

- 42" CLASS (42.0" MEASURED DIAGONALLY)
- 37" CLASS (37.0" MEASURED DIAGONALLY)
- 32" CLASS (31.5" MEASURED DIAGONALLY)
- 26" CLASS (26.0" MEASURED DIAGONALLY)

- 42LD340H HI GLOSS BLACK
- 37LD340H HI GLOSS BLACK
- 37LD345H MATTE BLACK
- 32LD340H HI GLOSS BLACK
- 32LD345H MATTE BLACK
- 26LD340H HI GLOSS BLACK

## LCD Commercial Widescreen

## Pro:Centric™ Single Tuner™ HDTV with Integrated Pro:Idiom®



HD VOD PPV ENCRYPTION  
Integrated Pro:Idiom

Pro:Centric SINGLE TUNER  
(Java/Flash)

 EcoSmart™  
Dynamic Power Savings  
Static Power Savings

 CALIFORNIA ENERGY COMMISSION (CEC) COMPLIANT

 RESTRICTION OF HAZARDOUS SUBSTANCES (ROHS)  
COMPLIANT

INTEGRATED b-LAN™

MPEG-2/MPEG-4 H.264 DECODING

COMMERCIAL MODE SET UP MENU (INSTALLER MENU)

**NEW!** REMOTE MANAGEMENT OF TELEVISION  
SETTINGS USING Pro:Centric SERVER (PCS150R) OR  
FREE-TO-GUEST MANAGEMENT APPLIANCE (FMA-LG101)

TVLINK-PROTOCOL

MPI™/GAME CONTROL PORT

NATIVE DISPLAY RESOLUTION  
1920 x 1080 (37"/42" class)  
1366 x 768 (26"/32" class)

**NEW!** 180° DETACHABLE SWIVEL ALL METAL  
COMMERCIAL GRADE STAND  
with built-in security plate (mounting hardware parts included)

DYNAMIC CONTRAST RATIO  
60,000:1

USB CLONING

USB MEDIA HOST (JPEG & MP3)

SPLASH IMAGE ON START UP

ANTI-THEFT WARNING LABEL

2 YEAR LIMITED WARRANTY  
(parts and labor)



The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for models 42LD340H, 37LD345H, 37LD340H, 32LD345H, 32LD340H & 26LD340H are \$22, \$18, \$18, \$14, \$14 & \$12, respectively.

"Your energy cost depends on your utility rates and use. The estimated cost is based on 11 cents per kWh and 5 hours of use per day. For more information, visit [www.ftc.gov/energy](http://www.ftc.gov/energy)."<sup>1</sup>

<sup>1</sup>FTC Television labeling rule (18 CFR Part 305, as added by 76 Fed. Reg. 1038 [Jan 6, 2011]).



green LIFE'S GOOD...

# WHEN IT'S GREEN.

LG is committed to improving product development, manufacturing and usage to meet the demand for environmentally friendlier products.

The LD340H and LD345H series have technologies to reduce power consumption and in return increase **cost savings** per room.

- **EcoSmart**  
Dynamic Power Savings - Using built-in algorithms, the TV will automatically reduce the power consumption based on incoming video, while maximizing picture performance.  
Static Power Savings - Picture brightness level can be set at the preferred power consumption level to reduce power and increase energy savings.
- **CEC Compliant** - Meets the Appliance Efficiency Regulations of the California Energy Commission.
- **RoHS Compliant**  
Meets directive on restriction of hazardous substances.

# APPLICATION ACCESSORIES

## Pro:Centric

### Interactive Guestroom Experience

An industry leading Pay-Per-View (PPV) compatible television to include an embedded applications platform, LG's new LD340H and LD345H series allows hoteliers to customize the in-room experience. Pro:Centric provides an easy way for the LD340H and LD345H series to interface with interactive program guides, games and internet data feeds, as well as applications designed to connect guests to hotel services such as room service menus, spa services and golf course scheduling.

### Pro:Centric PLATFORM\*



## Electronic Program Guide



\*May require optional software, hardware, third party subscription service/contract, and customization at an additional cost.

