

# 50" PLASMA INTEGRATED HDTV

# 50PB4D



- Built-in HD DVR (160 GB)
- TV Guide On Screen®
- 1366 x 768 Resolution
- 15,000:1 Contrast Ratio
- 60,000 Hours to Half Brightness
- ATSC/NTSC/QAM Clear Tuner
- XD Engine®
- Clear Filter Pro with XCC
- SRS TruSurround XT™
- LG SimPLink
- 2 HDMI with HDCP

## BUILT-IN HDTV DIGITAL VIDEO RECORDER (DVR)

Record from cable or antenna to a built-in 160 GB hard disk drive with TV Guide On Screen® interactive program guide. Records up to 15 hours of HD programming or 66 hours of standard definition programming.

## CLEAR FILTER PRO

Advanced thin film filter for improved brightness and contrast, reduced reflection and truer color reproduction.

## LG SIMPLINK

Allows for convenient control of other LG SimPLink products using the existing HDMI connection.

## LG'S EXCLUSIVE XD ENGINE®

Six distinct processes contribute to picture improvement. LG's XD Engine® takes the low resolution of analog signals to near HD levels by improving brightness, contrast, detail and enhancing color as well as reducing signal noise. This total solution results in cinema-like high resolution images.



product  
design  
award

2007



reddot design award  
winner 2007



Life's Good  LG

# 50" PLASMA INTEGRATED HDTV

# 50PB4D



<b>TV</b>	
ATSC/NTSC/QAM Clear Tuner	•

<b>VIDEO</b>	
Native Display Resolution	1366 x 768p
Contrast Ratio	15,000:1
Brightness (cd/m <sup>2</sup> )	1500
Panel Life	60,000 Hours
XD Engine®	•
High Contrast Screen Filter	Clear Filter Pro
Image Sticking Minimization	3 Modes
Digital Comb Filter	3D
Color Temperature Control	4 Modes
Aspect Ratio Adjustment	7 Modes
Enhanced Noise Reduction (Video Noise Filter)	•
Enhanced Line Doubler	•
3:2 Pull-Down Correction	3:2 (480i)
Picture Selection Mode	5 Modes
Black Stretcher (Black Level Enhancer)	•
DTV Signal Strength Indicator	•
ACM (Active Color Management)	•
Color Processor	14 Bit

<b>AUDIO</b>	
Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	10W + 10W
Speaker System Details	1 Way 2 System
Dolby Digital Decoder	•
Surround System Type	SRS TruSurround XT™
Bass/Treble/Balance Controls	•
AVL (Auto Volume Leveler)	•
EZ Sound (Sound Status Mode)	6 Modes
Mute	•

<b>1080p SOURCE INPUT</b>	
HDMI	24p
Component	24p

<b>DVR</b>	
Program Guide	TV Guide OnScreen®
Hard Drive Size	160GB
Recording Time (High Definition)	15hrs
Recording Time (Standard Definition)	37hrs/49hrs/66hrs
External HD Source Recording (Component/Composite)	480i
Pause & Rewind Live TV	•
Slow Motion Rewind and Forward	2x, 4x, 8x, 16x
One Touch Record	•
Manual Record	•

<b>SPECIAL FEATURES</b>	
Auto Input Detect	•
Custom Input Labels	•
Back (Previous Channel)	•
Parental Control w/V-Chip	•
Closed Caption	•
LG SimpLink (HDMI CEC)	•
Trilingual Menus	English, Spanish, French
PIP (Picture In Picture)	•
Split Screen	•
PIP Swap	•
L/R Picture Size Control	•
POP (4 Pictures)	•
Position (4 Pictures)	•
Auto Channel Programming	•
Channel Add/Delete	•
Favorite Channel	•
Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off (When no Video is Present)	•

<b>REAR AUDIO/VIDEO INPUTS/OUTPUTS</b>	
RF In (Antenna/Cable)	1
L/R Audio/Composite Video In	1
L/R Audio Out	1

<b>REAR AUDIO/VIDEO INPUTS/OUTPUTS (CONTINUED)</b>	
S-Video In	1
HD Component Video In (Y,Pb,Pr) + L/R Audio	2
Digital Audio Out	2 (1 Coaxial/1 Optical)
HDMI/HDCP Input	2
RGB In (D-Sub 15pin) - PC	1
PC Audio Input	1
RS-232c In (Control/Service)	1
Remote Control In (IR)	1
Card Slot	1 (DCR)

<b>SIDE AUDIO/VIDEO INPUTS/OUTPUTS</b>	
L/R Audio/Composite Video In	1
S-Video In	1

<b>CABINET/ACCESSORIES</b>	
Cabinet Style	Table Top
Cabinet Color	Gloss Black
Remote Control Type	Universal
VESA® Compatible (W x H)	600mm x 400mm

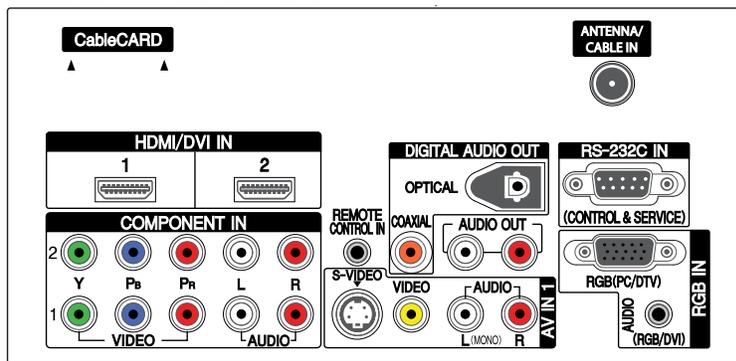
<b>POWER</b>	
Consumption (Typical)	420 W
Stand-by Consumption	1 W
Energy Star Compliant	•

<b>SPECIFICATIONS</b>	
Dimensions w/Out Stand (W x H x D)	51.3" x 33.2" x 3.5"
Weight w/Out Stand	82.9 lbs.
Dimensions w/Stand (W x H x D)	51.3" x 36" x 14.6"
Weight w/Stand	101.1 lbs.
Dimensions w/Packaging (W x H x D)	54.3" x 41.4" x 18.1"
Weight In Package	108.7 lbs.
UPC	719192171039
Warranty	2 Year Parts/Labor

## REMOTE



## REAR AUDIO/VIDEO INPUTS/OUTPUTS



## SIDE



LG Electronics U.S.A., Inc. 1000 Sylvan Avenue, Englewood Cliffs, NJ 07632 (800)243-0000

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