

LN46A550

SERIES **5** LCD TV

46" 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 46-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
- Sound leveler

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 A/V inputs
- PC input (rear)
- Wiselink® (USB 2.0)
- RF antenna inputs
- HDMI-CEC
- Headphone
- 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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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.

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

that were not available before.

Clear panel

30,000:1 contrast ratio/500nit 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 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

Smart 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.

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

Sound leveler keeps audio volume consistent during channel changing.

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.

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) version 1.3: (2 rear/1 side)

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

A/V inputs: 1 rear/ 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/UHF 75-ohm, F-type

Watts per channel: 10W x 2

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Net dimensions and weight (WxHxD)

TV without stand: 44.4" x 27.6" x 3.9"

TV without stand weight: 51.4 lbs.

TV with stand: 44.4" x 30.2" x 11.0"

TV with stand weight: 60.8 lbs.

Shipping information (WxHxD)

Dimensions: 48.6" x 34.9" x 14.3"

Weight: 75.8 lbs.

Order code

Order code: LN46A550P3FXZA

UPC

036725228184

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

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