

# LN-S4051D

40" Wide HDTV



The elegant piano-black LN-S4051D LCD combines high style and high definition in equal measure. Perfect in the master bedroom, living room or den, its 4000:1 dynamic contrast ratio and one million-pixel resolution create a brilliant picture in crisp focus. With the new S-PVA panel you not only get a wider viewing angle, but also a crisper picture.

And for Xbox enthusiasts, the new, optimized game mode brings virtual reality to thrilling life. Two HDMI™ inputs allow connectivity to a wide range of digital devices, including digital satellite/cable boxes, camcorders, HD DVD upconverters and more. Combining hidden bottom speakers that produce SRS TruSurround XT™ sound, with a full 178° viewing angle and swivel stand, the LN-S4051D delivers a superior audio-visual experience wherever it is placed.

## TV/Video

- HD-grade 1366(H) x 768(V) pixel resolution
- Widescreen aspect ratio
- 4000:1 dynamic contrast ratio
- 178°(H)/178°(V) viewing angle
- 10-bit processor with 12.8 billion colors
- Built-in digital tuner (ATSC)
- New optimized game mode
- Swivel stand

## Audio

- “Hidden” bottom speakers with “D.A.C.S.” (Dual Acoustic Chamber System)
- SRS TruSurround XT™
- Watts per channel: 10W x 2

## Connections

- 2 HDMI – High Definition Multimedia Interface
- Component video input (Y,Pb,Pr) (480i/480p/720p/1080i)
- Side A/V connections
- S-video and composite video inputs
- MP3 connectivity
- PC (RGB) input
- RS232C (portable audio compatibility)
- VESA® compatible

**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

HIGH DEFINITION TELEVISION  
**HDTV**



**SRS**  
TruSurround XT



**SAMSUNG**  
OFFICIAL HDTV



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

# LN-S4051D

40" Wide HDTV

## Features

**HD-grade 1366(H) x 768(V) pixel resolution:** High resolution pixel density with built-in image scaler to handle inputs from a variety of digital\* and analog audio/video sources.

### Widescreen aspect ratio

**4000:1 dynamic contrast ratio/500 cd/m<sup>2</sup>** Samsung's S-PVA screen enables brighter whites, deeper blacks and every shade in between. It's higher contrast ratio provides an abundant palette of perfect colors.

**178°(H)/178°(V) viewing angle** improves viewing angle, contrast, and brightness to provide an even better picture.

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

**Game mode** enhances dark areas, sharpens the picture, speeds up the image processing response and enhances the sounds of your games. Picture and sound quality optimized for the special needs of gaming systems at the touch of a button.

**MP3 connectivity** allows you to easily connect and control your digital portable audio player through your TV.

**Side A/V ports** provides easy connections so you can connect a camcorder, digital camera, or any other digital device with no hassles.

**Stylish new design** creates a look for any room. Piano black finish and rounded corners give this TV unmatched style.

**Picture-in-picture (PIP)** enables convenient simultaneous viewing of TV programs and video or PC sources.

**Clock on/off timer:** Perfect solution to wake up to your favorite morning show, or set a time to turn off the TV so it doesn't stay on all night. Can also be used when you're out.

**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.

**V-Chip system<sup>1</sup>** allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

### Auto channel search

**Multi-lingual on-screen displays** in English, Spanish or French.

**Built-in digital tuner (ATSC)** receives over-the-air (terrestrial) HD signal<sup>1</sup>.

### Freeze picture frame

**Swivel stand** provides +/-15° of control to allow everyone in the room to watch TV without moving the TV.

**Progressive scan** eliminates the flicker that you see on traditional, interlaced scanning TVs.

### Stereo broadcast reception: (MTS)

**SRS TruSurround XT™** 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.

**Variable sleep timer** to turn the TV off in varying time intervals.

### Auto power off

**Removable stand and VESA compatible hole mounts:** If you want to install your TV on your wall, you can easily remove the stand and use a VESA compatible wall mount to safely and stylishly attach your TV to the wall.

**Auto volume leveler** keeps audio volume consistent during channel changing.

**Response time:** 8 ms response time minimizes blurring of moving video.

## Connections

**HDMI:** 2

**R/F input:** 2 (air/cable)

**Component video input (Y,Pb,Pr)** (480i/480p/720p/1080i): 1

### Side A/V Inputs

**S-Video inputs:** 1-side, 1-rear

**Composite video input:** 1-side, 1-rear

**PC (RGB) input:** 1

**Sound monitor out:** 1

**Optical sound out:** 1

**Stereo headphone jack:** 1-side

**RS232C:** 1(portable audio compatibility)

## Quality

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

**Energy Star® Compliant** reduces energy consumption by up to 25% compared with standard TVs.<sup>2</sup>

## Specifications

**Panel:** Wide (16:9) LCD

**"Hidden" bottom speakers with D.A.C.S.** (Dual Acoustic Chamber System)

**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

**Watts per channel:** 10W x 2

**System power:** 110V

**VESA® compatible:** 200 x 200

**Power consumption:** approximately 218 watts (power on), 1 watt (standby)

**Response time:** 8ms

## Net dimensions & weight (WxHxD)

**Monitor without stand:** 39.0" x 25.9" x 3.4"

**Monitor with stand:** 39.0" x 28.1" x 12.8"

**Weight:** 50.3 lbs.

## Shipping dimensions (WxHxD)

**Dimensions:** 43.7" x 32.5" x 16.1"

**Weight:** 66.6 lbs.

## Order code

LNS4051DX/XAA

## UPC

036725240582

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

<sup>2</sup>As an Energy Star® partner, Samsung has determined that this product meets the Energy Star® guidelines for energy efficiency. Energy Star® is a registered trademark of the U.S. Environmental Protection Agency. HDMI, the HDMI logo and High Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

DNle™ is a registered trademark of Samsung Electronics Co., Ltd.

SRS TruSurround XT is a registered trademark of SRS Labs, inc.

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

©2006 NFL Properties LLC. All NFL-related trademarks are trademarks of the National Football League.

©2006 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.

406-SS Printed in USA