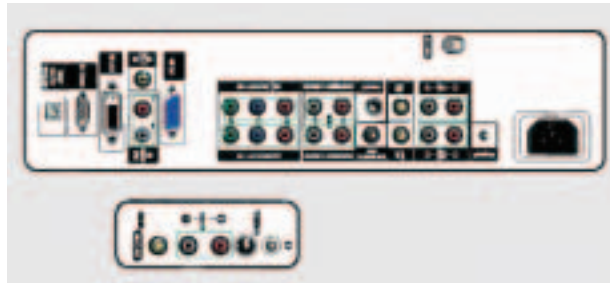
- DVI with HDCP
- HDMI - High Definition Multimedia Interface
- 2 Component Video Inputs (Y, Pb, Pr) (480i/480p/720p/1080i/1080p)
- 2 S-Video and 2 Composite Video Inputs
- PC (RGB) Input



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

LCD LT-P468W

46" Wide 1,920 x 1,080p capable HDTV
Monitor with Multimedia PC/DVD/TV Inputs



Rear Jack Panel

FEATURES

HD-Grade 1920 Horizontal x

1080 Vertical Pixel Resolution: High resolution pixel density with built-in image scaler to handle inputs from a variety of digital* and analog audio/ video sources.

800:1 Contrast Ratio/500 cd/m²

Brightness: As two of the most important determining factors in overall picture quality, contrast and brightness levels achieve new heights in this latest generation LCD panel. Samsung's new LCD TV's give the most stunning realistic picture quality ever from a flat panel set.

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.

Dual NTSC Stereo Tuner PIP allows for viewing of two analog TV programs simultaneously using the internal tuners.

3D Y/C Digital Comb Filter constantly analyzes the three dimensions of the picture to dramatically reduce edge image artifacts while improving image transition detail.

V-Chip System¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

Multilingual On-Screen Displays in English, French, Spanish or Portuguese.

Color Temperature Control: Normal, Warm and Cool selectable with On-Screen Display.

Closed Caption¹ (CC) displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

Screen Capture Picture Freezing stops the action as a still frame.

Variable Sleep Timer to turn the TV off in varying time intervals.

Clock with on/off timer.

Picture Modes: Custom, Standard, Dynamic and Movie allows easy one-step picture setting.

Aspect Modes: Wide, Panorama, Zoom 1, 2/4:3

Plug & Play Setup uses automation and simple menus to select the source broadcast or cable), set the clock, and map the active channels.



Remote Control



Optional Wall Mount Kit (WMTL4600)

Viewing Angle 170°(H)/170°(V)

Stereo Broadcast Reception: (MTS & SAP) with 181-channel capacity.

SRS TruSurround™. 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 any two-speaker playback system, including internal television speakers and headphones. It is fully compatible with all multichannel formats up to 6.1 channels.

Sound Modes: Standard, Music, Speech, Movie and Custom allows tailoring of sound to fit audio characteristics of different programs.

Auto Volume Leveler keeps audio volume consistent during channel or program changing.

Response Time: Fast 12 ms response time minimizes blurring of moving video.

Power Adapter Built-In: Takes up less space by eliminating need for the external power 'brick'.

CONNECTIONS

HDMI (High-Definition Multimedia Interface) addresses both pure digital audio and video performance and simplifies connections from the new generation set-top boxes and DVD players by reducing cable connections to one cable and plug.

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

DVI-HDTV Interface with HDCP Copy Protection enables an all-digital rendering of video without the losses associated with an analog interface. DVI supports up to 24-bit digital RGB data for each pixel for the highest image quality. High-bandwidth Digital Content Protection (HDCP) provides a protected interface which opens the availability of high value content such as premium high-definition video by means of new generation broadcast satellite receivers and new digital cable boxes.

S-Video Input: 2

Composite Video Input: 2

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

PC Audio Input: 1

Subwoofer Out: 1

Monitor A/V Out: 1

WARRANTY

1 year parts and labor warranty (90 days parts and labor for commercial use), backed by Samsung toll-free support.

SPECIFICATIONS

Panel: TFT-LCD

TV System: American NTSC standard color

Channel Coverage: VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

Antenna: CATV/VHF/UHF 75-ohm, F-type

Audio Power: 15 watts RMS/channel, 30 watts total

Power Requirements: 100W AC, 50/61Hz

Power Consumption: Approximately 350 Watts (power-on), 3 watt (standby)

NET DIMENSIONS AND WEIGHT (WXHXD)

Monitor with Speakers:

54.1" x 27.1" x 5.7"

Monitor with Speakers and Stand:

54.1" x 31.1" x 15.7"

Net Weight: 99.2 lbs.

SHIPPING INFORMATION (WXHXD)

Monitor with Speakers and Stand:

61.2" x 37.3" x 20.9"

Shipping Weight: 132.3 lbs.

MONITOR

UPC: 036725215849

Order Code: LTP468WX/XAA

ACCESSORY (WXHXD)

Wall Mount: (Optional) WMTL4600

Net Dimensions: 20.8" x 1.9" x 20.9"

Net Weight: 13.2 lbs.

Shipping Dimensions:

25.6" x 4.5" x 12.2"

Shipping Weight: 14.3 lbs.

UPC: 036725246003

Order Code: WMTL4600X/XAA

¹Feature dependent upon broadcasting of information by local off-air TV and cable channels.

*A digital 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. SRS TruSurround™ is a trademark of SRS Labs, Inc. All brand, product, service names and logos are Trademarks of their respective manufacturers and companies.

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