

LN40A450

40" High Definition TV



Enjoy the clarity of HD, in a stunningly modern design. True 720p resolution offers amazing LCD image detail, complemented by a 10,000:1 dynamic contrast ratio for vivid colours and bold blacks. Three HDMI™ inputs let you connect quickly and easily to your peripherals. Call up a variety of menu options and preferences – right on the 40-inch screen – via a smart user interface. Speaking of smart, the intelligently hidden speakers ensure a sleek, clean look that fits in almost any surroundings.

SERIES **4** LCD TV

TV/Video

- HD 1366 (H) x 768 (V) pixel resolution
- 10,000:1 dynamic contrast ratio
- Wide color enhancer 2
- Widescreen aspect ratio
- Fast 8ms response time
- Smart user interface
- Built-in digital tuner (ATSC/Clear QAM)
- 1080p 24fps Real Movie

Audio

- Hidden bottom speakers
- SRS TruSurround XT®
- Watts per channel: 10W x 2

Connections

- 3 HDMI™ — High Definition Multimedia Interface (2 rear/1 side)
- 2 Component Video Inputs (rear)
- Composite Inputs (1 rear/1 side)
- Optical Sound Output (rear)
- S-Video Input (side)
- Headphone Jack (side)
- PC Input (rear)
- RF input (rear)
- HDMI-CEC



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Features

HD-Grade 1366 (H) x 768 (V) pixel resolution: High resolution pixel density with built-in image scaler to handle inputs from a variety of digital and analogue audio/video sources.

Widescreen aspect ratio

CCFL—Cold Cathode Fluorescent Lamp: Provides colours in your picture that were not available before.

Wide Color Enhancer 2 optimizes a colour's hue resulting in more natural colours.

10,000:1 dynamic contrast ratio

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

Response time: Fast 8ms response time minimizes blurring of moving video.

178° x 178° (H/V) viewing angle

Smart User Interface

DNIe™ The Samsung Digital Natural Image engine. This exclusive Samsung technology dramatically improves the picture by enhancing the contrast, detail, white balance and reduces noise.

Entertainment Mode allows customized picture settings, optimized for different content (e.g., sports, movies, gaming).

Hidden bottom speakers with 10 Watts x 2 audio power.

SRS TruSurround XT®: TruSurround is a patented SRS technology that solves the problem of playing 5.1 multichannel content over two speakers. TruSurround delivers a compelling, virtual surround sound experience through any two speaker playback system, including internal television speakers and headphones. It is fully compatible with all multichannel formats up to 5.1 channels.

Stereo broadcast reception: (MTS & SAP) with 181-channel capacity.

V-Chip system¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

1080 24p Real Movie: Watch movies in their original 24 frames-per-second format, the way that they were intended to be seen. Real Movie Supports 24 fps sources through the HDMI™ input.

Trilingual on-screen displays in English, French or Spanish.

Variable sleep timer to turn the TV off in varying time intervals.

HDMI-CEC allows peripheral devices such as a DVD player to be controlled by TV remote control.

Swivel Stand

Connections

3 HDMI™ (High-Definition Multimedia Interface): 2 rear/1 side

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

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

S-Video input: 1 side

PC input: rear

Optical sound output: rear

RF input: rear

Headphone jack: side

Warranty

1-year parts and labour warranty. 90 days parts and labour for commercial use, with in-home service, backed by Samsung toll-free support. 1-800-SAMSUNG.

Specifications

Panel: Wide (16:9) LCD

TV system: NTSC standard colour

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 and weight (WxHxD)

TV without stand: 39.0" x 25.2" x 3.8"

TV without stand weight: 34 lbs.

TV with stand: 39.0" x 27.3" x 11.8"

TV with stand weight: 41.0 lbs.

Shipping information (WxHxD)

Dimensions: 43.3" x 30.1" x 10.8"

Weight: 52.0 lbs.

Order code

LN40A450C1DXZC

UPC

770332082059

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

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All features, specifications, and model numbers subject to change.

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Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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