# PA4500 SERIES



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





• TruSlim Frame

### **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















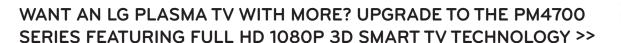




Tired of streaky action or unclear plays during the game? See sports, fast action and video games like never before. The 600Hz refresh rate virtually eliminates motion blur.



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





# PLASMA HDTV

# 500 SERIES



#### 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) 0% OverScan	HDMI Component RF	1080p/1080i/720p 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

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

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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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