## LG'S FREE-TO-GUEST COST EFFECTIVE SOLUTION

When using LG televisions in For Free-To-Guest hotel installations there are now two options for remote management of TV settings such as virtual channel mapping, cloning of installer menu settings, and other settings:

1. Integrated b-LAN, plus LG's Free-To-Guest Management System (FMA)
2. LG's Pro:Centric server (PCS150R)

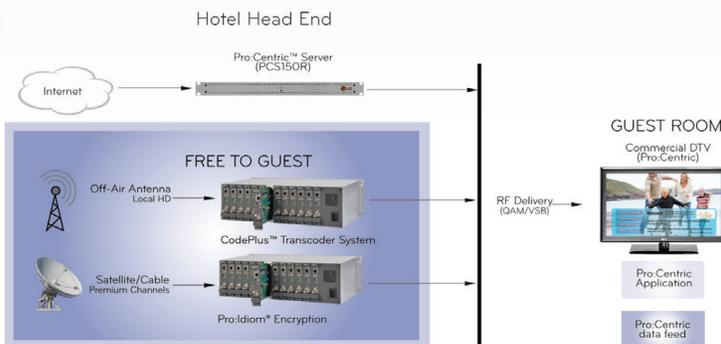
Both remote management options avoid having to visit rooms to change television settings, thereby saving labor charges to carry out this work.

## HOTEL COSTS FOR FREE-TO-GUEST CHANNEL MANAGEMENT

|   | Estimated Labor Costs   | *MAP price    | Total    | Savings over other brand |
|---|---|---------------|----------|--------------------------|
| Other brand                                     | \$20 (est.) x 2 times per year (to update channels) x 100 rooms x 5 years |               | \$20,000 |                          |
| LG Pro:Idiom TV with b-LAN integration plus FMA |   | \$1,999 (FMA) | \$1,999  | \$18,001                 |
| LG Pro:Idiom TV with Pro:Centric Server         |   | \$2,500       | \$2,500  | \$17,500                 |

\* MAP price subject to change.

## Pro:Centric SYSTEM OVERVIEW (example for illustrative purpose only)



## FREE-TO-GUEST REMOTE MANAGEMENT DEVICES

### FMA-LG101

HEAD-END SYSTEM



Manages channel line-up changes, channel label changes, designates a startup channel, cloning of commercial installer menu settings, and can set the time/date, and broadcast that information to all the terminals on a regular basis. Also, enables Pro:Idiom tuning for Pro:Idiom encrypted content.

### PCS150R

HEAD-END SYSTEM



Remote management functions also supported via the Pro:Centric server. The Pro:Centric Application software can be remotely added at a later date to deliver the benefits of LG's Applications features (Weather, EPG, Billboards...)

## FREE-TO-GUEST INTEGRATED b-LAN

### b-LAN

FREE-TO-GUEST TECHNOLOGY

Will allow viewing of HD secured Pro:Idiom encrypted content from Pro:Idiom licensed Cable or Satellite providers. Compatible with FMA-100 and FMA-LG101 head-end systems. Pay-Per-View ready.



## POWER ON SPLASH IMAGE

### Welcome Screen

LG's commercial in-room televisions have a Splash Image/Logo (Customized Welcome Screen) feature that allows a property to enhance their brand image. It gives the installer the ability to upload a company logo/image so that a customer can view it on screen right when they turn on the TV. The company logo is easily uploaded by using a USB memory device. The TV has simple uploading instructions using the USB download menu in the installer settings.

## invisible SPEAKER

### SOUND IS HEARD, NOT SEEN

Enjoy a combination of smart technology and stylish design with the invisible speaker system custom tuned by audio expert Mr. Mark Levinson. This unique system provides a clean, polished look and an enhanced auditory experience by increasing the sweet spot and providing a wider sound field.



### USB CLONING

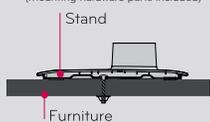
USB cloning will allow for easy transfer of Commercial Installer Menu Settings from the "Master TV" to an unlimited number of same type televisions.



