

# 42" LCD Integrated HDTV with Built-in HD DVR

## 42LB1 DR



### **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.

### **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.

### **Super IPS Technology**

Reduces common distortion and blurring caused by fast motion video and also provides one of the industry's widest viewing angles (178°).

- Built-in HD DVR (160 GB)
- TV Guide On Screen®
- 14-Bit Color Processor
- 1600:1 Contrast Ratio
- 60,000 Hours to Half Brightness
- Digital Cable Ready (CableCARD™)
- XD Engine™
- ATSC/NTSC/QAM Clear Tuners
- Super IPS Technology
- HDMI with HDCP
- 1366 x 768p Resolution



# 42" LCD Integrated HDTV with Built-in HD DVR

# 42LB1DR

## 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	1600:1
Brightness	500 cd/m <sup>2</sup>
Lifetime	60,000 hours*
Viewing Angle	178° x 178°
Super IPS	•
Response Time (Grey to Grey)	8ms
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
Noise Reduction (Video Noise Filter)	3D
Decoder Formats	MPEG2
Screen Pitch	0.681 (Pixel Pitch)

## 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
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	Gloss Black & Silver
Remote Control Type	Universal
Backlit Remote	•
YESA Compatible	•
Front Lighted Display (LED)	•

## Special Features

Custom Input Labels	•
Defeatable Inputs	•
Auto Input Detect	•
Channel Block	•
PIP	2 Tuner
PIP Exchange (Swap)	•
PIP Move	•
POP	•
Split Screen	•
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 With V-Chip	•
EZ Menus (High Performance Interface)	•
EZ Scan (Auto Channel Programming)	•
Closed Caption	•
Automatic PC Screen Resolution Adjustment	•

## Audio/Video Inputs/Outputs

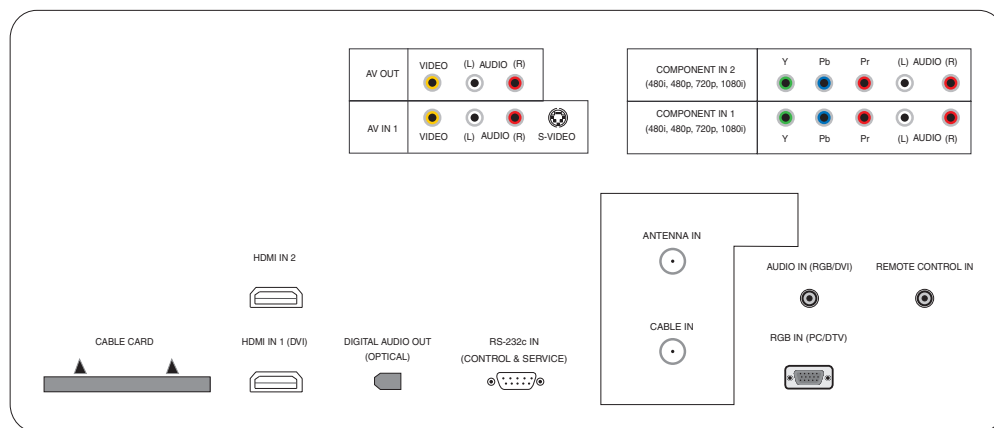
TV Rear	
- Antenna In (RF)	1
- Cable In (RF)	1
- HDMI (DVI with Adapter)	2
- Digital Cable Card Slot	1
- Digital Audio Out (Optical)	1
- RS-232c In (Software Upgrade Interface & Control)	1
- Remote Control In (IR)	1
- RGB In (PC/DTV Input)	1
- Audio In (RGB / DVI)	1
- Composite Video & Audio L/R In	1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

## Dimensions

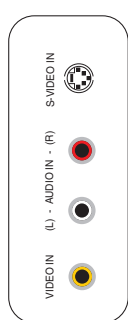
Cabinet Dimensions without Stand	
- Width x Height x Depth	46.3" x 26.4" x 5.7"
- Weight Out of Package	80.8 lbs.
Cabinet Dimensions with Stand	
- Width x Height x Depth	46.3" x 30.2" x 11.8"
- Weight Out of Package	99.6 lbs.
Dimensions with Packaging	
- Width x Height x Depth	50.5" x 36.3" x 15.2"
- Weight In Package	110.4 lbs.
UPC	719192169760
Warranty	1 Year Parts/Labor



## TV Rear



## TV Side



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

**LG Electronics U.S.A., Inc.**

1000 Sylvan Avenue  
Englewood Cliffs, NJ 07632

[www.LGusa.com](http://www.LGusa.com)

Design and specifications subject to change without notice. 02/09/06

© 2006 LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. LG Design and Life's Good are trademarks of LG Electronics, Inc.

