

LN46A500

SERIES **5** LCD TV

46" Full High Definition TV with 1080p Resolution

(45.9" (truncated) actual diagonal screen size)



Experience the next generation of HD television in all its glory. Full 1080p HD resolution and 20,000:1 dynamic contrast ratio offer amazing image detail and color clarity, all on a 46-inch screen. With 2 HDMI inputs, connecting to all your peripherals is a snap. Enjoy crystal-clear, lifelike HD sound, with SRS TruSurround XT™. It's advanced HD entertainment, only from Samsung.

TV/Video

- HD-grade 1920 (H) x 1080 (V) pixel resolution
- Widescreen aspect ratio
- 20,000:1 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

- 2 HDMI (HDMI-CEC) version 1.3 (2 rear)
- 2 Component video inputs (rear)
- Rear composite inputs
- PC input (rear)
- RF antenna inputs
- Swivel stand



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

OFFICIAL HDTV OF THE NFL

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Features

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.

Widescreen aspect ratio

CCFL: Cold Cathode Fluorescent Lamp that is the backlight for Samsung LCD TVs.

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

20,000:1 dynamic contrast ratio

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

Response time: A fast 5ms response time minimizes blurring of fast motion in sports programs.

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™ The Samsung Digital Natural Image engine. This exclusive Samsung technology dramatically improves the picture by enhancing the contrast, detail, white balance while reducing noise.

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

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

V-Chip system¹: 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.

Swivel stand

Connections

2 HDMI (High-Definition Multimedia Interface) version 1.3: (2 rear)

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

Composite inputs: 1 rear (shared with component)

PC input: 1 rear

RF antenna inputs

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: 43.5" x 27.8" x 4.1"

TV without stand weight: 64.4 lbs.

TV with stand: 43.5" x 30.2" x 12.8"

TV with stand weight: 76.1 lbs.

Shipping information (WxHxD)

Dimensions: 48.3" x 34.8" x 16.9"

Weight: 94.8 lbs.

Order code

Order code: LN46A500T1FXZA

UPC

036725229013

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