

# LN46B750 46" High Definition TV with 1080p Resolution (45.9" (truncated) actual diagonal screen size)

SERIES **7** LCD TV



Behold smoother, bolder, more breathtaking full HD 1080p images and advanced connectivity options right on the LN46B750. The LN46B750 With the innovative Touch of Color™ design, the 750 features the radical Auto Motion Plus™240Hz technology, which produces an unbelievably clear picture, no matter how fast the action. The Ultra Clear Panel and an impressive 150,000:1 dynamic contrast ratio bring out the deep, dark blacks and pristine whites. Also helping to redefine HDTV is Internet@TV™: access digital entertainment from online TV widgets with partners like Yahoo!®, Flickr®, eBay® and others right on your TV. It's everything you're looking for in an HDTV, and more.

## SPECIFICATIONS

- 150,000:1 dynamic contrast ratio
- Auto Motion Plus™240Hz
- Full HD-grade pixel resolution (1080p)
- Touch of Color™ design
- Fast 2ms response time
- Built-in digital tuner
- Picture-in-Picture
- Energy Star® compliant

## FEATURES

- Medi@2.0™
  - Internet@TV - Content Service
  - DLNA®
  - Pre-loaded Content Library™ (2GB Flash Memory)
  - USB 2.0 Movie
- Wide Color Enhancer 3
- Game Mode
- Crystal Neck Swivel Stand

## CONNECTIONS

- 4 HDMI (3 rear/1 side)
- Anynet+ (HDMI-CEC)
- USB 2.0 Movie (2 side)
- PC input (rear)

## AUDIO

- SRS TruSurround HD™
- Integrated woofer
- Watts per channel: 10W x 2



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



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## SPECIFICATIONS

**CCFL—Cold Cathode Fluorescent lamp**

**150,000:1 dynamic contrast ratio**

**Auto Motion Plus™240Hz:** Advanced processing that reduces blur and enhances image detail when viewing fast motion video sequences.

**HD-Grade 1920 (H) x 1080 (V) pixel resolution:** High-resolution pixel density is combined with a built-in image scaler to handle inputs from a variety of digital and analog audio/video sources.

**Touch of Color™ (ToC):** Samsung's unique manufacturing process accents the surrounding bezel with a stylish red tone

**Response time:** A fast 2ms response time minimizes blurring of fast motion in sports programs.

**Widescreen aspect ratio**

**Ultra Clear Panel:** Advanced LCD technology lets you enjoy crisp image details, natural skin tones, excellent shadow detail, and vibrant colors.

**Built-in digital tuner:** no external box

## FEATURES

**Medi@2.0**

- **Internet@TV - Content Service:** Receive content from Yahoo!®, Flickr®, and more via on-screen TV widgets.
- **DLNA®:** Sync your connectable home electronics and display remote content on your TV.
- **Pre-loaded Content Library™ (Flash):** Enjoy hours of built-in entertainment features, then personalize it by adding content that's available online.
- **USB 2.0 Movie:** Show digital home movies, photos, PC presentations and more on your TV, using the remote.

**Wide Color Enhancer3:** Optimizes a given color's hue, resulting in more natural rendering of colors.

**Picture-in-Picture (PIP):** Enables convenient, simultaneous viewing of TV programs and video or PC content sources.

**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.

**Energy Star® Compliant** reduces energy consumption by up to 25% compared with standard TVs.

**Crystal Neck Swivel stand**

**Single User Interface**

## CONNECTIONS

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

**Anynet™+ (HDMI-CEC):** allows the TV's remote control to operate at the push of one button, peripheral AV devices such as a DVD player featuring HDMI-CEC.

**2 USB 2.0 Movie:** side

**2 Component video:** rear

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

**1 Optical sound output:**

**1 PC input:** rear

**1 Ethernet:** rear

**RS232C**

## AUDIO

**SRS TruSurround HD™** creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

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

**Bottom speakers with integrated woofer**

**Stereo broadcast reception:** Supports multichannel sound (MTS) and second audio program (SAP) with 181-channel capacity.

## NET DIMENSIONS & WEIGHT (WXHXD)

**TV without stand:** 43.9" x 27.7" x 3.1"

**TV without stand weight:** 43.4 lbs.

**TV with stand:** 43.9" x 30.2" x 10.8"

**TV with stand weight:** 54.2 lbs.

## SHIPPING INFORMATION (WXHXD)

**Dimensions:** 55.5" x 32.0" x 10.2"

**Weight:** 66.1 lbs.

## 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.

## ORDER CODE

LN46B750U1FXZA

## UPC

036725229402

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.

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

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