

PRELIMINARY

# LN19B650 19" High Definition TV with 720p Resolution (18.5" (truncated) actual diagonal screen size)

SERIES **6** LCD TV



Samsung's LN19B650 takes your HDTV enjoyment – and capabilities – to new heights. The power of HD 720P resolution delivers clear, vivid images on a 19-inch LCD screen. Connect your DVD or Blu-ray Disc® player easily, using the HDMI input. SRS TruSurround HD™ sound provides the big, crystal-clear audio to match all the HD excitement. And highlight nearly any room in the house with a unique charcoal grey accent at the bezel's edge, courtesy of the Touch of Color™ design. The Wide Color Enhancer renders the most vivid tones, for a more realistic picture quality.

## TV/VIDEO

- Touch of Color™ design
- 720p pixel resolution
- 15,000:1 dynamic contrast ratio
- Built-in digital tuner
- Fast 8ms response time
- Game Mode
- Single User Interface
- Energy Star
- Wide Color Enhancer 2

## AUDIO

- Watts per channel: 3W x 2
- SRS TruSurround HD™

## CONNECTIONS

- 1 HDMI input (rear)
- Component video input (rear)
- Composite input (1 rear/1 side)
- PC input
- RS232C
- Headphone jack



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

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## FEATURES

**720p pixel resolution:** 1366 (H) x 768 (V) pixel resolution

**Widescreen aspect ratio**

**CCFL—Cold Cathode Fluorescent lamp**

**15,000:1 dynamic contrast ratio**

**Touch of Color™ (ToC):** Samsung's unique manufacturing process accents the surrounding bezel with a stylish red tone

**Wide Color Enhancer2:** Optimizes a given color's hue, resulting in more natural rendering of colors.

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

**Response time:** A fast 8ms response time minimizes blurring of fast motion in sports programs.

**Game Mode** enhances dark areas, sharpens the picture, speeds up the image processing response and enhances the sounds of your games. Picture and sound quality optimized for the special needs of gaming systems at the touch of a button.

**Single User Interface**

**SRS TruSurround HD™** creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

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

**Bottom speakers with 3 Watts x 2 audio power**

**Energy Star® Compliant** reduces energy consumption by up to 25% compared with standard TVs.

**V-Chip system<sup>1</sup>:** 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.

## CONNECTIONS

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

**Component video:** 1 rear (Y, Pb, Pr)

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

**PC input:** 1

**Optical sound output:** 1

**RS232C**

**Headphone jack**

## WARRANTY

1 year parts and 1 year labor warranty (90 days parts and labor for commercial use), with carry in 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/UFH 75-ohm, F-type

**Watts per channel:** 3W x 2

## NET DIMENSIONS & WEIGHT (WXHXD)

**TV without stand:** 18.6" x 12.2" x 2.5"

**TV without stand weight:** 9.0 lbs.

**TV with stand:** 18.6" x 14.3" x 7.5"

**TV with stand weight:** 9.7 lbs.

## SHIPPING INFORMATION (WXHXD)

**Dimensions:** 21.5" x 15.1" x 6.4"

**Weight:** 11.9 lbs.

## ORDER CODE

LN19B650T6DXZA

## UPC

036725229273

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

<sup>2</sup>As an Energy Star® partner, Samsung has determined that this product meets the Energy Star® guidelines for energy efficiency. Energy Star® is a registered trademark of the U.S. Environmental Protection Agency.

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](http://www.samsung.com/hd)