### MOUNTING HOLES ON STAND FOR ATTACHMENT TO FURNITURE

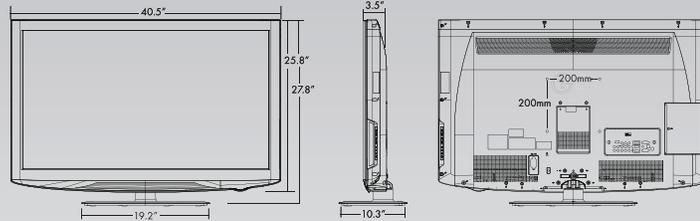


2-Screws, 2-Washers,  
2-Nuts, 4-Rubbers  
(mounting hardware parts included)

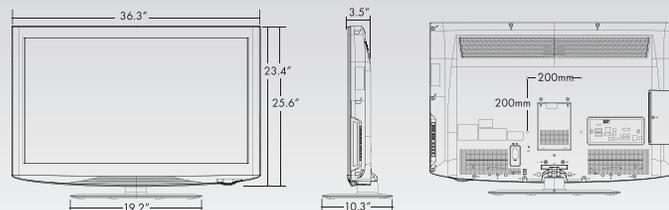


# DIMENSIONS

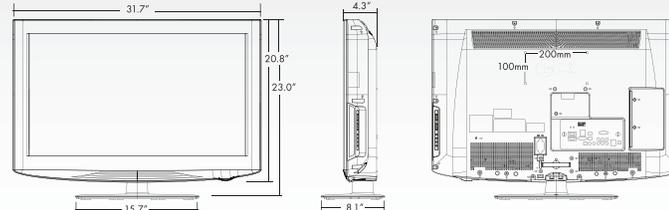
42LD340H



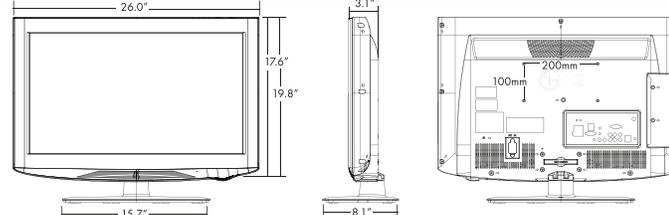
37LD340H/37LD345H



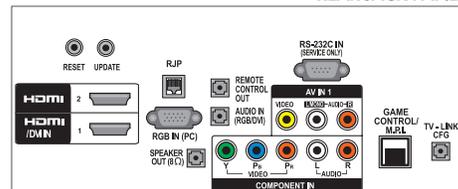
32LD340H/32LD345H



26LD340H



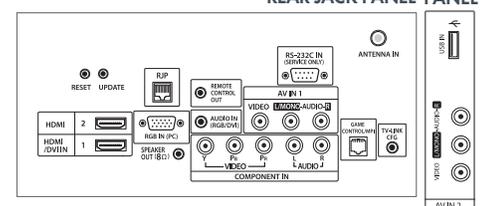
42LD340H/37LD340H/37LD345H/32LD340H/32LD340H  
REAR JACK PANEL



SIDE JACK 26LD340H  
PANEL



REAR JACK PANEL SIDE JACK PANEL



|                |          |                                       |
|----------------|----------|---------------------------------------|
| HI GLOSS BLACK | 42LD340H | 42" CLASS (42.0" MEASURED DIAGONALLY) |
| HI GLOSS BLACK | 37LD340H | 37" CLASS (37.0" MEASURED DIAGONALLY) |
| MATTE BLACK    | 37LD345H |                                       |
| HI GLOSS BLACK | 32LD340H | 32" CLASS (31.5" MEASURED DIAGONALLY) |
| MATTE BLACK    | 32LD345H |                                       |
| HI GLOSS BLACK | 26LD340H | 26" CLASS (26.0" MEASURED DIAGONALLY) |

## SPECIFICATIONS

## LCD SPECIFICATION

|                           |  |
|---------------------------|--|
| Screen Size (Class)       | 42" class (42.0" measured diagonally)<br>37" class (37.0" measured diagonally)<br>32" class (31.5" measured diagonally)<br>26" class (26.0" measured diagonally) |
| Native Display Resolution | 1920 x 1080 (42, 37")<br>1366 x 768 (32, 26")  |
| Dynamic Contrast Ratio    | 60,000:1   |
| Viewing Angle             | 178°/178°  |
| Color Reproduction        | 8 bit  |
| Response Time             | 4ms  |
| Life Span (Typical)       | 60,000 hrs   |

