

# 42LC5DC 37LC5DC 32LC5DC/DCS

42", 37" and 32" LCD Widescreen HDTV with HD-PPV Capability



REMOVABLE SWIVEL  
STAND INCLUDED



- **New** MPEG-4 H.264 Decoding
- Fully Integrated Pro:Idiom™
- HD VOD PPV Encryption
- Digital HD-PPV Compatibility
- Built-in ATSC/NTSC/QAM Clear Tuners
- 1366×768 Native Resolution
- 1600:1 Contrast Ratio
- 500 cd/m<sup>2</sup> High Brightness
- Super IPS Technology with 178° Viewing Angle
- Picture-in-Picture, Split Screen (when used with additional tuner source)
- 2 HDMI™ Inputs with HDCP
- Discrete IR Codes

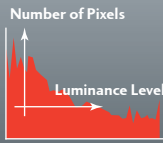
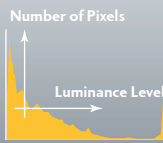


At a blazingly fast 370 million pixels per second, the processor uses a histogram analysis tool to clarify the image data according to signal brightness levels.

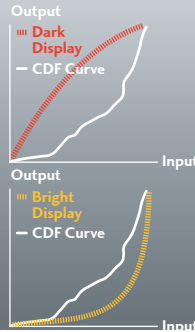
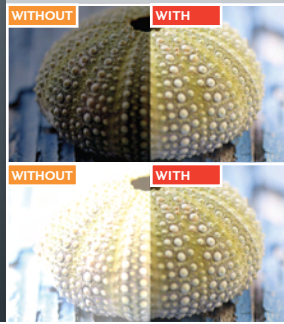
The minimum black level of an image is automatically detected and adjusted according to brightness.

Using the noise filter inside the X is analyzed for temporal and spatial MPEG noise.

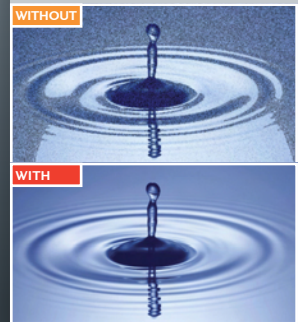
ULTRA CONTRAST



DYNAMIC BLACK STRETCH



CLEAR SCREEN



LG's exclusive 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.

### MPEG-4 TECHNOLOGY

LG's new LC5 series flat-panel HDTV LCDs incorporate the next-generation digital video compression technology, MPEG-4 (Moving Picture Experts Group) H.264, that enhances performance and simplicity for venues delivering satellite high-definition programming. This technology is the standard for compatibility with the more than 150 national HD channels and 1,500 local broadcast HD and digital channels, which are scheduled to launch on DIRECTV in 2007.

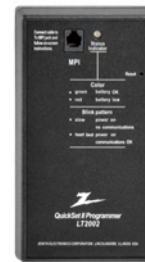
The advanced coding system enables delivery of many more HD channels in the same frequency bandwidth as before. Integrated MPEG-4 HDTVs support the industry's deployment of DIRECTV-delivered HD content, while setting the stage for the longer-term implementation of MPEG-4 by other satellite operators, cable companies, telcos and broadcasters. Since MPEG-4 technology is built-in to these sets, an external box is not required to be used with HD content providers who adapt to using this new technology.

### PRO:IDIOM™ DIGITAL RIGHTS MANAGEMENT SYSTEM

The Pro:Idiom™ system's high-quality security unlocks access to premium content availability to help assure rapid, broad deployment of HDTV and other high-value digital content. Pro:Idiom™ has been designed specifically for industries that use satellite-delivered pay TV content or video-on-demand (VOD) services and as such, could result in lower costs, and reduced maintenance. This system is the only DRM system embraced by content providers for both of these key programming sources. By using this embedded approach, security is provided and removes the possibility for "customers" to tamper with or remove needed components.

Pro:Idiom™

### QUICKSET II "CLONE" PROGRAMMER REMOTE LT2002



Retains up to 3 master TVs

The LT2002 allows for custom setup and programming information to be quickly copied from a "master" LG or Zenith brand LCD, Plasma, or CRT TV (with the MPI™ input) into an unlimited number of identical models. This saves the installers hours of time duplicating the hotel TV settings, such as minimum volume, maximum volume, start up channel, channel mapping, etc.

### SUPER IPS

In Plane Switching® (IPS), an exclusive feature of LG LCD models, reduces common distortion and blurring caused by fast motion video and also provides one of the industry's widest viewing angles (up to 178°).





