

LN40A540

SERIES **5** LCD TV

40" Full High Definition TV with 1080p Resolution



TV/Video

- HD-grade 1920 (H) x 1080 (V) pixel resolution
- Widescreen aspect ratio
- 35,000:1 dynamic contrast ratio
- Wide color enhancer
- Built-in digital tuner (ATSC/Clear QAM)
- Fast 5ms response time
- Single user interface
- 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
- HDMI-CEC
- Headphone (side)
- Swivel stand



OFFICIAL HDTV OF THE NFL

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

LN40A540

40" 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.

Ultra clear panel allows you to enjoy crisp image details, natural skin tones, excellent shadow detail and vibrant colors

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

35,000:1 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

Optical sound output

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

SERIES **5** LCD TV

Net dimensions and weight (WxHxD)

TV without stand: 39.3" x 25.3" x 3.6"

TV without stand weight: TBD lbs.

TV with stand: 39.3" x 27.0" x 11.8"

TV with stand weight: 46.7 lbs.

Shipping information (WxHxD)

Dimensions: 42.8" x 31.7" x 14.9"

Weight: 61.5 lbs.

Order code

Order code: LN40A540P2FXZA

UPC

036725228535

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

HDMI, the HDMI logo and High Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Energy Star® is a registered trademark of the U. S. Environmental Protection Agency.

SRS TruSurround XT is a registered trademark of SRS Labs, Inc.

Wiselink® is a registered trademark of Samsung Electronics Co., Ltd.

©2008 NFL Properties LLC. Team names/logos are trademarks of the teams indicated. All other NFL-related trademarks are trademarks of the National Football League.

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

©2008 Samsung Electronics America, Inc. All rights reserved Samsung is a registered trademark of Samsung Electronics Co., Ltd. All product and brand names are trademarks or registered trademarks of their respective companies.

308-SS Printed in USA

For more information on digital TV technology please visit www.samsung.com/hd