



LCD TV

## 55LH85

55" Class Full HD 1080p Wireless 120Hz LCD TV  
(54.6" diagonal)



An uncompressed wireless system and Full HD 1080p transmission from a separate media box eliminates messy wires and cables and allows for the freedom to place the HDTV anywhere in the room.



### TV

- Uncompressed Wireless 1080p Transmission with included Media Box
- TruMotion 120Hz
- Intelligent Sensor Mode
- Full HD 1080p HD Resolution
- 80,000:1 Dynamic Contrast Ratio
- 2.7ms 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 (media box)
- SIMPLINK™ Connectivity
- 2 HD Component Video Inputs (media box)
- 2 Composite Input (media box)
- 1 Digital Audio Out (Optical) (media box)
- USB 2.0 (JPEG, MP3) (media box)
- PC Connectivity (D-sub 15pin)
- RF Antenna Input



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### LCD SPECIFICATION

Screen Size (Class)	55" Class (54.6" diagonal)
Native Display Resolution	1920 x 1080p
Brightness (cd/m <sup>2</sup> )	500
Dynamic Contrast Ratio	80,000:1
Viewing Angle	178° / 178°
Response Time	2.7ms
TruMotion 120Hz	
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

### WIRELESS FEATURES

N/W Solution	SIBEAM
Video Resolution	1080p/60f
Bandwidth	1.76GHz
DRM/Content Protection	DTCP - WiHD
Distance	LOS 10m/NLOS 5m
Network	WiHD (60GHz)
Media Box	

### 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	

### CONVENIENCE FEATURES (CONTINUED)

Favorite Channel Programming	
Auto/Manual Clock	
On/Off Timer	
Sleep Timer	
Auto Off/Auto Sleep (When no video is present)	

### MEDIA BOX AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1
L/R Audio/Composite Video In	2
HD Component Video In (Y,Pb,Pr) + L/R Audio	2
Digital Audio Out (Optical)	1
HDMI/HDCP Input	4 (V1.3 with Deep Color)
HDMI/HDCP Output	1
RGB In (D-Sub 15pin) - PC	1
PC Audio Input	1
RS-232c In (Control/Service)	1
USB 2.0 (JPEG/MP3)	1

### REAR AUDIO/VIDEO INPUTS/OUTPUTS

HDMI/HDCP Input	1
RS-232c In (Control/Service)	1
USB (Service Only)	1

### CABINET/ACCESSORIES

Cabinet Color	Glossy Black/Espresso Brown
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)	54.1" x 35.1" x 4.2"
TV with stand (WxHxD)	54.1" x 38.0" x 17.9"
Shipping Dimensions (WxHxD)	58.5" x 42.7" x 22.4"
TV without stand weight	74.5 lbs
TV with stand weight	86.4 lbs
Shipping weight	TBD

### WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor
UPC	719192174702

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