

LN52A550

SERIES **5** LCD TV

52" Full High Definition TV with 1080p Resolution



Experience the next generation of HD television in all its glory. Full 1080p HD resolution and 30,000:1 dynamic contrast ratio offer amazing image detail and color clarity, all on a 52-inch screen. With 3 HDMI inputs, connecting to all your peripherals is a snap. Enjoy crystal-clear, lifelike HD sound, with SRS TruSurround XT™. Hook up your MP3 player or digital camera via the Wiselink® USB 2.0 connection; a versatile user interface lets you scroll through playlists and pictures. It's advanced HD entertainment, only from Samsung.

TV/Video

- HD-grade 1920 (H) x 1080 (V) pixel resolution
- Widescreen aspect ratio
- 30,000:1 dynamic contrast ratio
- Wide color enhancer
- Built-in digital tuner (ATSC/Clear QAM)
- Fast 5ms response time
- Picture-in-Picture

Audio

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

Connections

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



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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52" 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.

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

30,000:1 dynamic contrast ratio

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

Response time: Fast 5ms response time minimizes blurring of moving video.

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

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

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

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

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 system¹ 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.

Swivel stand

Connections

3 HDMI (High-Definition Multimedia Interface) version 1.3: (2 rear/1 side)

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

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

S-Video: 1 side

PC input: 1 rear

Wiselink® (USB 2.0)

RF antenna inputs

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/UFH 75-ohm, F-type

Watts per channel: 10W x 2

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Net dimensions and weight (WxHxD)

TV without stand: 49.9" x 31.1" x 4.3"

TV without stand weight: 59.3 lbs.

TV with stand: 49.9" x 33.7" x 12.8"

TV with stand weight: 71.2 lbs.

Shipping information (WxHxD)

Dimensions: 54.5" x 38.7" x 16.7"

Weight: 90.8 lbs.

Order code

Order code: LN52A550P3FXZA

UPC

036725228191

¹Feature 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