

# LED LCD Cinema 3D TV & Sound Bar

## 55LM4700



### TV FEATURES

- LG Cinema 3D
- Edge LED
- Full HD 1080p Resolution
- Triple XD Engine
- TruMotion 120Hz
- Smart Energy Saving
- Intelligent Sensor
- Clear Voice II
- Picture Wizard II
- Slim & Narrow Design

### SOUNDBAR FEATURES

- 2 Channel
- 40W Total Power
- LG Sound Gallery
- Wall Bracket Included



When you have 3D at home with the LM4700 Series, entertainment takes on a whole new dimension. Get all the depth and excitement of the 3D you experience in the theater with LG Cinema 3D and with the included LG Sound Bar System, you'll take your movies, music, and entertainment to a whole new level. Hear a wide spacious sound from just one slim speaker system.



Want to experience the immersive 3D experience of the movie theater at home? With LG Cinema 3D technology you can. Enjoy amazing 3D effects, comfortable, lightweight glasses, 2D to 3D content conversion, 3D depth control and a clear picture from virtually any angle.<sup>1</sup>

You won't believe your eyes. Tired of dark scenes or dull colors? LG's LED technology provides a slim profile and delivers amazing brightness, clarity and color detail, as well as greater energy efficiency compared to conventional LCD TVs.

Less blur. More action. TruMotion 120Hz technology lets you see sports, video games and high-speed action with virtually no motion blur. Now your TV can keep up with your fast-moving entertainment.

# LED LCD Cinema 3D TV & Sound Bar

## 55LM4700



### TV SPECIFICATIONS

#### PANEL SPECIFICATIONS

Screen Size Class (diagonal)	55" Class (54.6" diagonal)
Resolution	1920 x 1080p
BLU Type	Edge LED
Response Time	TruMotion 120Hz
Dynamic Contrast Ratio	4,000,000:1

#### VIDEO

Triple XD Engine	•
Intelligent Sensor Mode	•
Picture Wizard II	•
Smart Energy Saving	•
Picture Mode	8 Modes (Intelligent Sensor/Vivid/Standard/Cinema/Game/Sports/ISF Expert 1/ISF Expert 2)
AV Mode (Picture & Sound)	4 Modes (Cinema/Game/Sport/Off)
Aspect Ratio	6 Modes (16:9/Just Scan/Set by Program/4:3/Cinema Zoom/Zoom)
Just Scan (1:1 Pixel Matching)	HDMI 1080p/1080i/720p
0% OverScan	Component 1080p/1080i/720p
	RF 1080p/1080i/720p

#### AUDIO

Speaker System	1 Way 2 Speakers
Audio Output (Watts - THD 10%)	10W + 10W
Mono/Stereo/Dual (MTS/SAP)	•
Dolby Digital Decoder	•
Virtual Surround	•
Clear Voice II	•
Sound Mode	5 Modes (Standard/Music/Cinema/Sport/Game)
Mute	•

#### CONNECTIVITY

DLNA (Movie/Photo/Music)	•
SIMPLINK (HDMI CEC)	•

#### LG CINEMA 3D

3D Type	FPR (Passive)
3D to 2D/2D to 3D	•
3D Viewpoint Control (3D & 2D to 3D)	20 Levels

#### AV INPUTS/OUTPUTS

RF In (Antenna/Cable)	1 (Rear)
AV In	1 (Rear)
Component Video In (Y, Pb, Pr + Audio)	2 (Rear)
HDMI™/HDCP Input	3 (2 Rear/1 Side)
USB 2.0	1 (Side)
Digital Audio Out (Optical)	1 (Rear)
LAN	1 (Rear)
RGB In (D-Sub 15 Pin) - PC	1 (Rear)
PC Audio Input	1 (Rear)

#### POWER

ENERGY STAR® Qualified	•
Power Supply (Voltage, Hz)	100V ~ 240V, 50/60Hz
Power Consumption	On Mode TBD
	Standby Mode 0.3W

#### CABINET / ACCESSORIES

Swivel (Right/Left)	20°/20°
VESA Compatible	• 400mm x 400mm
Remote Control	Standard
3D Glasses	4 Pairs Included

#### DIMENSIONS / WEIGHT

TV without Stand (WxHxD)	49.7" x 29.7" x 1.4"
TV with Stand (WxHxD)	49.7" x 32.8" x 13.0"
TV without Stand Weight	48.28 lbs
TV with Stand Weight	55.56 lbs

### SOUND BAR SPECIFICATIONS

#### AMPLIFIER

Channel	2 Channel
Power Output (THD 10%)	40W (20W x 2)

#### INPUTS

Audio Input	1 (Optical)
-------------	-------------

#### CONVENIENCE

Automatic Power On/Off (TV Linked)	•
Mute	•
AV Sync Delay (Audio Delay)	•
Optical	•
Dynamic Range Control (On/Off)	•

#### AUDIO SOUND MODE

DSP (LG Sound Gallery)	Clear Voice (CLRVOICE)
------------------------	------------------------

#### AUDIO FORMAT

LPCM	•
Dolby® Digital	•

#### POWER

SMPS	TBD
Power Off Consumption	Less than 0.5W
Power Off Consumption	TBD

#### SPEAKER

System	Bass Reflex
Tweeter Unit	20 mm (2ea)
Woofer Unit	40x100 Track (2ea)
Impedance	TBD

#### DIMENSIONS/WEIGHTS

Size (W x H x D)	35.4" x 2.3" x 3.4"
Net Weight	TBD

#### INCLUDED ACCESSORIES

Remote	•
Batteries	AAA x 2
Warranty Card	FM 75Ω ANT
Optical Card	•
Wall Mount Bracket	•

### PACKAGING

#### SHIPPING DIMENSIONS/WEIGHTS

Packaging (W x H x D)	61.8" x 43.4" x 7.5"
Package Weight	66.58 lbs

#### WARRANTY / UPC

Limited Warranty	1 Year Parts/90 Days Labor
UPC	719192587335

\*For a small percentage of the population, the viewing of stereoscopic 3D video technology may cause discomfort such as headaches, dizziness or nausea. If you experience any symptoms, discontinue using the 3D functionality and contact your health care provider. 4 pairs of 3D glasses included. Additional 3D glasses sold separately.

## LG Electronics U.S.A., Inc.

1000 Sylvan Avenue Englewood Cliffs, NJ 07632  
Customer Service and Technical Support: (800) 243-0000

**LG.com**

Design, features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

© 2012 LG Electronics USA, Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. All other product and brand names are trademarks or registered trademarks of their respective companies. 09/05/12