## BROADCASTING SYSTEM

|                     |     |
|---------------------|-----|
| Analog              | Yes |
| ATSC/NTSC/Clear QAM | Yes |
| b-LAN (RFModem)     | Yes |

## VIDEO

|   |                              |
|---|------------------------------|
| XD Engine                                     | Yes                          |
| Video Codec                                   | MPEG-2/4                     |
| Aspect Ratio                                  | 16:9                         |
| Aspect Ratio Correction                       | 5 Modes                      |
| Just Scan 0% over scan                        |                              |
| HDMI/Component:                               | HD/DTV                       |
| Enhanced Noise Reduction (Video Noise Filter) | Yes, 3D NR/MPEG NR           |
| Digital Comb Filter                           | Yes (3D)                     |
| Color Temperature Control                     | 3 Modes (Medium, Warm, Cool) |
| Black Stretcher                               | Yes                          |
| 24p Real Cinema                               | Yes                          |
| Cinema 5:5/2:2 Mode                           | Yes                          |
| Picture Reset                                 | Yes                          |
| EZ Picture/PSM                                | Yes (5 mode)                 |
| xVCC (richer color)                           | Yes                          |
| DTV Signal Strength Indicator                 | Yes                          |
| Video Reset/Initializing                      | Yes                          |

## AUDIO

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Mono/Stereo/Dual (MTS/SAP)       | Yes                                   |
| Audio Output Power               | 10W x 2 (32", 37", 42"), 7W x 2 (26") |
| Invisible Speaker System Details | 1 Way 2 Speaker                       |
| Dolby Digital 5.1 Decoder        | Yes                                   |
| Surround System Type             | Infinite Sound                        |
| Bass/Treble/Balance Controls     | Yes                                   |
| Clear Voice II                   | Yes                                   |
| Auto Volume Leveler              | Yes                                   |
| EZ Sound Mode/SSM                | 5 Modes                               |

## SPECIAL FEATURES

|  |   |
|--|---|
| Integrated Pro:Idiom                         | Yes                                       |
| Pro:Centric Single Tuner (Java/Flash)        | Yes                                       |
| b-LAN Embedded (Version 6.3 or up)           | Yes                                       |
| MPEG4  | Yes                                       |
| Auto-Sensing RJP compatible                  | Yes (with select RJP versions, non - PIP) |
| Commercial Mode Set Up Menu (Installer Menu) | Yes                                       |
| TVLink Protocol                              | Yes                                       |
| USB Cloning                                  | Yes                                       |
| USB Mode Host (JPEG & MP3)                   | Yes                                       |
| Splash Image                                 | Yes                                       |
| Multi Remote IR code (Bed1-9)                | Yes                                       |
| 720p/1080p Source Input                      |   |
| HDMI   | 60f/30f/24f                               |
| Component                                    | 60f/30f/29f                               |
| Auto Screen Adjust                           | Yes                                       |
| Fresh White                                  | Yes                                       |
| Flashback (Previous Channel)                 | Yes                                       |
| Quick Setup Guide                            | Yes                                       |

|                                       |     |
|---------------------------------------|-----|
| Parental Control w/V-Chip             | Yes |
| Key Lock/Child Lock                   | Yes |
| Customizable Closed Caption/Sub-title | Yes |

## CONVENIENCE FEATURES

|  |                               |
|--|-------------------------------|
| Language                                       | English/Spanish/French/Korean |
| Alvin UI                                       | Yes                           |
| Commercial Function Menu                       | Yes                           |
| Auto Tuning/Programming                        | Yes                           |
| Channel Add/Delete                             | Yes                           |
| Auto/Manual Clock                              | Yes                           |
| On/Off Timer/Sleep Timer                       | Yes                           |
| Auto Off/Auto Sleep (When no video is present) | Yes                           |