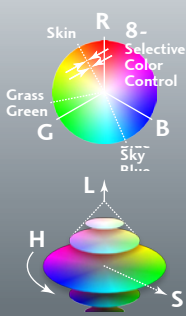
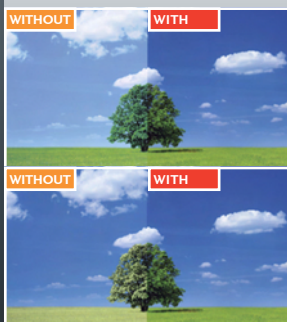
D Engine® chip, the image  
information to reduce

Colors that are sensitive to the human eye are optimized to  
the nearest TRUE color by the Selective Color Control.

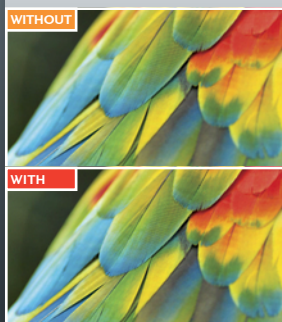
Edge lines are emphasized by improving the transition  
from the background to the main object.



ADVANCED VIVID COLOR



INTELLIGENT EDGE CONTROL



Without Edge Control  
Slow Edge

With Edge Control  
Fast Edge

Overshoot Height &  
Width Controlled

Improved Rise Time  
Center Accurate

Smooth Overshoot,  
No Clipping

## SPECIFICATIONS

PANEL	32LC5DC/DCS	37LC5DC	42LC5DC
Screen Size	32	37	42
Native Display Resolution	1366×768	1366×768	1366×768
Maximum Computer Resolution (RGB)	XGA (1024×768)	XGA (1024×768)	XGA (1024×768)
Contrast Ratio	1600:1	1600:1	1600:1
Brightness	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Lamp Life	60,000 hours (typ.)	60,000 hours (typ.)	60,000 hours (typ.)
Viewing Angle (H×V)	178°×178°	178°×178°	178°×178°
Super IPS	Yes	Yes	Yes
Response Time	8 ms	8 ms	8 ms

CABINET	32LC5DC/DCS	37LC5DC	42LC5DC
Dimensions with Stand (W×H×D)	31.75"×23.79"×9.8	36.49"×27.39"×10.42	40.68"×29.56"×11.58
without Stand (W×H×D)	31.75"×21.74"×3.83	36.49"×24.79"×4.13	40.68"×27.03"×4.24
Packaging (W×H×D)	40.98"×25.12"×9.1	39.33"×34.53"×10.39	44.06"×33.78"×14.72
Weight with Stand	32.9 lbs	47.2 lbs	61.3 lbs
Weight without Stand	26.9 lbs	36.8 lbs	47.2 lbs
Weight with Packaging	40.8 lbs	55.1 lbs	71.9 lbs
Cabinet Style	Table Top	Table Top	Table Top
Table Stand Included	±90° swivel base	±90° swivel base	±20° swivel base
Color	32LC5DC Black 32LC5DCS Silver	Black	Black
VESA™ Compatible	200mm×100mm	600mm×400mm	600mm×400mm
Compatible with wall mount PWMT300	Yes	Yes	Yes

UPC	32LC5DC	37LC5DC	42LC5DC
	719192170995	719192170988	719192170977

POWER SOURCE	32LC5DC	37LC5DC	42LC5DC
Power Consumption	190 Watts (Max.)	210 Watts (Max.)	240 Watts (Max.)
	3 Watts in Standby	3 Watts in Standby	3 Watts in Standby
Power Source	100~240V 50/60 Hz	100~240V 50/60 Hz	100~240V 50/60 Hz

VIDEO	32LC5DC/DCS
ATSC/NTSC/QAM Clear Tuners	Built-in
Program Guide Type	PSIP
Comb Filter	3D Digital
Color Temperature	Cool, Normal, Warm
3:2 Pull Down Cinema Correction	Yes
Aspect Ratio Adjustment	7 Modes
EZ Picture Selection Mode	5 Modes
XD Engine®	Yes
Blue/Black Stretcher	Yes
All Format Converter	1080i/720p/480p/480i » 768p
Enhanced Video	Yes
DLTI (Digital Luminance Transient Improver)	Yes
DCTI (Digital Color Transient Improver)	Yes
Decoder Formats	MPEG-4 H.264

AUDIO	32LC5DC/DCS
Audio Power	20W (10W×2)
Speaker System Details	1 Way 2 Speaker
3D EchoSound System	Yes
Dolby Digital Decoder	Yes
Bass/Treble/Balance	Yes
EZ SoundRite (Auto Volume Limiter)	Yes
EZ Sound/Sound Selection Mode	6 Modes
Mute	Yes
Mono/Stereo/SAP	Yes

