

PLASMA 3D SMART TV

PM4700 SERIES



Enjoy HD that gives unprecedented depth to entertainment, virtually unlimited entertainment possibilities with LG Smart TV and special effects of 3D with PM4700. And 600Hz Max Sub Field Driving helps take the blur out of sports and leaves all the action.



PICTURE QUALITY

- Triple XD Engine
- Resolution Upscaler
- HD 720p Resolution
- 600Hz Max Sub Field Driving
- Super Black Level

SMART TV

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

3D FEATURES

- 3D Wide Viewing Angle
- 3D Wizard
- 3D Zone

DESIGN

- TruSlim Frame



Easy access to thousands of movies, customizable apps, videos and browse the web right from your living room.

Bring your content to life with 3D technology! The astonishing effects will immediately grab your attention and bring your entertainment experience to the next dimension.²

Enjoy seamless home entertainment with Wi-Fi Ready LG Smart TV. This LG Smart TV is Wi-Fi ready, requiring only the supplied dongle to be fully accessible wirelessly.

WANT A LG PLASMA 3D SMART TV WITH MORE? UPGRADE TO THE PM6700 SERIES FEATURING FULL HD 1080p RESOLUTION >>



PANEL SPECIFICATIONS

Screen Size Class (diagonal)	50PM4700	50" Class (49.9" diagonal)
	42PM4700	42" Class (41.6" diagonal)
Resolution	1024 x 768p	
Dynamic Contrast Ratio	3M:1	
Protective Skin Glass	•	
ISM (Image Sticking Minimization)	• [Orbiter/Color Wash]	
600Hz Max Sub Field Driving	•	

BROADCASTING SYSTEM

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

VIDEO

Triple XD Engine	•	
Aspect Ratio	16:9	
Aspect Ratio Correction	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	1080i/720p
Color Temperature Control	3 Modes (Warm/Medium/Cool)	
Real Cinema 24p (3:3 Pull Down)	• [HDMI 1080 24p]	
Cinema 3:2/2:2 Pull Down Mode	•	
Resolution Upscaler	•	
AV Mode (Picture & Sound)	3 Modes (Cinema/Game/Off)	
Picture Mode	8 Modes (Vivid/Standard/APS/Cinema/Game/Photo/ISF Expert 1/ISF Expert 2)	
Expert Mode (ISFccc Ready)	•	
Intelligent Sensor Mode	•	
xvYCC	•	
DTV Signal Strength (Digital)	•	

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•	
Dolby Digital Decoder	•	
Speaker System	1 Way 2 Speakers	
Audio Output (Watts - THD 10%)	10W + 10W	
3D Sound Zooming	•	
Virtual Surround	•	
On Screen Equalizer	• [Band EQ]	
Auto Volume Leveler II	•	
Clear Voice II	•	
Sound Mode	7 Modes (Standard/Music/Cinema/Sport/Game/Vivid/User Setting)	
Mute	•	

3D FEATURES

3D Type (SG/FPR)	SG	
2D to 3D Mode	•	
3D to 2D Mode	•	
2D to 3D Depth Control	• [20 Steps]	
2D to 3D Viewpoint Control	• [20 Steps]	
3D Depth Control	• [20 Steps]	
3D Viewpoint Control	• [20 Steps]	
Format	Frame Sequential/Side by Side/Top & Bottom/Checker Board/Frame Packing	
Viewing Angle	178°/178°	
3D Emitter Type	RF (Bluetooth)	
3D Emitter Range	10m	

SMART TV FEATURES

Home Dashboard 2.0	•	
Full Web Browser	•	
App Store	•	
Premium Content Providers	•	
3D Content Streaming	•	
UltraViolet	•	

CONNECTIVITY

Wi-Fi	• (Adapter Included)	
WiFi Direct	•	
Intel® Wireless Display (WiDi)	•	
DLNA (Movie/Photo/Music)	• [Windows 7 Certified]	
Windows 7 Certified	•	
SIMPLINK (HDMI CEC)	•	

SPECIAL FEATURES

Intelligent Sensor	•	
Picture Wizard II (2D/3D)	•	
Smart Energy Saving	•	

SPECIAL FEATURES (CONTINUED)

1080p Source Input	HDMI	60p/30p/24p
	Component	60p/30p/24p
	RGB	60p (WXGA)
AV Input Navigation	•	
Input Labeling	•	
Screen Adjust	•	
Quick View (Flashback)	•	
Parental Control w/V-Chip	•	
Rating (DTV)	• [by EPG]	
Key Lock	•	
Closed Caption	•	
Photo Mode	6 Modes (Original/Mono/Vintage/Oil Painting/Vignetting/Sketching)	
Memo Caster	•	

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	2 (Rear)	
(Y, Pb, Pr) + Audio	•	
Digital Audio Out (Optical)	1 (Rear)	
HDMI™/HDCP Input	3 [2 Side/1 Rear]	
RGB In (D-Sub 15 Pin) - PC	1 (Rear)	
PC Audio Input	1 (Rear)	
USB 2.0	2 (Side)	
LAN	1 (Rear)	
RS-232C (Control/Service)	1 (Rear)	
Remote Control In	1 (Rear)	

CABINET / ACCESSORIES

Swivel (Right/Left)	20°/20°	
VESA Compatible	• [400mm x 400mm]	
Remote Control	Standard	
Magic Remote Compatible	• [Sold Separately]	
3D Glasses	AG-S350 [Sold Separately]	

POWER

ENERGY STAR® Qualified	•	
Power Supply (Voltage, Hz)	100V ~ 240V, 50/60Hz	
Power Consumption	50PM4700	300W
	42PM4700	230W
Standby Mode	0.12W	

DIMENSIONS / WEIGHT

TV without Stand (WxHxD)	50PM4700	46.0" x 27.7" x 2.1"
	42PM4700	38.2" x 23.7" x 2.3"
TV with Stand (WxHxD)	50PM4700	46.0" x 29.8" x 11.7"
	42PM4700	38.2" x 25.8" x 9.7"
Shipping Dimensions (WxHxD)	50PM4700	52.4" x 32.2" x 9.0"
	42PM4700	42.7" x 30.3" x 9.0"
TV without Stand Weight	50PM4700	56.9 lbs
	42PM4700	41.9 lbs
TV with Stand Weight	50PM4700	62.2 lbs
	42PM4700	45.4 lbs
Shipping Weight	50PM4700	74.5 lbs
	42PM4700	53.1 lbs

WARRANTY / UPC

Limited Warranty	2 Year Panel/1 Year Parts & Labor	
UPC	50PM4700	719192584983
	42PM4700	719192585003

¹Wireless Internet connection & certain subscriptions required and sold separately. Content and services vary by product and are subject to change without notice.

²For 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. 3D glasses required and sold separately.