## AUDIO/VIDEO INPUTS/OUTPUTS

|   |   |
|---|---|
| RF In (Antenna/Cable)                         | 1   |
| L/R Audio/Composite Video In                  | 1 (rear), 1 (side)                                |
| HD Component Video In (Y, Pb, Pr) + L/R Audio | 1   |
| Speaker Out                                   | 1 (1W mono)                                       |
| HDMI/HD/PC Input (V1.3 with Deep Color)       | 2 (1 port PC mode)                                |
| RGB In (D-Sub 15pin) - PC                     | 1 (up to WXGA)                                    |
| PC Audio Input                                | 1   |
| RS-232c In (Service Only)                     | 1   |
| USB 2.0 Input                                 | 1 (Side) Media Host (jpeg, mp3), Cloning, Service |

|                                   |     |
|-----------------------------------|-----|
| Remote Control Port out           | 1   |
| RJ45 (for RJP interface, non PIP) | 1   |
| MPI/Game Control Port             | Yes |

## CABINET/ACCESSORIES

|                                       |  |
|---------------------------------------|--|
| Cabinet Color                         | Hi Gloss Black (320H)/Matte Black (325H)             |
| All Metal Swivel Stand (degrees)      | +90°/90°   |
| Stand w/Built-in security plate       | Yes (parts included, tools not included)             |
| Security Screws (TORX)                | Yes (optional use)                                   |
| Fire Retardant Cabinet Material       | Yes  |
| Kensington Security System Slot       | Yes  |
| VESA® Standard Mount Compatible (WxH) | 200mm x 100mm (26", 32")<br>200mm x 200mm (37", 42") |

|                 |                           |
|-----------------|---------------------------|
| Remote Control  | Yes                       |
| Cloning Capable | USB input, opt. TLL-1100A |

## POWER

|  |   |
|--|---|
| Voltage, Hz  | 100V - 240V, 50/60 Hz   |
| Stand-by Mode  | Less than 1W  |
| Dynamic/Static Power Savings                         | Yes   |
| Power Consumption (with Power Saving Modes Disabled) | Max 110 (26"), 150 (32"), 200 (37"), 270 (42")<br>Typical 60 (26"), 80 (32"), 90 (37"), 120 (42") |
| RoHS Compliant                                       | Yes   |

## DIMENSIONS &amp; WEIGHT

|                             |  |
|-----------------------------|--|
| TV without stand (WxHxD)    | 26.0" x 17.6" x 3.1" (26")<br>31.7" x 20.8" x 4.3" (32")<br>36.3" x 23.4" x 3.5" (37")<br>40.5" x 25.8" x 3.5" (42")   |
| TV with stand (WxHxD)       | 26.0" x 19.8" x 8.1" (26")<br>31.7" x 23.0" x 8.1" (32")<br>36.3" x 25.6" x 10.3" (37")<br>40.5" x 27.8" x 10.3" (42") |
| Shipping Dimensions (WxHxD) | 32.9" x 21.3" x 6.9" (26")<br>38.7" x 24.6" x 7.4" (32")<br>44.9" x 27.0" x 6.8" (37")<br>48.4" x 30.3" x 6.9" (42")   |
| TV without stand weight     | 16.9 lbs (26")<br>25.1 lbs (32")<br>28.6 lbs (37")<br>33.7 lbs (42")   |
| TV with stand weight        | 20.7 lbs (26")<br>28.8 lbs (32")<br>34.3 lbs (37")<br>39.4 lbs (42")   |
| Shipping Weight             | 25.7 lbs (26")<br>34.3 lbs (32")<br>40.9 lbs (37")<br>46.6 lbs (42")   |

## SERVICE/LIMITED WARRANTY

|          |                       |
|----------|-----------------------|
| UPC CODE | 2 Years (Parts/Labor) |
|----------|-----------------------|

|                   |                                 |
|-------------------|---------------------------------|
| 42LD340H          | 7 19192 90237 4                 |
| 37LD340H/37LD345H | 7 19192 90240 4/7 19192 90241 1 |
| 32LD340H/32LD345H | 7 19192 90352 4/7 19192 90353 1 |
| 26LD340H          | 7 19192 90247 3                 |

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SPEC\_LD340H\_345H\_021205\_PR



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