INPUTS/OUTPUTS	32LC5DC/DCS
RF In	1 (ATSC/NTSC)
HDMI™ (DVI with Adapter) Inputs	2
RGB In (PC/DTV Input)	1 (XGA Max. Resolution)
S-Video In	1 Rear/1 Side
Composite Video & Audio L/R In	1 Rear/1 Side

INPUTS/OUTPUTS CONT'D.	32LC5DC/DCS
Digital Audio Out (Optical)	1
Audio In (RGB/DVI with Adapter)	1
Component HD/DVD & Audio L/R In	1
Audio In (Phone Jack)	1
Speaker Out	1
RS-232C Input	1
Remote Control In (IR)	1
RJ45 for RJP	1
MPI Slot	1

REQUIRED APPROVALS	32LC5DC/DCS
UL, c-UL, NOM	Yes

SERVICE/LIMITED WARRANTY	32LC5DC/DCS
Warranty (Parts/Labor)	2 Years

SPECIAL FEATURES	32LC5DC/DCS
Picture-in-Picture, Split Screen (with additional tuner source)	Yes
Channel Labeling	Yes
TV Link Protocol	Yes
RJP Plug&Play Support	Yes
Discrete IR Codes	Yes
Trilingual Menus	Yes
English/Spanish/French	Yes
Sleep Timer, On/Off Timer	Yes
Flashback (Previous Channel)	Yes
Parental Control w/V-Chip	Yes
EZ Menus (High Performance Interface)	Yes
EZ Scan (Auto Channel Programming)	Yes
Closed Caption	Yes
Remote, Universal	Yes

## OPTIONAL AUTO-SENSING REMOTE JACK PACKS

### RJP-101M



### INSTALLATION

Vertically on wall or in back splash of desk

### INPUTS

4 AC Outlets (Maximum 7 amps)  
Phone Jack (RJ11)—Pass through  
PC Network (RJ45)—Pass through  
USB—Pass through  
Mini Plug Audio In (3.5mm audio)  
Audio/Video In (RCA type)  
S-Video In (Y-C connector)  
PC Video In (RGB 15-Pin VGA type)  
Digital Video In

### RJP-110F (Black)/RJP-110FW (White)



### INSTALLATION

On top of desk

### INPUTS

Mini Plug Audio In (3.5mm audio)  
Audio/Video In (RCA type)  
PC Video In (RGB 15-Pin VGA type)  
Digital Video In

### RJP-110W (Black)/RJP-110WBR (Brown)



### INSTALLATION

Vertically in desk front

### INPUTS

2 AC Outlets (Maximum 7 amps)  
Mini Plug Audio In (3.5mm audio)  
Audio/Video In (RCA type)  
PC Video In (RGB 15-Pin VGA type)  
Digital Video In

### RJP-110S



### INSTALLATION

Mounts on top of a desk

### INPUTS

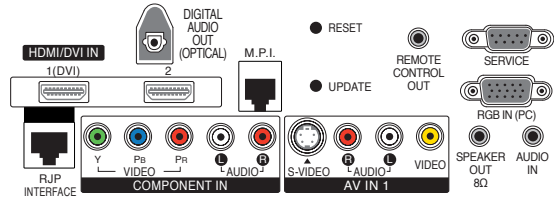
2 AC Outlets (Maximum 7 amps)  
Mini Plug Audio In (3.5mm audio)  
Audio/Video In (RCA type)  
PC Video In (RGB 15-Pin VGA type)  
Digital Video In

LG Electronics USA, Inc.

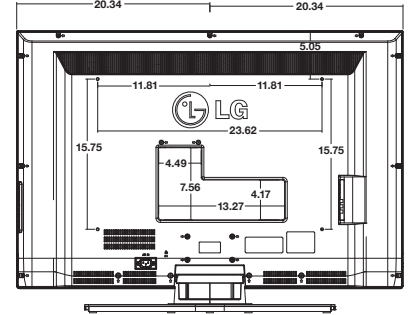
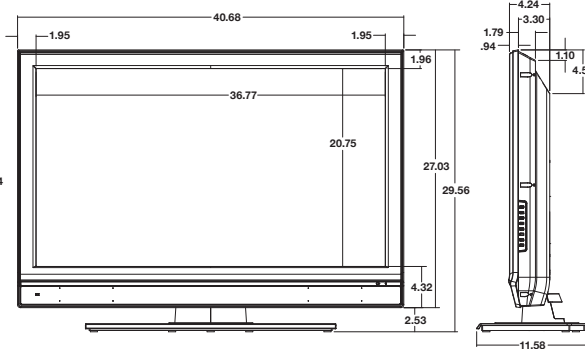
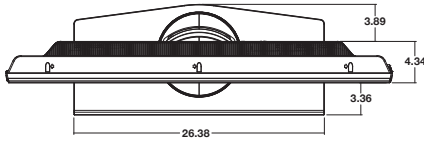
# 42LC5DC 37LC5DC 32LC5DC/DCS

