

50" Plasma Integrated HDTV

50PC3D/H



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.

Image Sticking Minimization

Provides protective measures to minimize damage as a result of stationary images.

Advanced Connectivity

Includes inputs for the most advanced components which allows simultaneous PC interactivity while watching your favorite TV programming.

Available in 50PC3DH for high altitudes (up to 9,514 feet)

- 10,000:1 Contrast Ratio
- 60,000 Hours to Half Brightness
- XD Engine™
- ATSC/NTSC/QAM Clear Tuners
- HDMI with HDCP
- 1366 x 768p Resolution



TV

ATSC/NTSC/QAM Tuners	•
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Video

Native Display Resolution	1366 x 768p
Contrast Ratio	10,000:1
Brightness	1,000 cd/m ²
Lifetime	60,000 Hours*
Viewing Angle	Over 160°
Comb Filter	3D Y/C
Color Temperature Adjustment	3 Modes
Aspect Ratio Adjustment	7 Modes
3:2 Pull-Down Cinema Correction	480i
EZ Video/Picture Selection Mode	5 Modes
XD Engine	•
Enhanced Noise Reduction	•
Black Stretcher (Black Level Enhancer)	•
DTV Signal Strength Indicator	•
Displayable Colors	1.07 Billion
High Contrast Screen w/ Non-Glare Coating	Glass Filter
Image Sticking Minimization	•
Decoder Formats	MPEG2

Audio

Audio Output Power	30W (15W x 2)
Speaker System Details	2 Way 4 Speaker
Surround System Type	SRS TruSurround XT
3D EchoSound System	•
Bass/Treble/Balance	•
EZ SoundRite (Volume Leveler)	•
EZ Sound/Sound Selection Mode	6 Modes
Mute	•
Mono/Stereo/SAP	•

Cabinet/Accessories

Cabinet Style	Table Top
Table Stand Included	•
Cabinet Color	Silver and Black
Remote Control Type	Universal
VESA Compatible	•

Special Features

Custom Input Labels	•
Defeatable Inputs	•
Auto Input Detect	•
Channel Block	•
Freeze	•
Discrete IR Codes	•
Favorite Channel Selection/Surf	•
Trilingual Menus	English, Spanish, French
On/Off Timer	•
Sleep Timer	•
Auto Off (When no Video is Present)	•
Flashback (Previous Channel)	•
Parental Control w/ V-Chip	•
EZ Menus (High Performance Interface)	•
EZ Scan (Auto Channel Programming)	•
Closed Caption	•
Screen Adjust (PC Mode)	•

Audio/Video Inputs/Outputs

TV Rear	
- Antenna/Cable In (RF)	1
- HDMI In (DVI w/ Adapter)	1
- Digital Audio Out (Optical)	1
- RS-232c In (Software Upgrade Interface and Control)	1
- Remote Control In (IR)	1
- RGB In (PC/DTV Input)	1
- Audio In (RGB/DVI w/ Adapter)	1
- Composite Video and Audio L/R In	1
- Composite Video and Audio L/R Out	1
- Component HD/DVD and Audio L/R In	2
- S-Video In	1
TV Side	
- Composite Video and Audio L/R In	1
- S-Video In	1

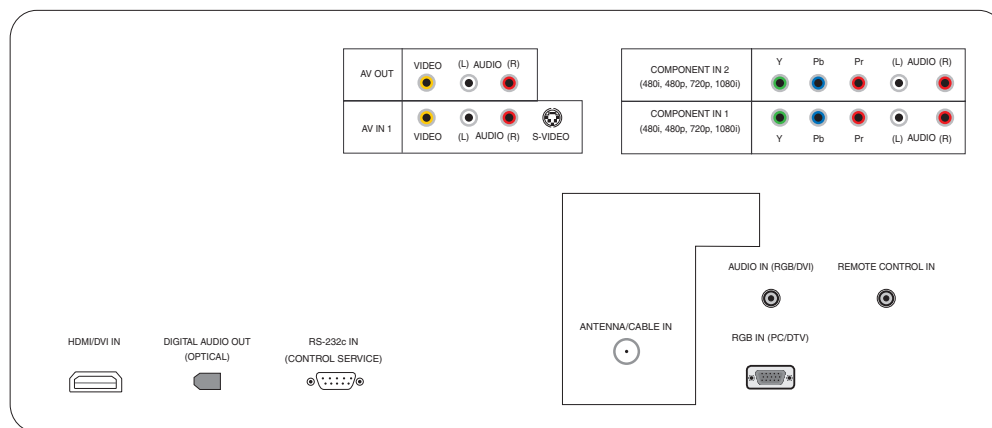
Specifications

Cabinet Dimensions w/Out Stand	
- Width x Height x Depth	51.3" x 31.9" x 4.5"
- Weight Out of Package	93.2 lbs.
Cabinet Dimensions w/ Stand	
- Width x Height x Depth	51.3" x 34.3" x 14"
- Weight Out of Package	112.6 lbs.
Dimensions w/ Packaging	
- Width x Height x Depth	55.7" x 37.8" x 18.0"
- Weight In Package	128.7 lbs.
UPC (50PC3D)	71919216948 7
UPC (50PC3DH)	71919217040 7
Warranty	2 Year Parts/Labor

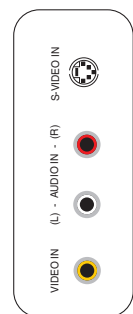


* Remote design may vary.

TV Rear



TV Side



* 60,000 Hours to half brightness (MTBF).

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Design and specifications subject to change without notice. 12/07/06

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