

PRELIMINARY

LN22B650 22" High Definition TV with 720p Resolution
(21.5" (truncated) actual diagonal screen size)

SERIES **6** LCD TV



Samsung's LN22B650 takes your HDTV enjoyment – and capabilities – to new heights. The power of HD 720p resolution delivers clear, vivid images on a 22-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
- 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
- Headphone jack
- RS232C

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

SRS
TruSurround HD

HDTV



15,000:1
DYNAMIC CONTRAST



ToC™
TOUCH OF COLOR

SAMSUNG

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 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.

CONNECTIONS

1 HDMI (High-Definition Multimedia Interface) version 1.3: (1 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: 21.3" x 13.8" x 2.5"

TV without stand weight: 10.6 lbs.

TV with stand: 21.3" x 14.3" x 15.9"

TV with stand weight: 11.2 lbs.

SHIPPING INFORMATION (WXHXD)

Dimensions: 24.1" x 16.7" x 6.5"

Weight: 14.1 lbs.

ORDER CODE

LN22B650T6DXZA

UPC

036725229280

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

²As 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