

50PZ550

50" Class 3D 1080p Plasma TV
(49.9" diagonal)



FEATURES

- 3D Capable TV¹
- 2D to 3D Conversion
- NetCast™ Entertainment Access²
- TruSlim Frame
- 600Hz Max Sub Field Driving
- Wi-Fi® Ready
(Adapter Required, Sold Separately)
- Full HD 1080p Resolution
- DLNA Certified®
- ENERGY STAR® Qualified
- Picture Wizard II
- Intelligent Sensor
- Smart Energy Saving
- ISFccc® Ready



IS IT A TV? OR SOMETHING BETTER?

If you want entertainment so lifelike you'll feel like you can reach out and touch it, or a picture so vibrant and clear that you'll forget you're watching TV, then you want the PZ550 3D 1080p Plasma TV from LG. 3D in 1080p Full HD that gives amazing depth to entertainment. A 600Hz refresh rate that helps take the blur out of sports and leaves the action. And a TruSlim Frame that makes it a stylish addition to any room.



Bring your content to life with full 1080p HD 3D technology! The astonishing effects will immediately grab your attention and bring your entertainment experience to the next dimension.



NetCast™ brings the a multitude of Internet services direct to your TV—no computer required. Instantly access movies, TV shows, news, weather and the world's largest library of HD movies in 1080p.



Peel away the old standard for ultra slim framing. At less than 1" wide the new TruSlim Frame trims away distraction of wide frame.



*THIS 3D TV IS COMPATIBLE WITH AG-S250 3D GLASSES ONLY (SOLD SEPARATELY)

PLASMA TV

50PZ550

50" Class 3D 1080p Plasma TV



PANEL SPECIFICATIONS

Screen Size	50" Class (49.9" Diagonal)
Native Resolution	1920 x 1080p
Brightness	1,500 cd/m ²
Contrast Ratio (DCR)	3,000,000:1
Protective Skin Glass	•
ISM (Image Sticking Minimization)	• (White Wash/Orbiter/Color Wash)
600Hz Max Sub Field Driving	•

3D SPECIFICATIONS

3D	SG Type
Compatible 3D Glasses	AG-S250 ONLY
2D to 3D	• (20 Step Adjustable)
3D to 2D	•

BROADCASTING SYSTEM

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

VIDEO

Dual 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 1080p/1080i/720p
	RF 1080i/720p
Color Temperature	3 Modes (Warm/Medium/Cool)
24p Real Cinema (3:3 Pull Down)	•(HDMI 1080 24p)
Cinema 3:2/2:2 Pull Down Mode	•
HD Up-converting	•
AV Mode	• (Cinema/Game/Sport)
Picture Mode	10 Modes
XD Color (Active Color Management)	•
ISFccc Ready	•
Intelligent Sensor Mode	•
xvYCC	•
DTV Signal Strength	•

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output (Watts - THD 10%)	10W + 10W
Speaker System	2 Speakers, 1 Way
Dolby Digital Decoder	•
Surround System	Infinite Surround
Bass/Treble/Balance	•
Clear Voice II	•
Auto Volume Leveler II	•
Sound Mode	5 Modes

CONNECTIVITY

NetCast™ Entertainment Access	•
DLNA Certified®	• (Movie/Photo/Music)

SPECIAL FEATURES

Wi-Fi® Ready	• (Adapter required, sold separately)
Picture Wizard II	•
Smart Energy Saving	•
1080p Source Input	HDMI 60p/30p/24p
	Component 60p/30p/24p
	RGB 60p (WXGA)
AV Input Navigation	•
Input Labeling	•
Screen Adjust	•
Quick View (Flashback)	•
Picture Freeze	•
Parental Control w/V-Chip	•

SPECIAL FEATURES (Continued)

Closed Caption	•
SIMPLINK™	• (All HDMI)

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 (1 Side/1 Rear)
Component Video In (Y, Pb, Pr) + Audio	2 (Rear)
Digital Audio Out (Optical)	1 (Rear)
HDMI™/HDCP Input	4 (1 Side/ 3 Rear)
RGB In (D-Sub 15 Pin) - PC	1 (Rear)
PC Audio Input	1 (Rear)
USB 2.0 (Music/Photo/Movie)	2 (Side)
LAN	1 (Rear)
RS-232C (Control/Service)	1 (Rear)
Remote Control In	1 (Rear)
Wired IR Jack	1 (Rear)

CABINET/ACCESSORIES

Swivel	20°/20°
UL Standard	•
VESA Compatible	• (400mm x 400mm)
Remote Control	Standard

POWER

ENERGY STAR® Qualified	•
Voltage, Hz	100V ~ 240V, 50/60Hz
Consumption	149W
On Mode	TBD
Standby Mode	0.2W

DIMENSIONS/WEIGHT

TV without Stand (WxHxD)	46.1" x 28.0" x 2.0"
TV with Stand (WxHxD)	46.1" x 30.2" x 11.4"
Shipping Dimensions (WxHxD)	52.4" x 33.2" x 10.0"
TV without Stand Weight	60.2 lbs
TV with Stand Weight	65.3 lbs
Shipping Weight	70.3 lbs

WARRANTY/UPC

Limited Warranty	2 Year Panel 1 Year Parts & Labor
UPC	719192579668

¹ 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. 3D glasses required and sold separately.

² Internet connection & 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 Hulu Plus service is projected to be available via a firmware update in June 2011. The LG web browser does not support Flash 10 or HTML 5, therefore, access to certain web content may be limited or unavailable.

LG Electronics U.S.A., Inc.

1000 Sylvan Avenue Englewood Cliffs, NJ 07632
Customer Service and Technical Support: (800) 243-0000

LG.com

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

© 2011 LG Electronics USA, Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. All other product and brand names are trademarks or registered trademarks of their respective companies. 3/10/11