



LCD TV

## 42SL90

42" 1080p 120Hz Edge-lit LED LCD TV  
(42.0" diagonal)



Now there's an advanced-technology 1080p 120Hz HDTV that truly speaks to your sense of style. The SL series features a seamless, edge-to-edge panel and highlights a sleek, elegant design—making everything else seem just ordinary.

### TV

- Edge-lit LED
- TruMotion 120Hz
- Intelligent Sensor Mode
- Full HD 1080p HD Resolution
- 3,000,000:1 Dynamic Contrast Ratio
- 2.4ms Response Time (GTG)
- 500 cd/m<sup>2</sup> Brightness
- Wide Color Gamut
- Super IPS Panel
- Wide Viewing Angle
- XD Engine®
- 24p Real Cinema
- ISFccc® Ready
- Picture Wizard
- AV Mode II (Cinema, Sports, Game)
- NTSC/ATSC Tuners with Clear QAM

### AUDIO

- Output Power: 10W x 2
- Invisible Speaker System
- Clear Voice II
- SRS TruSurround XT™
- Smart Volume Controller
- Dolby® Digital 5.1 Decoder

### SMART ENERGY SAVINGS

- Backlight Control
- Video Mute
- ENERGY STAR® 3.0 Compliant

### CONNECTIVITY

- 4 HDMI™ V1.3 with Deep Color (3 rear/1 side)
- SIMPLINK™ Connectivity
- 2 HD Component Video Inputs (rear)
- 2 Composite Input (1 rear/1 side)
- 1 Optical Digital Audio Out (rear)
- USB 2.0 (JPEG, MP3, Video) (side)
- PC Connectivity (D-sub 15pin)
- RF Antenna/Cable Input



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LCD SPECIFICATION	
Native Display Resolution	1920 x 1080p
Brightness (cd/m <sup>2</sup> )	500
Dynamic Contrast Ratio	3,000,000:1
Viewing Angle	178° / 178°
Color Reproduction	10Bit
Response Time	2.4ms
TruMotion 120Hz	•
True Viewing Angle	•
Life Span (Typical)	30,000 hours

BROADCASTING SYSTEM	
Analog	•
ATSC/NTSC/Clear QAM	•

VIDEO	
XD Engine	•
Aspect Ratio	16:9
Aspect Ratio Correction	7 Modes
Just Scan (1:1 Pixel Matching)	
- HDMI	1080p/1080i/720p
- Component	1080p/1080i/720p
- RF	1080i/720p

Enhanced Noise Reduction (Video Noise Filter)	• (3D & MPEG)
Color Temperature Control	3 Modes
24p Real Cinema	• (5:5)
AV Mode II (Picture & Sound)	3 Modes
Picture Mode	8 Modes
ISFccc Ready	•
Intelligent Sensor Mode	•
xvYCC	•

AUDIO	
Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	10W + 10W
Invisible Speaker System Details	1 Way 2 Speaker
Dolby Digital 5.1 Decoder	•
Surround System Type	SRS TruSurround XT
Bass/Treble/Balance Controls	•
Clear Voice II	•
Auto Volume Leveler II	•
Sound Mode	5 Modes

SPECIAL FEATURES	
Picture Wizard	•
Backlight Control	•
Smart Energy Saving	•
Mechanical Power Off	•
1080p Source Input	
- HDMI	60p/30p/24p
- Component	60p/30p/24p
- RGB	60p (WXGA)

A/V Input Navigation	•
Input Labeling	•
Quick View (Previous Channel)	•
Quick Setup Guide	•
e-Manual	•
Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
LG SIMPLINK (HDMI CEC)	•

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

SIDE AUDIO/VIDEO INPUTS/OUTPUTS	
HDMI/HDCP Input	1 (V1.3 with Deep Color)
USB 2.0 (JPEG/MP3/Video)	1

REAR AUDIO/VIDEO INPUTS/OUTPUTS	
RF In (Antenna/Cable)	1
HD Component Video In (Y,Pb,Pr) + L/R Audio	2

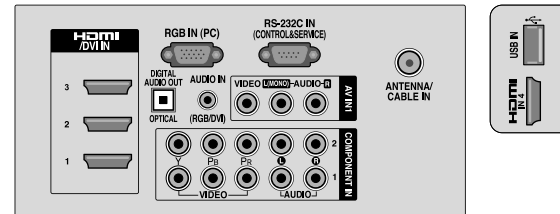
REAR AUDIO/VIDEO INPUTS/OUTPUTS (CONTINUED)	
Optical Digital Audio Out	1
HDMI/HDCP Input	3 (V1.3 with Deep Color)
RGB In (D-Sub 15pin) - PC	1
PC Audio Input	1
RS-232c In (Control/Service)	1

CABINET/ACCESSORIES	
Cabinet Color	Glass/Black/Silver
Swivel Stand (degrees)	20° / 20°
VESA® Compliant (WxH)	TBD
Remote Control Type	Unified

POWER	
Voltage, Hz	100V ~ 240V, 50/60 Hz
On Mode (Average)	250W
Stand-by Mode	<1W
ENERGY STAR 3.0 Compliant	•

DIMENSIONS & WEIGHT	
TV without stand (WxHxD)	39.7" x 24.8" x 1.2"
TV with stand (WxHxD)	39.7" x 27.3" x 11.3"
Shipping Dimensions (WxHxD)	42.7" x 30.3" x 9.0"
TV without stand weight	52.9 lbs
TV with stand weight	62.8 lbs
Shipping weight	78.3 lbs

WARRANTY/UPC	
Limited Warranty	1 Year Parts & Labor
UPC	TBD



Design, features and specifications subject to change without notice. Non-metric weights and measurements are approximate. © 2009 LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. All other trademarks are the property of their respective owners. 07/21/09

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