

PLASMA HDTV

PA4500 SERIES



View sports and fast action like you were actually there, in stunning detail! With HD picture quality and a 600Hz refresh rate.



KEY FEATURES

- Triple XD Engine
- Resolution Upscaler
- HD 720p Resolution
- 600Hz Sub Field Driving
- Super Black Panel
- Smart Energy Saving
- Intelligent Sensor
- Clear Voice II
- Picture Wizard II

DESIGN

- TruSlim Frame



See and experience more. Pictures are sharper. Colors are more vibrant. Entertainment is more real. Everything looks better on an HDTV.

Tired of streaky action or unclear plays during the game? See sports, fast action and video games like never before. The 600Hz refresh rate virtually eliminates motion blur.

With Resolution Upscaler standard definition content like old movies or internet videos can be enhanced to near HD resolution picture quality.

WANT AN LG PLASMA TV WITH MORE? UPGRADE TO THE PM4700 SERIES FEATURING FULL HD 1080P 3D SMART TV TECHNOLOGY >>



PANEL SPECIFICATIONS

Screen Size Class (diagonal)	50PA4500 42PA4500	50" Class (49.9" diagonal) 42" Class (41.6" diagonal)
Resolution	1024 x 768	
Dynamic Contrast Ratio	3M:1	
Protective Skin Glass	•	
ISM (Image Sticking Minimization)	• (Orbiter/Color Wash)	
600Hz Sub Field Driving	• (600Hz 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	5 Modes (16:9/Just Scan/Set by Program/4:3/Cinema Zoom)	
Just Scan (1:1 Pixel Matching)	HDMI	1080p/1080i/720p
0% OverScan	Component RF	1080p/1080i/720p 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	7 Modes (Vivid/Standard/APS/Cinema/Game/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	
Virtual Surround	•	
On Screen Equalizer	•	
Auto Volume Leveler II	•	
Clear Voice II	•	
Sound Mode	5 Modes (Standard/Music/Cinema/Sport/Game)	
Mute	•	

SPECIAL FEATURES

Intelligent Sensor	•	
Picture Wizard II	•	
Smart Energy Saving	•	
1080p Source Input	HDMI Component RGB	60p/30p/24p 60p/30p/24p 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	•	
SIMPLINK (HDMI CEC)	•	

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	2 (Rear)	
Digital Audio Out (Optical)	1 (Rear)	
HDMI™/HDCP Input	2 (1 Side/1 Rear)	
RGB In (D-Sub 15 Pin) - PC	1 (Rear)	
PC Audio Input	1 (Rear)	
USB 2.0	1 (Side)	
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	Universal	

POWER

ENERGY STAR® Qualified	•	
Power Supply (Voltage, Hz)	100V - 240V, 50/60Hz	
Power Consumption	50PA4500 42PA4500	XXXW XXXW
On Mode	TBD	
Standby Mode	0.2W	

DIMENSIONS / WEIGHT

TV without Stand (WxHxD)	50PA4500 42PA4500	46.0" x 27.7" x 2.1" 38.2" x 23.7" x 2.3"
TV with Stand (WxHxD)	50PA4500 42PA4500	46.0" x 29.8" x 11.7" 38.2" x 25.8" x 9.7"
Shipping Dimensions (WxHxD)	50PA4500 42PA4500	52.4" x 32.2" x 9.0" 42.7" x 30.3" x 9.0"
TV without Stand Weight	50PA4500 42PA4500	56.9 lbs 41.9 lbs
TV with Stand Weight	50PA4500 42PA4500	62.2 lbs 45.4 lbs
Shipping Weight	50PA4500 42PA4500	74.5 lbs 53.1 lbs

WARRANTY / UPC

Limited Warranty	2 Year Panel/1 Year Parts & Labor	
UPC	50PA4500 42PA4500	719192585027 719192585041

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

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