



LCD TV

47LH55

47" Full HD 1080p 240Hz LCD TV
(47.0" diagonal)



TruMotion 240Hz provides clearer, fast-action scenes.
Full HD 1080p resolution and a unique panel design
set the LH55 series apart.

TV

- TruMotion 240Hz
- Intelligent Sensor Mode
- Full HD 1080p HD Resolution
- 80,000:1 Dynamic Contrast Ratio
- 2.4ms Response Time (GTG)
- 500 cd/m² 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)
- 60,000 Hour Panel Life (typical)
- 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)
- 1 Composite Input (rear)
- 1 Digital Audio Out (Optical) (rear)
- USB 2.0 (JPEG, MP3) (side)
- PC Connectivity (D-sub 15pin)
- RF Antenna Input



TruMotion
240Hz

FULL HD
1080P

In Plane
Switching

XD
ENGINE

24
REAL
CINEMA

isf
ccc

SIMPLINK

SRS
TruSurround XT
DIGITAL

Smart Volume
Controller

DOLBY
DIGITAL

Smart
Energy
Saving

ENERGY STAR

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

USB
2.0

20°
Swivel Stand

LGusa.com

47LH55

47" Full HD 1080p 240Hz LCD TV
(47.0" diagonal)

**LCD SPECIFICATION**

Screen Size (Class)	47" Class (47.0" diagonal)
Native Display Resolution	1920 x 1080p
Brightness (cd/m ²)	500
Dynamic Contrast Ratio	80,000:1
Viewing Angle	178° / 178°
Color Reproduction	10Bit
Response Time	2.4ms
TruMotion 240Hz	•
True Viewing Angle	•
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 Noise Reduction (Video Noise Filter)	• (3D & MPEG)
Color Temperature Control	3 Modes
24p Real Cinema	• (5:5)
3:2 Pulldown	•
Picture Reset	•
AV Mode II (Picture & Sound)	3 Modes
Picture Mode	8 Modes
ISFccc Ready	•
Intelligent Sensor Mode	•
xvYCC	•
DTV Signal Strength Indicator	•

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	10W + 10W
Invisible Speaker System Details	2 Way 4 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

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/Korean
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

L/R Audio/Composite Video In	1
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SIDE AUDIO/VIDEO INPUTS/OUTPUTS (CONTINUED)

HDMI/HDCP Input	1 (V.1.3 with Deep Color)
USB 2.0 (JPEG/MP3)	1

REAR AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1
L/R Audio/Composite Video In	1
HD Component Video In (Y,Pb,Pr) + L/R Audio	2
Digital Audio Out (Optical)	1
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

CABINET/ACCESSORIES

Cabinet Color	Glossy Black
Swivel Stand (degrees)	20° / 20°
VESA® Compliant (WxH)	400mm x 400mm
Remote Control Type	Unified

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
On Mode (Average)	TBD
Stand-by Mode	>1W

ENERGY STAR 3.0 Compliant •

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	46.2" x 28.5" x 4.0"
TV with stand (WxHxD)	46.2" x 31.1" x 13.3"
Shipping Dimensions (WxHxD)	58.5" x 8.6" x 33.9"
TV without stand weight	45.9 lbs
TV with stand weight	51.6 lbs
Shipping weight	TBD

WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor
UPC	719192174849

Design, features and specifications subject to change without notice.

Non-metric weights and measurements are approximate.

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05/26/09