

# 42LK450

42" Class 1080p LCD TV  
(42.0" diagonal)



## FEATURES

- Full HD 1080p Resolution
- Picture Wizard II
- Intelligent Sensor
- Smart Energy Saving
- ISFccc® Ready



## IS IT A TV? OR SOMETHING BETTER?

If you been hearing about how amazing Blu-ray entertainment is, or how much better your favorite shows would look in HD, you've heard right. The thing is, you need 1080p Full HD to get the most out of both. With the LK450, you can.



This stunning picture is the reason you wanted HDTV in the first place. With almost double the pixel resolution, Full HD 1080p gives it superior picture quality over standard HDTV.



Get easy self-calibration with on-screen reference points for key picture quality elements such as black level, color, tint, sharpness and backlight levels. Take the guesswork out of picture adjustments with this simple-to-use feature.



Let your TV do the adjustments for you. Intelligent Sensor automatically optimizes the picture to the lighting and color conditions in the room for a more enjoyable viewing experience.



# 42LK450

42" Class 1080p LCD TV



## PANEL SPECIFICATIONS

Screen Size	42" Class (42.0" Diagonal)
Resolution	1920 x 1080p
Frame Rate	60Hz
Contrast Ratio (DCR)	100,000:1

## BROADCASTING SYSTEM

Analog	NTSC
Digital	ATSC/NTSC/Clear QAM (1 Tuner)

## VIDEO

XD Engine	•
Aspect Ratio Correction	6 Modes (16:9/Just Scan/Original/4:3/Zoom/Cinema Zoom)
Color Temperature Control	3 Modes (Warm/Medium/Cool)
Picture Mode	8 Modes (Intelligent Sensor/Vivid/Standard/Cinema/Sport/Game/isf Expert 1/isf Expert 2)
Just Scan	HDMI 1080p/1080i/720p
0% OverScan	Component 1080p/1080i/720p RF 1080i/720p
24p Real Cinema (24p 5:5/2:2 Pull Down)	• (HDMI 1080 24p)
Expert Mode/ISFccc Ready	•
THX Certified Display (w/Bright Room Mode)	•
xvYCC	•
AV Mode (Picture & Sound)	• (Cinema/Game/Sport)
Picture Wizard II (Easy Self Calibration)	•

## AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output (Watts - THD 10%)	10W + 10W
Speaker System	1 Way 2 Speakers
Dolby Digital Decoder	•
Surround System	Infinite Surround
Bass/Treble/Balance	•
Auto Volume Leveler	•
Sound Mode	5 Modes (Standard/Music/Cinema/Game/Sports)
Clear Voice II	•

## SPECIAL FEATURES

Smart Energy Saving	•
Intelligent Sensor	•
1080p Source Input	HDMI 60p/30p/24p Component 60p/30p/24p RGB 60p (WXGA)
AV Input Navigation	•
Input Labeling	•
Child Lock	•
Closed Caption	•
SIMPLINK™ (HDMI CEC)	•
Ecological Trademark	EPA 4.1

## CONVENIENCE FEATURES

Language	English/Spanish/French/Korean
Auto Tuning/Programming	•
Channel Add/Delete	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off (Sleep)	•

## AV INPUTS/OUTPUTS

RF In (Antenna/Cable)	1 (Rear)
AV In	2 (1 Side, 1 Rear)
Component Video In (Y, Pb, Pr) + Audio	2 (Rear)

## AV INPUTS/OUTPUTS

HDMI™/HDCP Input	3 (2 Rear, 1 Side)
USB 2.0	1 (Side)
Digital Audio Out (Optical)	1 (Rear)
RGB In (D-Sub 15 Pin) - PC	1 (Rear)
PC Audio Input	1 (Rear)
RS-232C (Control/Service)	1 (Rear)
Headphone Out	1 (Side)

## CABINET

Swivel	20°/20°
VESA Compatible	• (200mm x 200mm)
Remote Control	Standard

## POWER

Voltage, Hz	100V ~ 240V, 50/60Hz
Consumption (Max.)	205W
Consumption (Average)	175W
Standby Mode	<0.1W

## DIMENSIONS/WEIGHT

TV without Stand (WxHxD)	40.1" x 24.8" x 3.0"
TV with Stand (WxHxD)	40.1" x 27.5" x 10.4"
Shipping Dimensions (WxHxD)	48.4" x 30.3" x 6.3"
TV without Stand Weight	29.5 lbs
TV with Stand Weight	33.3 lbs
Shipping Weight	41.9 lbs

## WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor
UPC	719192580930

## LG Electronics U.S.A., Inc.

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[LG.com](http://LG.com)

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

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