

# LN40B550K1HXZA 40" Full High Definition TV with 1080p Resolution

Digital hospitality solution supporting PPV and guest services  
39.9" (truncated) actual diagonal screen size



Step up to the power of Full HD on a 40-inch LCD with Samsung's LN40B550K1HXZA. The amazing 1080p resolution - the highest available - with Wide Color Enhancer renders the most crisp vivid tones in every frame for the most realistic picture quality. Black tones and shadows are strikingly superb, thanks to the 70,000:1 dynamic contrast ratio. The attractive Touch of Color™ design - a red accent at the bezel's edge - lights up any room. A fast 6ms response time offers smooth, clear action. And thanks to SRS TruSurround HD technology, all the HD excitement sounds as incredible as it looks. Add in the full suite of hospitality features - front panel lock out, USB cloning, hotel logo on-screen display, audio volume limiters and Anti-Theft Battery Cover and these features help make Samsung the hotelier's logical choice.

## TV/VIDEO

- 1920 x 1080 Full HD Resolution
- 70,000:1 Dynamic Contrast Ratio
- Tuners: NTSC/ATSC/Clear QAM Cable
- Fast 6ms response time
- Wide Color Enhancer 2

## AUDIO

- Invisible bottom firing speakers: 10W x 2
- Bathroom Speaker Output: 4W
- SRS TruSurround HD™

## CONNECTIVITY

- 4 HDMI CEC (3 Rear/ 1 Side)
- 1 Component video input
- PC Input: 15-pin D Sub
- 12v/1.5A DC Output for Set-Back Box
- Ex-Link for Remote Jack Pack
- 2 Composite Video Inputs
- Headphone Output
- RJ-12 Interactive Port with IR Pass-Through

## COMPATIBILITY

- Most major PPV systems\*
- Enseo HD2000™ digital media player
- HS-400A DRM module

## FEATURES

- Hotel Logo On-Screen Display
- USB Cloning
- Anti-Theft Battery Cover
- Touch of Color™ Design
- Front Panel Lock Out
- Swivel Table Stand
- Audio Volume Limiters
- 4 Energy Saving Modes
- Channel Re-Mapping
- Power On Channel/Input Select
- Auto Installation Mode

\* Check with your Samsung supplier



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## VIDEO PERFORMANCE

**1920 x 1080 Full HD resolution** - Highest resolution available is combined with an image scaler to handle inputs from a variety of sources.

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

**Response time:** A fast 6ms response time minimizes blurring of fast motion in sports programs.

**70,000:1 dynamic contrast ratio** Black tones and shadow areas are rendered superbly and with great range versus brilliant whites.

**NTSC/ATSC/Clear QAM Cable** Receives all American NTSC (analog), ATSC (digital) and QAM (digital cable television) broadcasts with supplied signals.

## AUDIO PERFORMANCE

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

**Invisible, Bottom Firing Speakers** Hidden from view, 20 watts of audio power project a full sound throughout the guest room.

**Auto Volume Leveler** Automatically decreases overly loud and increases very quiet audio for a smoother, more enjoyable listening experience.

**Bathroom speaker output** Enables connection of a remote speaker in another area of a hotel guest room.

## FEATURES

**Hotel Logo On-Screen Display** Enables the hotel's logo to appear when the television is powered on.

**USB Cloning** A quick and easy way to copy the ideal settings of one television to all others on the property. Saves time and helps provide a consistent experience in all rooms.

**Front Panel Lock Out** Prevents unauthorized access to TV's menu. Helps ensure problem-free in-room guest experience.

**Swivel Table Stand** Provides adjustable viewing angles throughout the guest room.

**Anti-Theft Battery Cover** Battery door is secured helping to always keep batteries in the remote controller.

**Touch of Color™ Design** Samsung's unique manufacturing process accents the surrounding bezel with a stylish red tone.

**Closed Captioning** A quick and easy way to copy the ideal settings of one television to all others on the property. Saves time and helps provide a consistent experience in all rooms.

**V-Chip system<sup>1</sup>:** Allows blocking of rated TV and movie programs determined by a parent to contain objectionable content.

**Variable sleep timer:** Can be programmed to turn the TV off at different time intervals.

## CONNECTIONS

**4 HDMI 1.3 CEC:** (3 Rear/1 Side)

**Component video input:** 1 Rear

**PC input:** 15-pin D Sub (1 Rear)

**12v / 1.5A DC Output for Set-Back Box**

**Ex-Link for Remote Jack Pack HD Media Hub**

**2 Composite Video inputs** (1 Rear/1 Side)

**Headphone Output**

**RJ-12 Interactive Port with IR Pass-Through**

**Optical audio output:** (1 Rear)

**Bathroom Speaker Output:** (1 Rear)

## WARRANTY

2 year parts and 2 year labor warranty backed by Samsung Hospitality Hotline 1-866-894-0524.

Optional professional installation and extended warranties may be available from your Samsung Hospitality Television supplier.

## 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

**Audio power:** 10W x 2

**4 Energy Savings Modes**

**VESA wall mount pattern:** 200mm x 200mm

## ECO-INITIATIVES

Energy Saving Modes reduce power consumption up to 70%, depending on model.

RoHS Compliance significantly reduces or eliminates harmful substances while the RHCM cabinet eliminates Volatile Organic Compounds (VOC).

## NET DIMENSIONS & WEIGHT (WXHxD)

**TV without stand:** 38.7" x 24.7" x 3.1"

**TV without stand weight:** 32.8 lbs.

**TV with stand:** 38.7" x 26.6" x 10.0"

**TV with stand weight:** 39.7 lbs.

## SHIPPING INFORMATION (WXHxD)

**Dimensions:** 49.1" x 29.0" x 9.4"

**Weight:** 49.6 lbs.

## ORDER CODE

LN40B550K1HXZA

## UPC

0 36725 23024 8

Enseo HD2000 Digital Media Player - Set-Back Box for Free-To-Guest HDTV system without Video-On-Demand vendor. Suitable for Hotels, Stadiums, Education and Digital Signage. Power from Samsung display means no extra A power brick. Visit [www.enseo.com](http://www.enseo.com) for more information. Enseo is a trademark of Enseo, Inc.

HS-400A DRM Module - Set-Back-Box for industry standard Digital Rights Management HDTV decryption. Call 866-341-1122 for information.

<sup>1</sup> Feature dependent upon broadcasting of information by local off-air TV and cable channels. Design and specifications are subject to change without notice. Non-metric weights and dimensions are approximate.

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For more information on Hospitality digital TV technology please visit <http://www.samsung.com/global/experience/hospitality>

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