

LN40A650

SERIES **6** LCD TV

40" Full High Definition TV with 1080p Resolution

(39.9" (truncated) actual diagonal screen size)



ToC[™]
Touch of Color

Samsung presents innovative HD design and performance on a brilliant 40-inch LCD screen. Samsung's exclusive Touch of Color[™] design accents the top and bottom edges of the bezel with a unique red tone. Full 1080p HD resolution and 50,000:1 dynamic contrast ratio offer stunning image detail and vivid colors. Auto Motion Plus 120Hz[™] and Ultra Clear Panel technology work together to offer the smoothest motion and boldest bright and dark tones. Stay connected to the web via the InfoLink[™] RSS feature, with content provided by USA Today. And the WiseLink USB 2.0 input and user-friendly interface gives you access to pictures and playlists from a specially designed Wheel Remote.

TV/Video

- Touch of Color design
- Infolink[™] (RSS feeds of customizable stock quotes, weather and brief news articles)
- Auto Motion Plus 120Hz[™]
- HD-grade 1920 (H) x 1080 (V) pixel resolution
- 50,000:1 dynamic contrast ratio
- Wide color enhancer
- Built-in digital tuner (ATSC/Clear QAM)
- Fast 4ms response time
- Ultra Clear Panel[™]
- Single user interface
- Wheel key

Audio

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

Connections

- 4 HDMI — High Definition Multimedia Interface (3 rear/1 side)
- 2 Component video inputs (rear)
- S-video input (1 side)
- Side and Rear composite inputs
- PC input
- Wiselink[®] (USB 2.0)
- RF antenna inputs
- Headphone
- 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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40" Full High Definition TV with 1080p Resolution

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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.

50,000:1 dynamic contrast ratio

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

Auto Motion Plus 120Hz™

Touch of Color design

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

Wheel key remote control

Infolink™ (RSS feeds of customizable stock quotes, weather and brief news articles)

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

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

Response time: Fast 4ms response time minimizes blurring of moving video.

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

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

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

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.

Down firing speakers

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

4 HDMI (High-Definition Multimedia Interface) 3 rear/1 side

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

S-Video input: 1 side

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

PC input: 1

Wiselink® (USB 2.0)

RF antenna inputs: 2

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

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Net dimensions and weight (WxHxD)

TV without stand: 39.3" x 25.1" x 3.3"

TV without stand weight: 37.5 lbs.

TV with stand: 39.3" x 27.5" x 11.8"

TV with stand weight: 44.5 lbs.

Shipping information (WxHxD)

Dimensions: 43.3" x 32.2" x 15.0"

Weight: 56.7 lbs.

Order code

Order code: LN40A650A1FXZA

UPC

036725228207

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