

# LN46A750

46" Full High Definition TV with 1080p Resolution

SERIES **7** LCD TV



**ToC**  
Touch of Color

Behold the power of Samsung's premium HD experience, on a 46-inch LCD screen. Samsung's exclusive Touch of Color™ design accents the entire bezel with a unique red tone. Enjoy pre-loaded HD content, including cooking, fitness, children's entertainment, and a photo gallery. Full 1080p HD resolution and 50,000:1 dynamic contrast ratio offer stunning image detail and vivid colors. Auto Motion Plus 120Hz™ and Ultra Clear Panel™ technology work together to offer the smoothest motion and boldest bright and dark tones. Stay connected to your home network via the DLNA networking feature; the InfoLink™ feature provides RSS web content from USA Today. And the WiseLink USB 2.0 input and user-friendly interface gives you access to pictures and playlists from a specially designed Wheel Remote.

## TV/Video

- Touch of Color design
- InfoLink™™ (RSS feeds of customizable stock quotes, weather and brief news articles)
- Auto Motion Plus 120Hz™
- Pre-loaded content
- Ultra Clear Panel™
- HD-grade 1920 (H) x 1080 (V) pixel resolution
- 50,000:1 dynamic contrast ratio
- DLNA Certified
- Digital Contents Management (DCM)
- Wide color enhancer
- Built-in digital tuner (ATSC/Clear QAM)
- Fast 4ms response time
- Picture-in-Picture

## Audio

- Integrated woofer
- Watts per channel: 10W x 2
- SRS TruSurround XT™
- Down firing speakers

## Connections

- 4 HDMI — High Definition Multimedia Interface version 1.3 (3 rear/1 side)
- 2 Component video inputs (rear)
- 1 S-video input (side)
- Side and Rear composite inputs
- PC input
- Wiselink Pro® (USB 2.0)
- RF antenna inputs
- HDMI-CEC
- Headphone



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

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46" Full High Definition TV with 1080p Resolution

## Features

**HD-Grade 1920 (H) x 1080 (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**

**CCFL—Cold Cathode Fluorescent Lamp:** Provides colors in your picture that were not available before.

**50,000:1 dynamic contrast ratio**

**Pre-loaded content:** exercise, children's "edutainment", cooking, image gallery, games.

**Ultra clear panel** allows you to enjoy crisp image details, natural skin tones, excellent shadow detail and vibrant colors

**Auto Motion Plus 120Hz™**

**DLNA Certified**

**Digital Contents Management (DCM)**

**Touch of Color design**

**Wheel key remote control**

**WiseLink Pro:** Watch your favorite photos in a slideshow (including MPEG) and listen to your MP3's with WiseLink.

**Infolink™™** (RSS feeds of customizable stock quotes, weather and brief news articles)

**Wide Color Enhancer** optimizes a color's hue resulting in more natural colors.

**Built-in digital tuner:** (ATSC/Clear QAM)

**Response time:** Fast 4ms response time minimizes blurring of moving video.

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

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

**178° x 178° (H/V) viewing angle**

**Single User Interface**

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

**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.

**Stereo broadcast reception:** (MTS & SAP) with 181-channel capacity.

**Down firing speakers**

**Integrated woofer**

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

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

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

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

## Connections

**4 HDMI (High-Definition Multimedia Interface) version 1.3:** (3 rear/1 side)

**Component video:** 2 rear (Y, Pb, Pr)

**S-Video input:** 1 side

**Composite inputs:** 1 rear (shared with component) / 1 side/

**PC input:** 1

**Wiselink® (USB 2.0)**

**RF antenna inputs:** 2

**HDMI-CEC**

**Headphone jack**

## Warranty

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

## Specifications

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

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

## SERIES 7 LCD TV

### Net dimensions and weight (WxHxD)

**TV without stand:** 46.1" x 28.0" x 3.9"

**TV without stand weight:** 52.7 lbs.

**TV with stand:** 46.1" x 30.1" x 11.8"

**TV with stand weight:** 64.8 lbs.

### Shipping information (WxHxD)

**Dimensions:** 50.2" x 35.0" x 15.0"

**Weight:** 71.9 lbs.

### Order code

**Order code:** LN46A750R1FXZA

### UPC

036725228467

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

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

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For more information on digital TV technology please visit [www.samsung.com/hd](http://www.samsung.com/hd)