

# 42LK450

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



## FEATURES

- Full HD 1080p Resolution
- ENERGY STAR® Qualified
- 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.



ENERGY STAR qualified TVs use about 30% less energy than standard units. Earning the ENERGY STAR means a product meets strict energy efficiency guidelines set by the US Environmental Protection Agency and the Department of Energy.



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.



LCD TV

# 42LK450

42" Class 1080p LCD TV



## PANEL SPECIFICATIONS

|                      |                                       |
|----------------------|---------------------------------------|
| Screen Size          | 42" Class (42.0" measured diagonally) |
| 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                  | •                                                                                       |
| 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) | •                     |

## 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

|                        |                      |
|------------------------|----------------------|
| ENERGY STAR® Qualified | •                    |
| 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**

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

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