

47LG90

LED 1080P 120Hz HDTV 47" Class (46.9" diagonal)

- Full HD 1080p Resolution
- 1,000,000:1 Dynamic Contrast Ratio
- TruMotion 120Hz
- 3x HDMI™ V.1.3 with Deep Color
- Intelligent Sensor
- 24p Real Cinema
- AV Mode (Cinema, Sports, Game)
- Clear Voice
- LG SimpLink™ Connectivity
- Invisible Speakers
- USB 2.0 (JPEG, MP3)
- ISFccc



LED BACKLIGHTING SYSTEM

Using LEDs for backlighting pushes picture quality to our best levels ever. Experience deep blacks through a 1,000,000:1 dynamic contrast ratio. LED backlighting also results in more natural color representation and faster response time for smoother, more natural picture motion.

FULL HD 1080P RESOLUTION

Displays HDTV programs in full 1920 x 1080p resolution for a more detailed picture.

TRUMOTION 120HZ

Advance 120Hz panel provides clearer, smoother images, even during fast action scenes creating a more stable structure for a crisper picture.

INTELLIGENT SENSOR

Automatic image quality optimization of brightness and color.

24P REAL CINEMA

Hi-def movies run at 24 frames per second, the speed that they were originally filmed in, making your home-cinema experience one step closer to a "Real Cinema" experience.



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TECHNICAL SPECIFICATIONS

LCD PANEL

Native Display Resolution	1920 x 1080p
Brightness (cd/m ²)	500
Dynamic Contrast Ratio	1,000,000:1
Viewing Angle	178° x 178°
Response Time (MPRT)	2.7ms
TruC (Wide Color Gamut)	•
TruMotion 120Hz	•
Life Span (Typical)	60,000 hours

BROADCASTING SYSTEM

Analog	•
ATSC/NTSC/Clear QAM	•

VIDEO

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

Enhanced Line Doubler	•
Enhanced Noise Reduction (Video Noise Filter)	• (3D & MPEG)
Color Temperature Control	4 Modes
Black Stretcher (Black Level Enhancer)	•
24p Cinema (Film Mode)	5:5/3:2
Picture Reset	•
AV Mode (Picture & Sound)	3 Modes
Picture Selection Mode	8 Modes
ISFccc	•
Intelligent Sensor Mode	•
DTV Signal Strength Indicator	•

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Outout Power (Watts - THD 10%)	10W + 10W
Speaker System Details	2 Way 4 System (Invisible Speaker)
Dolby® Digital Decoder	•
Surround System Type	SRS TruSurround XT™
Bass/Treble/Balance Controls	•
Auto Volume Leveler	•
Sound Mode	4 Modes
Mute	•

SPECIAL FEATURES

Intelligent Sensor	•
1080P Source Input	
- HDMI	60p/30p/24p
- Component	60p/30p/24p
- RGB	60p
A/V Input Navigation	•
Auto Navigation	•
Input Labeling	•
Quick View (Previous Channel)	•
TruMotion 120Hz Demo On/Off	•
Picture Still / Freeze	•
Clear Voice (On/Off)	•
Quick Setup Guide	•
Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
LG SimpLink™ (HDMI CEC)	•
Trilingual Menus	English/French/Spanish
EZ Menus (High Performance Interface)	•
Channel Add/Delete	•
Favorite Channel	•
Auto Clock	•
Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off (When no video is present)	•

SIDE AUDIO/VIDEO INPUTS/OUTPUTS

L/R Audio/Composite Video In	1
HDMI/HDCP In	1
USB 2.0 (Music and Photos only)	1 (JPEG/MP3)

REAR AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1
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REAR AUDIO/VIDEO INPUTS/OUTPUTS (CONTINUED)

L/R Audio/Component Video In	1
L/R Audio Out	1
S-Video In	1
HD Component Video In (Y,Pb,Pr) + L/R Audio	2
Digital Audio Out	2 (1 Coaxial/1 Optical)
HDMI/HDCP Input	3 (V.1.3 with Deep Color)
RGB In (D-Sub 15pin) - PC	1
PC Audio Input	1
RS-232c In (Control/Service)	1
Remote Control In (IR)	1

CABINET/ACCESSORIES

Cabinet Style	Table Top
Cabinet Color	Glossy Piano-black
Remote Control Type	Universal
Stand Swivel (degrees)	20° / 20°
VESA® Compatible (W x H)	200mm x 200mm

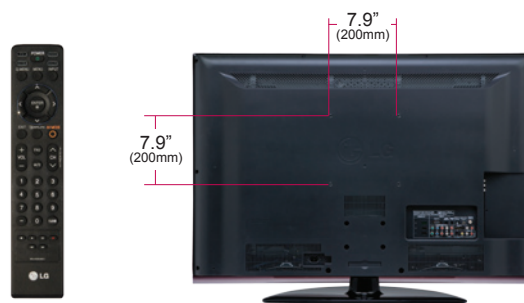
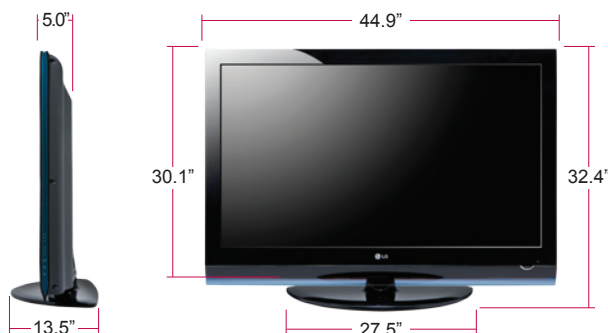
POWER

Consumption (Typical)	n/a
Stand-by Consumption	> 1 W

SPECIFICATIONS

Dimensions w/out stand (W x H x D)	44.9" x 30.1" x 5.0"
Weight w/out stand	56.9 lbs
Dimensions w/stand (W x H x D)	44.9" x 32.4" x 13.5"
Weight w/stand	67.2 lbs
Dimensions w/packaging (W x H x D)	49.8" x 34.9" x 18.1"
Weight in package	79.4 lbs
UPC	n/a
Limited Warranty	1 Year Parts/Labor

DIMENSIONS/REMOTE/INPUTS/OUTPUTS



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