42", 37" and 32" LCD Widescreen  
HDTV with HD-PPV Capability

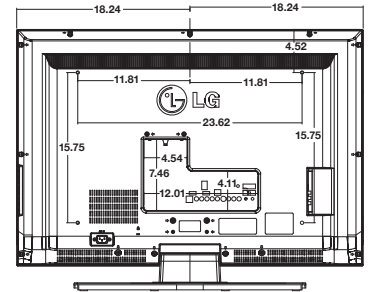
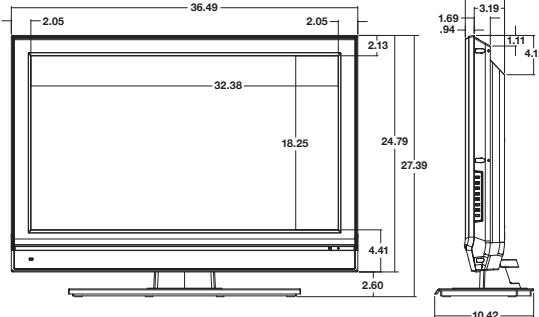
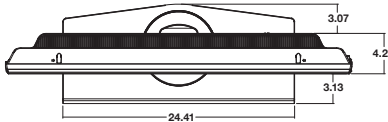
## REAR AUDIO/VIDEO INPUTS/OUTPUTS



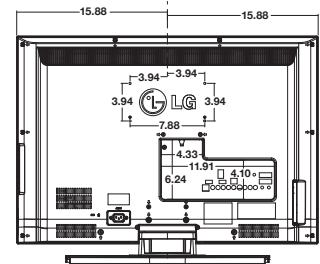
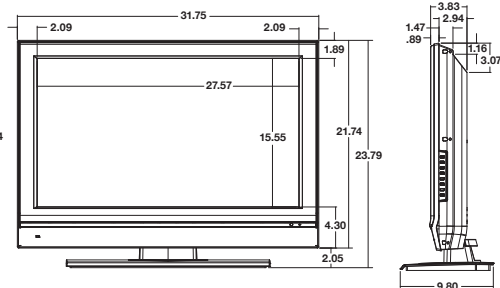
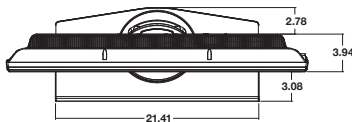
### 42LC5DC



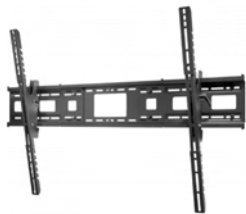
### 37LC5DC



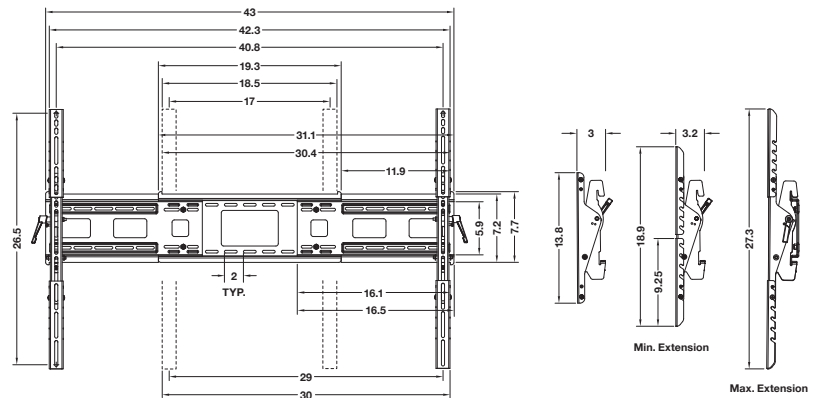
### 32LC5DC



## PWMT300 FIXED OR TILTING WALL MOUNT



The PWMT300 Flat Panel Modular Wall Mount's intuitive design makes it easy to mount an LC5 Series LCD with the expandable wall brackets and the three included wall plates. Using this wall mount, the LC5 Series LCDs can be hung flat or tilted +15°/-5° for viewing flexibility.



The PWMT300 is a Peerless® mount that is available for order at LG Electronics USA, Inc.

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

LG Electronics USA, Inc. 2000 Millbrook Drive, Lincolnshire, IL 60069 Customer Service: 1-888-865-3026

Dimensions and weights are approximate. Design and specifications subject to change without notice. VESA™ is a registered trademark of Video Electronics Association. The "LG Life's Good" is a registered trademark of LG Electronics USA, Inc. All other trademarks are property of their respective owners. ©2007 LG Electronics USA, Inc. Printed in the USA. May 2007.

16651 LG42LC5DC0507A

