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
- RoHS COMPLIANT
- INTEGRATED bLAN™
- MPEG-2/MPEG-4 H.264 DECODING
- COMMERCIAL MODE SET UP MENU (INSTALLER MENU)
- REMOTE MANAGEMENT OF TELEVISIONS SETTINGS USING Pro:Centric SERVER [PCS100R] OR FREE-TO-GUEST MANAGEMENT APPLIANCE [LFMA-101]
- TVLINK:PROTOCOL
- MPI SLOT
- NATIVE DISPLAY RESOLUTION
  - 1920 x 1080 (37”/42” class)
  - 1366 x 768 (26”/32” class)
- DYNAMIC CONTRAST RATIO
  - 60,000:1
- USB CLONING
- USB MEDIA HOST [JPEG & MP3]
- SPLASH IMAGE ON START UP
- ANTI-THEFT WARNING LABEL
- 180° DETACHABLE SWIVEL ALL METAL COMMERCIAL GRADE STAND
- 2 YEAR LIMITED WARRANTY (parts and labor)

www.LGsolutions.com
WHEN IT’S GREEN.
LG is committed to improving product development, manufacturing and usage to meet the demand for environmentally friendlier products.

The LD340H series has technologies to reduce power consumption and in return increase **cost savings** per room. We’ve also placed limits on the amounts of harmful materials used in these televisions.

- **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.
- **RoHS Compliant**
  Meets directive on restriction of hazardous substances.

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**APPLICATION**

**Pro:Centric**
Interactive Guestroom Experience

An industry leading Pay-Per-View (PPV) compatible television to include an embedded applications platform, LG’s new LD340H series allows hotels to customize the in-room experience. Pro:Centric provides an easy way for the LD340H 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.

**Electronic Program Guide**

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

<table>
<thead>
<tr>
<th></th>
<th>Estimated Labor Costs</th>
<th>*MAP price</th>
<th>Total</th>
<th>Savings over other brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other brand</td>
<td>$20 (est.) x 2 times per year (to update channels) x 100 rooms x 5 years</td>
<td>$20,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LG Pro:Idiom TV with b-LAN integration plus FMA</td>
<td>$1,999 (FMA)</td>
<td>$1,999</td>
<td>$18,001</td>
<td></td>
</tr>
<tr>
<td>LG Pro:Idiom TV with Pro:Centric Server (PCS100R)</td>
<td>$2,700 (PCS100R*)</td>
<td>$2,700</td>
<td>$17,300</td>
<td></td>
</tr>
</tbody>
</table>

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

**FREE-TO-GUEST INTEGRATED b-LAN**

b-LAN

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.
SHARPER
BRIGHTER
CLEARER

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.

infrared
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
ATTACHING THE TV TO A DESK
## LCD SPECIFICATION

<table>
<thead>
<tr>
<th>Screen Size (Class)</th>
<th>42&quot; class</th>
<th>37&quot; class</th>
<th>32&quot; class</th>
<th>26&quot; class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
<td>1280 x 720</td>
</tr>
<tr>
<td>Dynamic Contrast Ratio</td>
<td>60,000:1</td>
<td>60,000:1</td>
<td>60,000:1</td>
<td>60,000:1</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>178°/178°</td>
<td>178°/178°</td>
<td>178°/178°</td>
<td>178°/178°</td>
</tr>
<tr>
<td>Color Reproduction</td>
<td>8 bit</td>
<td>8 bit</td>
<td>8 bit</td>
<td>8 bit</td>
</tr>
<tr>
<td>Response Time</td>
<td>4ms</td>
<td>4ms</td>
<td>4ms</td>
<td>4ms</td>
</tr>
<tr>
<td>Life Span (Typical)</td>
<td>60,000 hrs</td>
<td>60,000 hrs</td>
<td>60,000 hrs</td>
<td>60,000 hrs</td>
</tr>
</tbody>
</table>

## BROADCASTING SYSTEM

- **Audio**
  - MD Engine: Yes
  - Video Codec: MPEG-2/4
  - Aspect Ratio: 16:9
  - Aspect Ratio Correction: 3 Modes
  - Just Scan Off over scan: Yes
  - HD Component Video In (Y, Pb, Pr) + L/R Audio: Yes
- **Video**
  - Remote Control: Yes
  - Speaker: 1 (1W mono)
  - HDMI/HDCP Input (V1.3 with Deep Color): Yes (4 ports, 2 ports PC mode)
  - 320H/60f/30f/24f: Yes
  - Game Port/MPI: Yes
  - Game Port (RJ12): Yes
  - Universal Remote Control: Yes
  - USB 2.0 Input: Yes
  - Kensington Security System Slot: Yes
  - Fire Retardant Cabinet Material: Yes
  - VESA ® Standard Mount Compatible (W xH): 200mm x 100mm
  - Dynamic/Static Power Savings: Yes
  - Stand-by Mode: Less than 1W
  - Voltage, Hz: 100V - 240V, 50/60Hz
  - Power Consumption: Max 110W, 100W (with Power Saving Modes Disabled)
  - RoHS Compliant: Yes

## AUDIO/VIDEO INPUTS/OUTPUTS

- **Audio**
  - Mono/Stereo/Dual (MTS/SAP): Yes
  - Digital Audio Out: Yes
  - HDMI/Component Audio/Video In: Yes
  - Audio Out Power: 10W x 2 [32", 37", 42"], 7W x 2 [26"
  - Dolby Digital 5.1 Decoder: Yes
  - Surround Sound Type: Infinite Sound
  - Bass/Treble/Balance Controls: Yes
  - Clear Voice: Yes
  - Auto Volume Leveler: Yes
  - EZ Sound Mode/SSM: 5 Modes

## SPECIAL FEATURES

- **Integrated ProIDio**
  - ProCentric Single Tuner (Java/Flash): Yes
  - b-LAN Embedded (Version 6.3 or up): Yes
  - MPEG4: Yes
  - Auto-Sensing RJP compatible: Yes
  - Commercial Mode Set Up Menu: Yes
  - TPC or MII: Protocol: Yes
  - TV/PC Mode: USB Cloning: Yes
  - USB Mode Host (RFP & MPI): Yes
  - Splash Image: Yes
  - Media Remote IR code (Bed1-9): Yes
  - HDMI Component: Yes
  - Audio Screen Adjust: Yes
  - FlashBack: Yes
  - Quick Setup Guide: Yes

## SPECIFICATIONS

**42" Class (42.0" Diagonal)**

- Parental Control w/VChip: Yes
- Key Lock: Child Lock: Yes
- Customizable Closed Caption/Subtitle: Yes

**CONVENIENCE FEATURES**

- Language: English/Spanish/French/Korean
- Auto Channel Add/Delete: Yes
- Auto/Manual Clock: Yes
- Auto Off/Auto Sleep: Yes
- On/Off Timer/Loop Menu: Yes
- Channel Add/Delete: Yes
- Auto Function Menu: Yes
- On/Off Timer: Yes
- TVL/BR: Enabled
- Channel Add/Delete: Yes
- Auto/Manual Clock: Yes
- Auto Off/Auto Sleep: Yes
- On/Off Timer/Loop Menu: Yes
- TVL/BR: Disabled

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