

# LN40A450

40" High Definition TV

SERIES **4** LCD TV



Enjoy the clarity of HD, in a stunningly modern design. True 720p resolution offers amazing LCD image detail, complemented by a 10,000:1 dynamic contrast ratio for vivid colors and bold blacks. Three HDMI inputs let you connect quickly and easily to your peripherals. Call up a variety of menu options and preferences – right on the 40-inch screen – via a smart user interface. Speaking of smart, the intelligently hidden speakers ensure a sleek, clean look that fits in almost any surroundings.

## TV/Video

- HD 1366 (H) x 768 (V) pixel resolution
- 10,000:1 dynamic contrast ratio
- Wide color enhancer
- Widescreen aspect ratio
- Fast 6ms response time
- 1080p inputs
- Smart user interface
- Built-in digital tuner (ATSC/Clear QAM)

## Audio

- Hidden bottom speakers
- SRS TruSurround XT™
- Watts per channel: 10W x 2

## Connections

### Rear

- 2 HDMI—High Definition Multimedia Interface
- 2 Component (Y/Pb/Pr)
- RF input
- Composite AV
- PC D-sub
- Optical sound out
- RS232

### Side

- 1 HDMI
- S-Video
- Composite AV
- Headphone
- HDMI-CEC



OFFICIAL HDTV OF THE NFL

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

# LN40A450

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## 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**

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

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

**10,000:1 contrast ratio/450nit 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.

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

**Response time:** Fast 6ms response time minimizes blurring of moving video.

**1080p Inputs**

**178° x 178° (H/V) viewing angle**

**Smart User Interface**

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

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

**Hidden bottom speakers** with 10 Watts x 2 audio power

**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.

**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.

**Auto wall mount compatible** 3-dimensional operation via TV's control; no external IR receiver required.

**Swivel stand**

## Connections

**3 HDMI** (High-Definition Multimedia Interface) 2 rear/1 side

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

**A/V inputs:** 1 rear/ 1 side

**S-Video:** 1 side

**PC D-sub:** 1 rear

**Optical sound out:** rear

**RS232:** rear

**RF antenna inputs:** rear

**Headphone jack:** side

## 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 **4** LCD TV

## Net dimensions and weight (WxHxD)

**TV without stand:** 39.0" x 25.2" x 3.8"

**TV without stand weight:** 43.3 lbs.

**TV with stand:** 39.0" x 27.3" x 11.8"

**TV with stand weight:** 41.0 lbs.

## Shipping information (WxHxD)

**Dimensions:** 43.3" x 30.1" x 10.8"

**Weight:** 52.0 lbs.

## Order code

**Order code:** LN40A450C1DXZA

## UPC

036725228146

<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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