

## LCD TV

# 42LD450

## 42" CLASS

42.0" diagonal

### HIGHLIGHTS

Full HD 1080p Resolution  
100,000:1 Dynamic Contrast Ratio  
Picture Wizard



### FEATURES

- Full HD 1080p Resolution
- 100,000:1 Dynamic Contrast Ratio
- Picture Wizard II  
(Easy Picture Calibration)
- Smart Energy Saving
- AV Mode  
(Cinema, Sports, Game)
- Clear Voice II
- ISFccc® Ready
- 24P Real Cinema
- USB 2.0 (JPEG & MP3)
- 2 HDMI™ 1.3 Inputs
- SIMPLINK™ Connectivity
- Dolby® Digital 5.1 Decoder
- Infinite Sound



## Is it a TV? Or something better?

You know it's time to start enjoying Full HD 1080p, and the LD450 is an easy way to get into it. A beautiful LCD with all of the innovations that make LG TVs something better.



Double the detail. 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. You'll see details and colors like never before.



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.



Wise and not wasteful. With our Smart Energy Saving Features, you can conserve money and energy.



### PANEL SPECIFICATION

Screen Size	42" Class (42.0" diagonal)
Resolution	1920 x 1080p
Dynamic Contrast Ratio	100,000:1
Viewing Angle	178°/178°
Response Time (GTG)	4ms
Life Span (Typical)	60,000 hrs

### VIDEO

Built-In Tuner	ATSC/NTSC/Clear QAM
XD® Engine	•
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes
Just Scan (1:1 Pixel Matching)	
HDMI™	1080p/1080i/720p
Component	1080p/1080i/720p
RF	1080i/720p
Color Temperature Control	3 Modes
24p Real Cinema (5:5/2:2 Pulldown)	•
3:2 Pulldown	•
Picture Reset	•
AV Mode II	•
Picture Mode	7 Modes
ISFccc® Ready	•
x.v.Color™	•
DTV Signal Strength Indicator	•

### AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	20W (10W x 2)
Speaker System Details	2 Way 4 Speakers
Dolby® Digital Decoder	•
Surround System	Infinite Sound
Bass/Treble/Balance Controls	•
Clear Voice II	•
Auto Volume Leveler II	•
EZ Sound Mode	5 Modes

### SPECIAL FEATURES

Picture Wizard II	•
Backlight Control	•
Smart Energy Saving	•
1080p Source Input	
HDMI™	60p/30p/24p
Component	60p/30p/24p
RGB	60p (WXGA)
A/V Input Navigation	•
Input Labeling	•
Quick View (Flashback)	•
Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
SIMPLINK™ (HDMI CEC)	•

### CONVENIENCE FEATURES

Language	4 (English/Spanish/French/Korean)
Auto Tuning/Programming	•
Channel Add/Delete	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off/Auto Sleep (When no video is present)	•

### AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1 (rear)
AV In	1 (rear) 1 (side)
Component Video In (Y, Pb, Pr) + Audio	1 (rear)
Digital Audio Out (Optical)	1 (rear)
HDMI™ 1.3/HDCP Input	1 (rear) 1 (side)
RGB In (D-Sub 15pin) - PC	1 (rear)
PC Audio Input	1 (rear)
RS-232C In (Control/Service)	1 (rear)
USB 2.0 (JPEG, MP3)	1 (side)
Headphone Out	1 (side)

### CABINET/ACCESSORIES

Cabinet Color	Glossy Black
Swivel Stand (Degrees)	+20°/-20°
VESA® Compliant (WxH)	• (200mm x 200mm)
Remote Control	1 (Unified)

### POWER

Voltage, Hz	100V ~ 240V, 50/60Hz
On Mode (Average)	180W
Standby Mode	<0.1W

### DIMENSIONS & WEIGHT

TV Without Stand (WxHxD)	40.2" x 25.0" x 3.0"
TV With Stand (WxHxD)	40.2" x 27.0" x 10.3"
Shipping Dimensions (WxHxD)	TBD
TV Without Stand Weight	29.8 lbs
TV With Stand Weight	33.3 lbs
Shipping Weight	41.7 lbs

### WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor
UPC	719192177260

### REMOTE/INPUT/OUTPUTS (REAR/SIDE)

