

# LN52A850

SERIES **8** LCD TV

52" Full High Definition TV with 1080p Resolution

(52.0" (truncated) actual diagonal screen size)



ToC™  
Touch of Color



Side profile



Secondary ToC matching remote control

## TV/Video

- Touch of Color™ design
- Slim depth and narrow bezel – Samsung's "Thinnest LCD TV with a Built-in Tuner"
- InfoLink™ (RSS feeds of customizable stock quotes, weather and brief news articles)
- Auto Motion Plus 120Hz™
- Pre-loaded Content Library™
- Ultra Clear Panel™
- HD-grade 1920 (H) x 1080 (V) pixel resolution
- 50,000:1 dynamic contrast ratio
- DLNA Certified™
- Wide color enhancer
- Built-in digital tuner (ATSC/Clear QAM)
- Fast 4ms response time
- Picture-in-Picture

## Audio

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

## Connections

- 4 HDMI (HDMI-CEC) version 1.3 (3 rear/1 side)
- 2 Component video inputs (rear)
- 1 S-video input (rear)
- Side and Rear composite inputs
- PC input
- WiseLink™ Pro (USB 2.0 MPEG)
- RF antenna inputs
- Headphone
- Wheel-key remote control
- Secondary ToC matching remote control
- Swivel stand



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

OFFICIAL HDTV OF THE NFL

# LN52A850

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SERIES **8** LCD TV

## Features

**HD-Grade 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.

### Widescreen aspect ratio

**CCFL:** Cold-cathode fluorescent lamp that is the backlight for Samsung LCD TVs.

### 50,000:1 dynamic contrast ratio

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

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

**Auto Motion Plus 120 Hz™:** Advanced processing that reduces blur and enhances image detail when viewing fast motion video sequences.

### DLNA Certified™

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

### Wheel key remote control

**WiseLink™ Pro:** For playing MP3, mpeg, and displaying JPEG files through the USB 2.0 connection on selected Samsung TVs.

**InfoLink™:** Provides RSS feeds of customizable stock quotes, weather, and brief news articles on selected Samsung TVs.

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

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

**Response time:** A fast 4ms response time minimizes blurring of fast motion in sports programs.

**Entertainment Mode:** Allows customized picture settings that are optimized for different TV and video program content, such as sports, movies, games, etc.

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

### 178° x 178° (H/V) viewing angle

### Single User Interface

**DNLe™ - Samsung's Digital Natural Image engine:** This exclusive Samsung technology dramatically improves the picture by enhancing contrast, detail, and white balance while reducing noise.

**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:** Supports multichannel sound (MTS) and second audio program (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 a parent to contain objectionable content.

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

**Variable sleep timer:** Can be programmed to turn the TV off at different time intervals.

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

**ToC matching remote:** A simple remote control (in addition to regular universal remote) for Power On/Off, channel & Volume 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 rear

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

**PC input:** 1

**WiseLink™ Pro (USB 2.0 MPEG)**

**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

### Net dimensions and weight (WxHxD)

**TV without stand:** 49.7" x 30.7" x 1.9"

**TV without stand weight:** 59.1 lbs.

**TV with stand:** 49.7" x 32.7" x 12.4"

**TV with stand weight:** 68.8 lbs.

### Shipping information (WxHxD)

**Dimensions:** 54.4" x 38.0" x 16.5"

**Weight:** 87.1 lbs.

### Order code

**Order code:** LN52A850S1FXZA

### UPC

036725228832

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

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