

LN32A650

SERIES **6** LCD TV

32" Full High Definition TV with 1080p Resolution



ToC[™]
Touch of Color

Samsung presents innovative HD design and performance on a brilliant 32-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 15,000:1 dynamic contrast ratio offer stunning image detail and vivid colors. Ultra Clear Panel technology offers the boldest bright and dark tones. Stay connected to the web via the InfoLink[™] RSS feature, with content provided by USA Today. And the 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)
- HD-grade 1920 (H) x 1080 (V) pixel resolution
- 15,000:1 dynamic contrast ratio
- Wide color enhancer
- Built-in digital tuner (ATSC/Clear QAM)
- Fast 5ms response time
- Ultra Clear Panel[™]
- Picture-in-Picture

Audio

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

Connections

- 4 HDMI — High Definition Multimedia Interface (3 rear/1 side)
- HDMI-CEC
- 2 Component video inputs (rear)
- S-video input (1 rear)
- Rear composite input
- PC input (rear)
- RF antenna inputs
- Headphone (side)
- Swivel stand



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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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32" 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.

15,000:1 dynamic contrast ratio

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

Touch of Color design

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 5ms 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.

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 side (shared with component) /1 rear

PC input: 1

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: 31.7" x 20.8" x 3.2"

TV without stand weight: 25.6 lbs.

TV with stand: 31.7" x 23.0" x 9.9"

TV with stand weight: 30.4 lbs.

Shipping information (WxHxD)

Dimensions: 35.9" x 29.4" x 7.4"

Weight: 40.6 lbs.

Order code

Order code: LN40A650A1FXZA

UPC

036725228351

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