

50" Plasma Integrated HDTV with Built-in HD DVR

50PC1DRA



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.

Digital Cable Ready (CableCARD™)

This HDTV includes a cable tuner which allows reception of digital cable programming without the need for an external cable box.

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.



reddot design award
product design 2006

- Built-in HD DVR (160 GB)
- TV Guide On Screen®
- 14-Bit Color Processor
- 10,000:1 Contrast Ratio
- 60,000 Hours to Half Brightness
- Digital Cable Ready (CableCARD™)
- XD Engine™
- ATSC/NTSC/QAM Clear Tuners
- HDMI with HDCP
- 1366 x 768p Resolution



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System

ATSC/NTSC/QAM Tuners	•
Digital Cable Ready (DCR)	•
Program Guide Type	TV Guide On Screen
Digital Video Recorder (DVR)	160GB

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	4 Modes
Aspect Ratio Adjustment	7 Modes
3:2 Pull-Down Cinema Correction	480i
EZ Video/Picture Selection Mode	5 Modes
XD Engine	•
Black Stretcher (Black Level Enhancer)	•
DTV Signal Strength Indicator	•
Displayable Colors	68.7 Billion
Color Processor	14 Bit
High Contrast Screen w/ Non-Glare Coating	Glass Filter
Image Sticking Minimization	•
Decoder Formats	MPEG2

DVR Features

HDD Size	160GB
Time Shift Recording	•
Record Time (HD)	15 Hours
Record Time(SD)	Up to 66 Hours
One-Touch and Series Recording	•
Manual Recording	•
Record Signal of External AV Equipment	Composite

Audio

Audio Output Power	30W (15W x 2)
Speaker System Details	2 Way 4 Speaker
Surround System Type	SRS TruSurround XT
3D EchoSound System	•
BBE	•
Bass/Treble/Balance	•
EZ SoundRite (Volume Leveler)	•
EZ Sound/Sound Selection Mode	5 Modes
Mute	•
Mono/Stereo/SAP	•

Cabinet/Accessories

Cabinet Style	Table Top
Table Stand Included	•
Cabinet Color	Black/Gloss Black
Remote Control Type	Universal
Backlit Remote	•
VESA Compatible	•

Special Features

Custom Input Labels	•
Defeatable Inputs	•
Auto Input Detect	•
Channel Block	•
PIP	2 Tuner
PIP Exchange (Swap)	•
PIP Move	•
POP	•
Split Screen	•
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	•

Audio/Video Inputs/Outputs

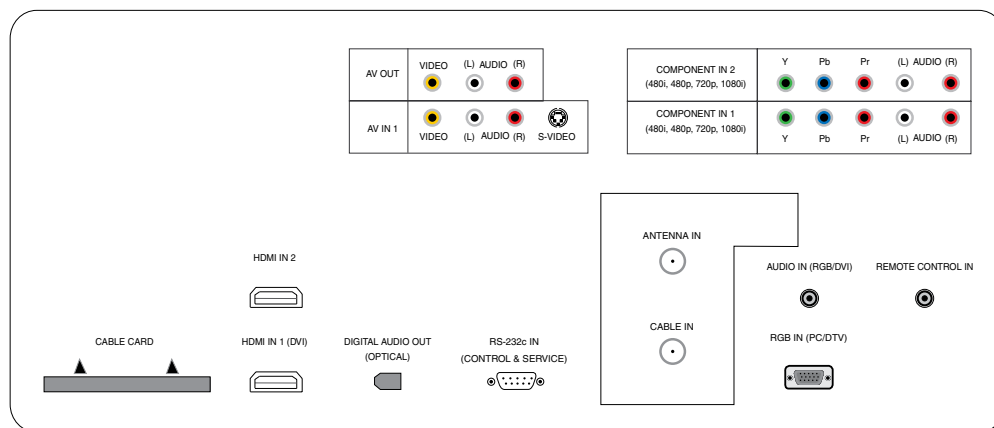
TV Rear	
- Antenna In (RF)	1
- Cable In (RF)	1
- HDMI (DVI w/ Adapter)	2
- Digital Cable Card Slot	1
- Digital Audio Out (Optical)	1
- RS-232c In (Software Upgrade Interface and Control)	1
- Remote Control In (IR)	1
- RGB In (PC/DTV Input)	1
- Audio In (RGB/DVI w/ Adapter)	1
- Composite Video and Audio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

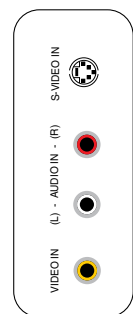
Cabinet Dimensions w/Out Stand	
- Width x Height x Depth	51.3" x 31.9" x 4.4"
- Weight Out of Package	96.6 lbs.
Cabinet Dimensions w/ Stand	
- Width x Height x Depth	51.3" x 34.3" x 14"
- Weight Out of Package	116.0 lbs.
Dimensions w/ Packaging	
- Width x Height x Depth	55.7" x 37.8" x 18.0"
- Weight In Package	132.1 lbs.
UPC	71919216947 0
Warranty	2 Year Parts/Labor



TV Rear



TV Side



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

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Design and specifications subject to change without notice. 04/18/06

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