

LN37B650 37" High Definition TV 1080p Resolution (37.0" (truncated) actual diagonal screen size)



Samsung's LN37B650 takes your HDTV enjoyment – and capabilities – to new heights. The power of Full HD 1080p resolution delivers clear, vivid images on a 37-inch LCD screen. Auto Motion Plus™120Hz technology renders the smoothest, most lifelike HD action. Connect your DVD, cable or satellite HD box, or Blu-ray Disc® player easily, using any of four HDMI inputs. Experience truer, more natural dark tones and shadows with the 100,000:1 dynamic contrast ratio. And highlight nearly any room in the house with a unique red accent at the bezel's edge, courtesy of the Touch of Color™ design. Check sports scores, stock quotes, weather and other update able RSS content at just the touch of a button on your remote, with the InfoLink™ feature.

TV/VIDEO

- Touch of Color™ design
- Full HD-grade pixel resolution (1080p)
- InfoLink™
- Auto Motion Plus™120Hz
- 100,000:1 dynamic contrast ratio
- Built-in digital tuner
- Fast 4ms response time
- Picture-in-Picture
- Game Mode
- Ultra Clear Panel
- Wide Color Enhancer2
- Crystal Neck Swivel Stand

AUDIO

- Watts per channel: 10W x 2
- SRS TruSurround HD™

CONNECTIONS

- 4 HDMI inputs (3 rear/1 side)
- USB 2.0 Movie (2 side)
- 2 Component video inputs (rear)
- 2 Composite inputs (1 rear/1 side)
- PC input
- Ethernet



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FEATURES

HD-Grade 1920 (H) x 1080 (V) pixel 1080p resolution: High-resolution pixel density is combined with a 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
100,000:1 dynamic contrast ratio

Ultra Clear Panel: Advanced LCD technology lets you enjoy crisp image details, natural skin tones, excellent shadow detail, and vibrant colors.

Auto Motion Plus™120Hz: Advanced processing that reduces blur and enhances image detail when viewing fast motion video sequences.

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

InfoLink™: Provides RSS feeds of customizable stock quotes, weather, and brief news articles on selected Samsung TVs.

USB 2.0 Movie: For playing MP3 and displaying JPEG/MPEG files through the USB 2.0 connection on selected Samsung TVs.

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 4ms 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.

Picture-in-Picture (PIP): Enables convenient, simultaneous viewing of TV programs and video or PC content sources.

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 10 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.

Swivel stand

CONNECTIONS

4 HDMI (High-Definition Multimedia Interface) version 1.3: (3 rear/1 side)

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

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

USB: 2 (side)

PC input: 1 (rear)

Optical sound output: 1

Ethernet: 1 (rear)

RS232C

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/UFH 75-ohm, F-type

Watts per channel: 10W x 2

NET DIMENSIONS & WEIGHT (WXHXD)

TV without stand: 36.5" x 24.0" x 3.1"

TV without stand weight: 29.5 lbs.

TV with stand: 36.5" x 26.3" x 10.0"

TV with stand weight: 38.1 lbs.

SHIPPING INFORMATION (WXHXD)

Dimensions: 46.9" x 28.2" x 9.4"

Weight: 48.3 lbs.

ORDER CODE

LN37B650T1FXZA

UPC

036725229358

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