

# HL61A750

SERIES **7** DLP TV

61" Widescreen LED Powered DLP® with 1080p Resolution



Experience the greatest thrills of full 1080p HD. Energy-efficient third-generation LED-based DLP® technology offers a picture that's up to 40% brighter than lamp-based models. The LED back-light means there's no internal lamp replacement necessary. Add an improved power consumption rating, and you've got an environmentally friendly DLP TV. The large 61-inch DLP screen is housed in a sleek "Piano Key Black" cabinet, with a slim depth that fits where others won't.™ Samsung's CinemaPure™ 120Hz Color Engine offers unprecedented image clarity, detail, and smoothness. Amazing 3D capabilities let you enjoy 3D movies and games to the fullest. Connecting your HD Blu-ray, HD cable or HD satellite is easy with 3 HDMI™ inputs that will maximize picture and audio performance and minimize cables and wires. And the Wiselink USB 2.0 input lets you connect your digital camera or MP3 player, for quick access to pictures and playlists from your remote control.

## TV/Video

- "Piano Key Black" cabinet
- Slim depth and slim bezel (0.6") – fits where others won't™
- 1 Tuner Picture-in-Picture
- Samsung CinemaPure™ Color Engine:
  - Reliable LED solid state illumination for long life and up to 40% more color and 40% brightness improvement
  - Built-in light sensor with beam current feedback insures stable light output over the life of the TV
  - Full HD 1920 x 1080p digital format converter for all inputs and TV sources
  - Single-panel DLP® design—crystal-clear picture without any possibility of convergence errors
  - Smooth, high detail film-like image
- Analog and full digital NTSC/ATSC Tuners with Clear QAM (local channel digital cable capable)
- Single user interface for easy menu surfing
- Energy Star® Compliant (0.8 Watt standby)
- Entertainment mode custom picture settings
- 3D ready—Future-proof your HD experience

## Audio

- Watts per channel: 10W x 2
- SRS TruSurround XT™
- Hidden speaker system (DACST™)

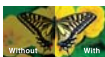
## Connections

- 3 HDMI inputs
  - 480i/480p/1080i/1080p (60Hz/30Hz/24Hz) input support
  - HDMI with universal CEC system control
  - Simplay certified for cross component compatibility
- 2-component video inputs (480i/480p/720p/1080i/1080p)
- 2 S-video inputs
- 2 A/V composite inputs
- Wiselink® USB 2.0
- PC (RGB/HDMI) input with 1080p Input Support
- RS232C port for system control

## Options

- Floor stand: TR500X3B

SLIM DLP™



OFFICIAL HDTV OF THE NFL

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

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## Features

### CinemaPure™ 120Hz Color Engine

Samsung is the worldwide leader in creating light engines that harness DLP HDTV technology from Texas Instruments.

Samsung's CinemaPure™ 120Hz Color Engine brings together the right optics, electronic circuitry and replaceable light source to create a brilliant picture that's more lifelike and much closer to film. In its second year of evolution, Samsung's CinemaPure™ 120Hz Color Engine displays 40% more color than traditional HDTVs, delivers crisp 1080p High Definition resolution with high contrast and brightness, defined edges and sharp detail.

**LED (Light Emitting Diode)** for state-of-the-art color and long life performance. LED replaces arc lamp & color wheel and realizes beautiful color

- Samsung LED DLP TVs eliminate the need to replace the consumable lamp every few years, with less impact on the environment and lowers the cost of ownership.
- Ultra-Wide Color Gamut exceeds NTSC defined color space.
- More energy efficient than similar sized flat panel displays saves power and lower cost of ownership.
- Ultra quiet operation.

### Next Generation DLP® Chips from Texas Instruments

Samsung employs a Texas Instruments DLP® chip that is comprised of millions of microscopic mirrors. The DLP® chip is faster than any other HDTV technology, with the mirrors switching on & off 15,000 times a second to deliver a razor-sharp picture for fast moving images. When combined with Samsung's new Cinema Smooth light engine, the result is a crisp, bright picture with deep, rich colors that's closer to film.

**3D HD ready.** Samsung DLP® HDTVs are capable of displaying future 3D games, movies, and other programming via 3D compatible glasses and hardware.

**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.

**Analog and full digital ATSC/NTSC tuners with Clear QAM**

**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 any two-speaker playback system, including internal television speakers and headphones. It is fully compatible with all multichannel formats up to 5.1 channels.

**Entertainment Mode** allows customized picture settings, optimized for different content (e.g., sports, movies, gaming).

**HDMI - CEC** allows peripheral devices such as a DVD player to be controlled by TV remote control.

**Single user interface** for easy menu surfing

**V-Chip<sup>1</sup>** enables parental control for channel and program blocking of TV programs that incorporate the rating code signal.

## Specifications

### VIDEO

**Resolution:** 1080p

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

### AUDIO

**Output power:** 10Wx2

**Speakers:** Hidden with DACS™

**Sound effect system:** TruSurround XT™

**MTS stereo**

## Connections

**AV Composite inputs:** 2

**S-Video input:** 1

**Component video input (Y/Pb/Pr):** 2

**Wiselink® USB 2.0:** 1

**PC (RGB) input**

**RS232C interface for system control**

**HDMI:** 3

## Quality

**Warranty:** 1 year parts and labor warranty, with in-home service backed by Samsung toll-free support. 1-800-SAMSUNG

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

## Accessories

**Universal Remote Control**

## Net dimensions and weight (WxHxD)

**TV (w/o foot):** 54.8" x 37.8" x 14.4"

**TV weight:** 70.1 lbs.

**TV (w/ foot):** 54.8" x 37.8" x 15.4"

## Shipping dimensions and weight (WxHxD)

**Carton:** 60.0" x 20.2" x 42.6"

**Carton weight:** 94.2 lbs.

## Optional stand: (WxHxD) TR500X3B

**Net dimensions:**

45.5/50.75" x 19.69" x 17.94"

**Net weight:** 76.3 lbs.

**UPC:** 03672529619

## Order code

HL61A750A1FXZA

## UPC

036725228009

<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.

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