

# LN32B460 32" High Definition TV

(31.5" (truncated) actual diagonal screen size)



Bring home Samsung's LN32B460 LCD HDTV, and connect to HD excitement like never before. HD-grade pixel resolution offers outstanding image clarity and lifelike picture quality. Three HDMI interface connections let you easily hook up your DVD, cable or satellite HD box, or Blu-ray Disc® players – all three. Two component video inputs are compatible with virtually any analog equipment. The PC input lets you connect to your home computer in a snap. Advanced SRS TruSurround HD™ audio technology matches powerful sound to the captivating picture quality. True, clear sound is delivered via an internal 10W X 2 speaker system. And in any room, the attractive design is always a standout: The red design element at the bottom of the set lends a touch of elegance, while the "piano black" cabinet projects a bold, classic look.

## TV/VIDEO

- HD-grade pixel resolution
- Widescreen aspect ratio
- 50,000:1 dynamic contrast ratio
- Fast 6ms response time
- Game Mode
- Single User Interface
- Wide Color Enhancer 2
- Swivel stand
- "Piano Key Black" cabinet

## AUDIO

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

## CONNECTIONS

- 3 HDMI inputs (2 rear/1 side)
- 2 Component video inputs (rear)
- 2 Composite input (1 rear/1 side)
- Optical sound output
- PC input
- RS232C
- Headphone jack (rear)



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## FEATURES

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

**Widescreen aspect ratio**

**CCFL—Cold Cathode Fluorescent lamp**

**50,000:1 dynamic contrast ratio**

**Wide Color Enhancer<sup>2</sup>:** Optimizes a given color's hue, resulting in more natural rendering of colors.

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

**Response time:** A fast 6ms 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 10 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.

**Swivel Stand**

## CONNECTIONS

**3 HDMI (High-Definition Multimedia Interface) version 1.3:** (2 rear/1 side)

**Component video:** 2 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/UHF 75-ohm, F-type

**Watts per channel:** 10W x 2

## NET DIMENSIONS & WEIGHT (WXHXD)

**TV without stand:** 31.4" x 20.4" x 3.0"

**TV without stand weight:** 20.1 lbs.

**TV with stand:** 31.4" x 22.8" x 9.4"

**TV with stand weight:** 25.1 lbs.

## SHIPPING INFORMATION (WXHXD)

**Dimensions:** 35.3" x 23.6" x 10.2"

**Weight:** 32.8 lbs.

## ORDER CODE

LN32B460B2DXZA

## UPC

036725229884

<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)

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Part Number:

