

## 3D PLASMA TV

# INFINIA 50PX950

50" CLASS

50.0" diagonal

### HIGHLIGHTS

INFINIA™ Series  
3D Ready  
THX® Certified Display



### FEATURES

- INFINIA Series\*
- 3D Ready
- TruBlack Filter
- THX Certified Display
- 2D to 3D Conversion
- NetCast™ Entertainment Access\*
- Wi-Fi CERTIFIED™  
(Adapter Included)
- Wireless 1080p Ready\*
- 600Hz Max Sub Field Driving
- Full HD 1080p Resolution
- 5M:1 Dynamic Contrast Ratio
- Seamless Design
- Magic Motion Remote Control
- Picture Wizard II  
(Easy Picture Calibration)
- Smart Energy Saving
- Intelligent Sensor
- Dual XD™ Engine
- AV Mode II  
(Cinema, Sports, Game)
- Clear Voice II
- ISFccc® Ready
- 24P Real Cinema
- USB 2.0 (JPEG, MP3, DivX HD)
- DivX® HD
- 4 HDMI™ 1.4a Inputs
- DLNA Certified® (JPEG only)
- SIMPLINK™ Connectivity
- Dolby® Digital 5.1 Decoder
- Infinite Sound



## Is it a TV? Or something better?

Enjoy the ultimate in entertainment with LG's INFINIA™ PX950.

Experience 3D TV, colors and contrast like never before with the THX certified picture, unlock the unlimited possibilities of NetCast, enjoy the freedom of Wireless 1080p and marvel in plasma display design.

INFINIA™

New definition television. LG's INFINIA TVs are redefining home entertainment. Even beyond their jaw-dropping design, they offer access to virtually unlimited entertainment through broadband connectivity and freedom with wireless HD capability.



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

THX 3D  
DISPLAY

You don't have to take our word for it that this is an amazing TV. To earn THX certification, our TV's passed more than 30 rigorous tests, ensuring you're bringing an uncompromised HD experience home - as the director wanted it.



# 3D PLASMA TV

## INFINIA 50PX950



### PANEL SPECIFICATION

Screen Size	50" Class (50.0" diagonal)
Resolution	1920 x 1080p
Dynamic Contrast Ratio	5,000,000:1
TruBlack Filter	•
Protective Skin Glass	•
600Hz Max Sub Field Driving	•
ISM (Image Sticking Minimization)	3 Modes
Altitude	2,900m / 9,514ft
Life Span (Typical)	100,000 hrs

### VIDEO

Built-In Tuner	ATSC/NTSC/Clear QAM
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
Color Temperature Control	3 Modes
24p Real Cinema (3:3 Pulldown)	• (HDMI 1080p 24p)
3:2 Pulldown	•
Picture Reset	•
AV Mode	•
Picture Mode	9 Modes
ISFccc® Ready	•
Intelligent Sensor Mode	•
THX® Certified Display (w/Bright Room Mode)	•
x.v. Color	•
DTV Signal Strength Indicator	•

### AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	20W (10W x 2)
Speaker System Details	1 Way 2 Speaker
Dolby® Digital Decoder	•
Surround System	Infinite Sound
Bass/Treble/Balance Controls	•
Clear Voice II	•
Auto Volume Leveler II	•
EZ Sound Mode	5 Modes

### BROADBAND

NetCast™ Entertainment Access	•
Yahoo!® TV Widgets	•
Netflix® Instant Streaming Ready	•
Vudu™ (Streaming)	•
YouTube™	•
Picasa™ Web Albums	•
DLNA® Certified	• (JPG only)

### SPECIAL FEATURES

3D Ready	•
2D to 3D Conversion	•
Wireless HD Ready (WHDI™)	•
WiFi® CERTIFIED (Adapter Included)	•
Picture Wizard II	•
Freeze Frame	•
Smart Energy Saving	•
1080p Source Input	
HDMI™	60p/30p/24p
Component	60p/30p/24p
RGB	60p (WXGA)

### SPECIAL FEATURES (CONTINUED)

A/V Input Navigation	•
Input Labeling	•
Quick View (Flashback)	•
Quick Setup Guide	•
e-Manual	•
Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
SIMPLINK™ (HDMI CEC)	•

### CONVENIENCE FEATURES

Language	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 (When no video is present)	•

### TV AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1 (rear)
AV In	1 (rear) 1 (side)
Component Video In (Y, Pb, Pr) + Audio	2 (rear)
Digital Audio Out (Optical)	1 (rear)
HDMI™ 1.4a/HDCP Input	3 (rear) 1 (side)
RGB In (D-Sub 15pin) - PC	1 (rear)
PC Audio Input	1 (rear)
LAN	1 (rear)
RS-232c In (Control/Service)	1 (rear)
USB 2.0 (JPEG, MPEG-4/DivX HD)	2 (side) 1 (side - 3D glasses only)

### CABINET/INCLUDED ACCESSORIES

Design Type	Seamless Design
Swivel Stand (Degrees)	+20°/-20°
VESA® Compliant (WxH)	• (400mm x 400mm)
Wireless Adapter	1
Remote Control	2 (Magic Motion and Unified)

### OPTIONAL ACCESSORIES

Wireless Media Hub	Not Included
Slim Wall Mount	Not Included

### POWER

Voltage, Hz	100V ~ 240V, 50/60Hz
On Mode (Average)	TBD
Standby Mode	<0.1W

### DIMENSIONS & WEIGHT

TV Without Stand (WxHxD)	46.9" x 29.0" x 2.1"
TV With Stand (WxHxD)	46.9" x 31.7" x 11.6"
Shipping Dimensions (WxHxD)	52.4" x 33.2" x 13.0"
TV Without Stand Weight	TBD
TV With Stand Weight	TBD
Shipping Weight	TBD

### WARRANTY/UPC

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

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\*3D - For a small percentage of the population, the viewing of stereoscopic 3D video images 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. INFINIA features vary by series. NetCast internet connection & subscriptions required and sold separately. Wireless 1080p Ready Media Hub required and sold separately. Design, features and specifications are subject to change without notice. Non-metric weights and measurements are approximate. © 2010 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. 09/09/10