

# 55LW9800

55" Class 1080p LED LCD TV  
(54.6" measured diagonally)



## FEATURES

- LG Smart TV<sup>1</sup>
- LG Cinema 3D<sup>2</sup>
- 2D to 3D Conversion
- THX<sup>®</sup> 2D & 3D Certified Display
- NANO Full LED
- TruMotion 480Hz
- Wi-Fi<sup>®</sup> Built-in
- Magic Motion Remote (Included)
- Full HD 1080p Resolution
- DLNA Certified<sup>®</sup>
- ENERGY STAR<sup>®</sup> Qualified
- Picture Wizard II
- Intelligent Sensor
- Smart Energy Saving
- ISFccc<sup>®</sup> Ready



## IS IT A TV? OR SOMETHING BETTER?

Why head out to the movies when you can get the same experience and more, right in your living room? With the LW9800 LED TV from LG, you get a THX Certified, 1080p Cinema 3D experience at home. And, with the superior picture quality of LG's NANO Full LED display technology, staying in has never looked better.

### LG Smart TV

Easy access to thousands of movies, customizable apps, videos and browse the web right at the click of your remote.

### LG CINEMA 3D

Want 3D like you get it in the movie theater? Incredible picture quality, easy to use & share glasses, and endless 3D content with 2D to 3D conversion. In fact, in 3D TV tests 4 out of 5 people choose LG Cinema 3D as the best 3D experience over other brands\*\*.

### NANO FULL LED

Don't settle for anything but the best. Nano Full LED brings you a brighter, smoother, cleaner picture than ever before. Using advanced LED technology, it delivers amazingly refined 2D and 3D, along with an impossibly thin, stylish design.



LED LCD TV

# 55LW9800

55" Class 1080p LED LCD TV



## PANEL SPECIFICATIONS

Screen Size	55" Class (54.6" measured diagonally)
Resolution	1920 x 1080 (Full HD)
TruMotion (Frame Rate)	480Hz
Dynamic Contrast Ratio	10,000,000:1
Local Dimming	•

## BROADCASTING SYSTEM

Analog	NTSC
Digital	ATSC/NTSC/Clear QAM (1 Tuner)

## VIDEO

XD Engine	•
Aspect Ratio Correction	5 Modes (16:9/Just Scan/Original/4:3/Cinema Zoom)
Color Temperature Control	3 Modes (Warm/Medium/Cool)
Picture Mode	7 Modes (Intelligent Sensor/Vivid/Standard/Cinema/Game/isf Expert 1/isf Expert 2)
Just Scan 0% OverScan	(HDMI/Component/RF) 1080i/1080p/720p
24p Real Cinema (24p 5:5/2:2 Pull Down)	•
Expert Mode/ISFccc Ready	•
xvYCC	•
AV Mode (Picture & Sound)	Cinema/Game
Picture Wizard II (Customized Easy Self Calibration)	•
Enhanced Noise Reduction	3D & MPEG

## AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output (Watts - THD 10%)	10W + 10W (+ Sub Woofer 20W)
Speaker System	2 Way 4 Speakers
Dolby Digital Decoder	•
Surround System	Infinite 3D Surround
Bass/Treble/Balance	•
Auto Volume Leveler	•
Sound Mode	5 Modes (Standard/Music/Cinema/Game/Sports)
Clear Voice II	•

## 3D SPECIFICATIONS

3D	Cinema 3D
3D to 2D	•
2D to 3D Converting	•
2D to 3D Converting Depth Control Level	3D Effect, 20 Levels
3D Depth Control	•
3D Local Dimming	•

## CONNECTIVITY

LG Smart TV	•
LG App Store	•
Web Browser	•
Wi-Fi® Ready	• (Adapter Included)
DLNA Certified®	• (Movie/Photo/Music)
Windows 7 Certified	•
SIMPLINK (HDMI CEC)	•
Wireless HD Ready (2D Only)	•

## SPECIAL FEATURES

THX® Certified	• 2D & 3D
Magic Motion Remote Control	• (Included)
Smart Energy Saving	• (Backlight Control + Intelligent Sensor)
Intelligent Sensor	•
1080p Source Input	HDMI 60p/30p/24p Component 60p

## SPECIAL FEATURES (Continued)

AV Input Navigation/ EZ Input Searching	•
Input Labeling	•
Key Lock/Child Lock	•
Demo Mode (Auto Demo)	•
Moving LED II (Breathing LED)	•
Closed Caption	•

## CONVENIENCE FEATURES

Language	English/Spanish/French/Korean
Auto Tuning/Programming	•
Channel Add/Delete	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off/Auto Sleep	•

## AV INPUTS/OUTPUTS

RF In (Antenna/Cable)	1 (Rear)
AV In	2 (Rear)
Component In (Y, Pb, Pr) + Audio	2 (Rear)
HDMI In	4 (Side)
USB 2.0	2 (Side)
Digital Audio Out (Optical)	1 (Rear)
RGB In (D-Sub 15 Pin) - PC	1 (Rear)
PC Audio Input	1 (Rear)
LAN (Wired)	1 (Rear)
RS-232C (Control/Service)	1 (Rear)
Headphone Out	1 (Rear)
Wireless Control	1 (Rear)

## CABINET/ACCESSORIES

Swivel	20°/20°
VESA Compliant	• (400mm x 400mm)
LG Cinema 3D Glasses	4 Pair
Remote Control	Standard & Magic Motion Remote

## POWER

ENERGY STAR® Qualified	•
Voltage, Hz	220V, 60Hz
On-Power (EPA Standard)	98.4
Standby Mode	<0.1W

## DIMENSIONS/WEIGHT

TV without Stand (WxHxD)	49.8" x 29.9" x 1.1"
TV with Stand (WxHxD)	49.8" x 32.7" x 11.2"
Shipping Dimensions (WxHxD)	58.8" x 34.8" x 7.4"
TV without Stand Weight	52.5 lbs
TV with Stand Weight	63.9 lbs
Shipping Weight	76.5 lbs

## WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor
UPC	719192582958

<sup>1</sup> Wireless Internet connection & certain subscriptions required and sold separately. The Magic Motion Remote does not come equipped with all LG Smart TV enabled TVs and a separate purchase may be required. The LG web browser does not support Flash 10 or HTML 5, therefore, access to certain web content may be limited or unavailable. Content and services vary by product and are subject to change without notice.

<sup>2</sup> 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 are included. Additional glasses sold separately.

<sup>\*\*</sup> Based on LG consumer perception study comparing overall 3D experience LG Cinema 3D TV vs. Samsung and Sony active 3D TVs in factory default settings, May 2011. LG TV model 47LW5600 with model AG-F200 glasses; Samsung TV model UN46D6420 with model SSG-3100GB glasses; Sony TV model KDL-46EX723 with model TDGBR100/B glasses.

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