



PLASMA TV

50PS60

50" Full HD 1080p Plasma TV
(50.0" diagonal)



Single layer design, 1080p resolution and THX Display certification makes this series the must have for plasma HDTV in 2009. Available in 50" and 60" screen size classes.

TV

- Full HD 1080p Resolution
- 600Hz Sub Field Driving Max
- 2,000,000:1 Dynamic Contrast Ratio
- THX® Certified Display
- Single Layer Design
- 1,500 cd/m² Brightness
- Image Sticking Minimization
- Dual XD® Engine
- ISFccc® Ready
- AV Mode II (Cinema, Sports, Game)
- Picture Wizard
- LG SimpLink™ Connectivity
- 100,000 Hour Panel Life (typ.)
- NTSC/ATSC Tuners with Clear QAM

AUDIO

- Output Power: 10W x 2
- Invisible Speaker System
- Clear Voice II
- SRS TruSurround XT™
- Auto Volume Leveler
- Dolby® Digital 5.1 Decoder

SMART ENERGY SAVINGS

- Intelligent Sensor Mode
- Video Mute
- ENERGY STAR® 3.0 Rated

CONNECTIVITY

- 4 HDMI™ V1.3 with Deep Color (2 rear/2 side)
- 2 HD Component Video Inputs (rear)
- 2 Composite Inputs (1 rear/1 side)
- 1 S-Video Input (rear)
- 1 Digital Audio Out (Optical) (rear)
- USB 2.0 (JPEG/MP3) (side)
- PC Connectivity (D-sub 15pin)
- RF Antenna input

CORE
TECHNOLOGIES

AV
MODE II

invisible
II. SPEAKER. II

CLEAR
VOICE II

Picture
Wizard

SINGLE LAYER

THX

FULL HD
1080P

600Hz MAX
Sub Field Driving

XD
DUAL XD ENGINE

isf
ccc

SIMPLINK

SRS
TruSurround XT
DIGITAL

Smart Volume
Controller

DOLBY
DIGITAL

Smart
Energy
Saving

ENERGY STAR

HDMI

USB
2.0

20°
Swivel Stand

LGusa.com

50PS60

50" Full HD 1080p Plasma TV
(50.0" diagonal)



LCD SPECIFICATION

Screen Size	50" Class (50.0" diagonal)
Native Display Resolution	1920 x 1080p
Brightness (cd/m ²)	1,500
Dynamic Contrast Ratio	2,000,000:1
Color Reproduction	10Bit
Image Sticking Minimization (ISM)	3 Modes
600Hz Sub Field Driving Max	•
Altitude	2,900m/9,514ft
Life Span (Typical)	100,000 hours

BROADCASTING SYSTEM

Analog	•
ATSC/NTSC/Clear QAM	•

VIDEO

Dual XD Engine®	•
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes
Just Scan (1:1 Pixel Matching)	•
- HDMI™	1080p/1080i/720p
- Component	1080p/1080i/720p
- RF	1080i/720p
Enhanced Noise Reduction (Video Noise Filter)	• (3D & MPEG)
Color Temperature Control	3 Modes
3:2 Pulldown	•
Picture Reset	•
AV Mode II (Picture & Sound)	3 Modes
Picture Mode	7 Modes
ISFccc Ready	•
Intelligent Sensor Mode	•
XD Color	•
THX Certified Display	•
DTV Signal Strength Indicator	•

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	10W + 10W
Invisible Speaker System Details	1 Way 2 Speaker
Dolby® Digital Decoder	•
Surround System Type	SRS TruSurround XT
Bass/Treble/Balance Controls	•
Clear Voice II	•
Auto Volume Leveler II	•
Sound Mode	5 Modes

SPECIAL FEATURES

Picture Wizard	•
Freeze Frame	•
Smart Energy Saving	•
Mechanical Power Off	•
1080p Source Input	•
- HDMI	60p/30p/24p
- Component	60p/30p/24p
- RGB	60p
A/V Input Navigation	•
Input Labeling	•
Quick View (Previous Channel)	•
Quick Setup Guide	•
e-Manual	•
Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
LG SimpLink (HDMI CEC)	•

CONVENIENCE FEATURES

Language	English/Spanish/French/Korean
Alvin UI	•
Auto Tuning/Programming	•
Channel Add/Delete	•
Channel Labeling	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off/Auto Sleep (When no video is present)	•

SIDE AUDIO/VIDEO INPUTS/OUTPUTS

L/R Audio/Component Video In	1
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SIDE AUDIO/VIDEO INPUTS/OUTPUTS (CONTINUED)

HDMI/HDCP Input	2 (V1.3 with Deep Color)
USB 2.0 (JPEG/MP3)	1

REAR AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1
L/R Audio/Component Video In	1
S-Video In	1
HD Component Video In (Y,Pb,Pr) + L/R Audio	2
Digital Audio Out	1 (digital)
HDMI/HDCP Input	2 (V1.3 with Deep Color)
RGB In (D-Sub 15pin) - PC	1
PC Audio Input	1
RS-232c In (Control/Service)	1
Remote Control In Port	1

CABINET/ACCESSORIES

Cabinet Color	Glass
Stand Swivel	20°/20°
VESA® Compliant (WxH)	400mm x 400mm
Remote Control Type	Unified

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
On Mode (Average)	295W
Stand-by Mode	0.13W
ENERGY STAR 3.0 Compliant	•

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	48.3" x 30.4" x 3.1"
TV with stand (WxHxD)	48.3" x 32.5" x 13.9"
Shipping Dimensions (WxHxD)	58.9" x 34.7" x 11.3"
TV without stand weight	74.5 lbs
TV with stand weight	80.0 lbs
Shipping weight	92.8 lbs

WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor/2 Year Panel
UPC	719192175259

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