

With the LM6400 Series, entertainment takes on a whole new dimension and look. Get all the depth and excitement of 3D you experience in the theater with LG Cinema 3D and see it in stunning picture quality with LG's LED display technology. And, if you can't get enough entertainment, the virtually limitless entertainment capabilities of LG Smart TV has the right content for you.



CINEMA 3D

- Comfortable 3D Glasses (6 Pairs Included)
- 3D Depth Control
- 3D Sound Zooming
- 2D to 3D Conversion
- Dual Play Gaming
- 3D Zone

SMART TV

- Magic Remote
- Home Dashboard
- Smart Share
 - Intel® Wireless Display (WiDi)
 - Network File Browser
 - Wi-Fi Screen Share

PICTURE QUALITY

- LED Plus
- Full HD 1080p Resolution
- Triple XD Engine
- Local Dimming
- TruMotion 120Hz
- Resolution Upscaler

DESIGN

- Cinema Screen
- Ribbon Stand



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.¹

A revolutionary, easy way to access limitless content, thousands of movies, customizable apps, videos and browse the web all set up in a simple to use interface. That's what you get with an LG Smart TV experience, the next generation in entertainment organized within a simple to navigate platform.²

Works like magic. Selecting features on your TV is as easy as the wave of your hand or using the wheel option to scroll up and down through menu selections. TV remote clicking is soon to be a thing of the past.

PANEL SPECIFICATIONS

Screen Size Class (diagonal)	55LM6400	55" Class (54.6" diagonal)
	47LM6400	47" Class (46.9" diagonal)
Resolution	1920 x 1080p	
BLU Type	Edge LED Plus	
Response Time	TruMotion 120Hz	
Local Dimming	•	
Dynamic Contrast Ratio	7,000,000:1	

BROADCASTING SYSTEM

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

VIDEO

Triple XD Engine	•	
Resolution Upscaler (Plus/Basic)	• (Plus)	
Picture Mode	7 Modes (Intelligent Sensor/Vivid/Standard/Cinema/Game/ISF Expert 1/ISF Expert 2)	
Picture Wizard II	•	
Aspect Ratio	6 Modes (16:9/Just Scan/Set by Program/4:3/Cinema Zoom 1/Zoom)	
Just Scan (1:1 Pixel Matching)	HDMI	1080p/1080i/720p
0% OverScan	Component	1080p/1080i/720p
	RF	1080p/1080i/720p
AV Mode (Picture & Sound)	3 Modes (Cinema/Game/Off)	

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•	
Dolby Digital Decoder	•	
Speaker System	1 Way 2 Speakers	
Audio Output (Watts - THD 10%)	10W + 10W	
Virtual Surround	•	
Clear Voice II	•	
Sound Mode	7 Modes (Standard/Music/Cinema/Sport/Game/Vivid/User Setting)	
Sound Optimizer	3 Modes (Low/Medium/High)	
Mute (Normal/2 Level)	• (Normal)	

3D FEATURES

3D Type	FPR (Passive)
3D Format Auto Correction	•
3D to 2D	•
2D to 3D	•
3D Depth Control (3D & 2D to 3D)	20 Levels
3D Viewpoint Control (3D & 2D to 3D)	20 Levels
3D Image Correction	•
3D Sound Zooming	•
Dual Play Capable	• (AGF-310DP glasses required and sold separately)

SMART TV FEATURES

Home Dashboard 2.0	•
App Store	•
Premium Content Providers	•
Full Web Browser	•
Social Center	•
Search & Recommendation	•
3D World (3D Content Streaming)	•
3D Effect Game	•
Smart Phone Remote Support	•

CONNECTIVITY

Wi-Fi Ready / Built-in	• (Built-in)
WiFi Direct	•
Media Link	•
DLNA (Movie/Photo/Music)	•
Windows 7 Certified	•
Intel® Wireless Display (WiDi)	•
SIMPLINK (HDMI CEC)	•

SPECIAL FEATURES

Intelligent Sensor	•
Smart Energy Saving	• (Backlight Control + Intelligent Sensor)
Input Labeling	•

SPECIAL FEATURES (CONTINUED)

Quick View (Flashback)	•
Closed Caption	•

CONVENIENCE FEATURES

Languages	4 (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	1 (Rear)
Component Video In (Y, Pb, Pr) + Audio	1 (Rear)
Digital Audio Out (Optical)	1 (Rear)
HDMI™/HDCP Input	4 (Side)
RGB In (D-Sub 15 Pin) - PC	1 (Rear)
PC Audio Input	1 (Rear)
USB 2.0	3 (Side)
LAN	1 (Rear)

CABINET / ACCESSORIES

Swivel (Left/Right)	10°/10°
VESA Compatible	• (400mm x 400mm)
Magic Remote	• (3 mode)
3D Glasses	6 Pairs Included

POWER

ENERGY STAR® Qualified	55LM6400	•
	47LM6400	•
Power Supply (Voltage, Hz)	100V - 240V, 50/60Hz	
Power Consumption, On Mode	55LM6400	140W
	47LM6400	110W
Standby Mode	0.1W	

DIMENSIONS / WEIGHT

TV without Stand (WxHxD)	55LM6400	48.5" x 28.5" x 1.3"
	47LM6400	41.9" x 24.7" x 1.3"
TV with Stand (WxHxD)	55LM6400	48.5" x 31.3" x 13.0"
	47LM6400	41.9" x 27.6" x 10.4"
Shipping Dimensions (WxHxD)	55LM6400	61.4" x 34.6" x 7.9"
	47LM6400	52.0" x 31.9" x 5.3"
TV without Stand Weight	55LM6400	47.0 lbs
	47LM6400	33.7 lbs
TV with Stand Weight	55LM6400	55.1 lbs
	47LM6400	38.6 lbs
Shipping Weight	55LM6400	67.5 lbs
	47LM6400	47.4 lbs

WARRANTY / UPC

Limited Warranty	1 Year Parts & Labor	
UPC	55LM6400	719192586000
	47LM6400	719192586017

¹For 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. 6 pairs of 3D glasses included. Additional 3D glasses sold separately.

²Wireless Internet connection & certain subscriptions required and sold separately. Content and services vary by product and are subject to change without notice.

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