

47" CLASS (46.9" MEASURED DIAGONALLY)

42" CLASS (42.0" MEASURED DIAGONALLY)

37" CLASS (36.6" MEASURED DIAGONALLY)

32" CLASS (31.7" MEASURED DIAGONALLY)

47LT770H

42LT770H

37LT770H

32LT770H

LED TV



## Smart. Compatible. Customizable.

One of the smartest and most compatible Hotel Televisions in the industry.

### Pro:Centric<sup>®</sup> SMART

The finest and smartest mode of control and customization for Hotel TVs, LG Pro:Centric<sup>®</sup> Smart offers all the customizable tools needed to optimize a property's TVs with IP based programs including HTML5, Java and Flash. With this expansion of control comes the ability to provide premium hotel services without the need for a set-top box. Additionally, enhanced connectivity and display sharing are available to the guests with LG Smart TV technology.



Customizable UI HTML5 | Java | Flash

### Extend Connectivity



Enjoy and share content stored on your laptop, digital cameras, smart phones and other devices to your TV conveniently and seamlessly.

\*Video playback only - content on phones may be played on TV through the Smart Share app on compatible LG smartphones



Similar to a smart phone, LG's Pro:Centric smart TVs have Wi-Fi built-in, allowing greater connectivity and access to and from the TV.



The plug and play function with compatible Remote Jack Pack enables guests to view media from their portable devices on the TV screen seamlessly.

Compatibility:



**LG**  
Life's Good

LGsolutions.com



## Reduced Total Cost of Ownership



Using LG's optional Pro:Centric server, you can remotely manage cloning and channel mapping for TVs in guest rooms without having to visit each room.



EzManager's auto configuration function makes installation quick and easy. EzManager guides the installer to set up the TV with simple steps without having to set up the menu manually, saving time and cost.



## Effectively Manage In-Room TVs



The USB Cloning feature allows you to simply copy the TV settings onto all TVs using a USB stick, a process that is fully automated to save time without having to set each TV one by one.



## Pro:Centric Applications Platform

The LT770H is the latest in the line of Pro:Centric Televisions that provides a unique and dedicated hotel data broadcasting platform for hosting of LG's SIs System Integrators interactive applications, enabling delivery for a wide range of custom applications tailored to both hotel management and guest needs.

The LT770H extends the choice of applications available to hoteliers through the introduction of HTML5 support in addition to the current Adobe Flash-Lite and Java support. The LT770H is also a full IPTV platform with built-in IP video decoding supporting both IP and RF connectivity. Leveraging the Pro:Centric IPTV platform may allow system integrators their STB (Set Top Box) client software directly into the Television, eliminating the need for the additional STB hardware.

The LT770H supports embedded Wi-Fi for streaming of content to the Television or back channel communications, or can be used simply as an access point.

The LT770H platform includes support tools for the SIs to manage their systems such Simple Network Management Protocol (SNMP), to enable monitoring of the TV's on the network by the head-end or cloud based server for maintenance and admin purposes. The Wake-on-LAN features allows the TV to communicate in a background mode while the TV is powered off and without disruption to the guest, providing the ability to deliver remote software updates from the head end server.

### The LT770H Pro:Centric Applications Platform



Main Welcome Portal



Channel Guide  
Simple Channel List. Select the broadcast logo to watch your selected TV program



Remote Help  
Learn how to use the Remote controller with easily accessible menu on TV



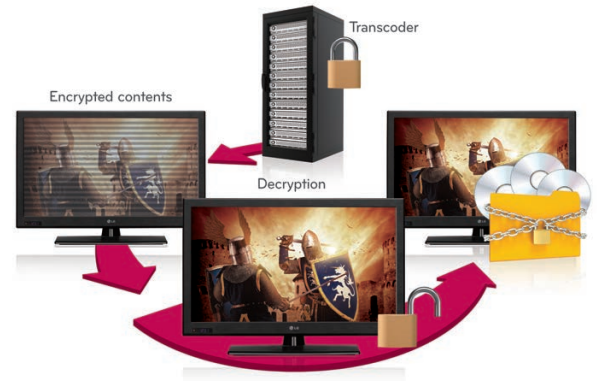
Language  
Access the system in multiple languages for international guest service from various nations.

## Pro:Idiom®

### Global Leading Digital Rights Management System

Pro:Idiom unlocks access to premium content to help assure rapid and broad deployment of HDTV and other high value digital content.

Pro:Idiom has been designed specifically for users of premium HDTV content from cable, satellite, or video on demand (VOD) services, and is thus designed to lower costs and reduce maintenance needs. This leading DRM system is embraced for its security solution, which prevents illegal copying of copyrighted content.



## LG's Free-To-Guest Cost Effective Solution

When using LG televisions in 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 Appliance (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	<sup>2</sup> 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

<sup>2</sup> MAP price subject to change.

### Free-To-Guest Remote Management Devices

#### 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...)

#### 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.





LIFE'S GOOD...

## WHEN IT'S GREEN.

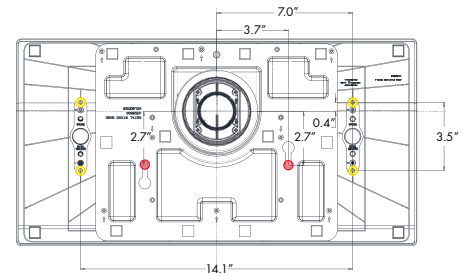
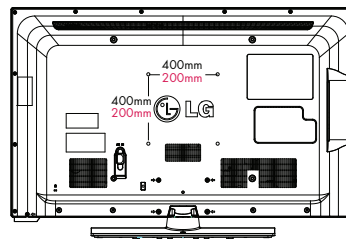
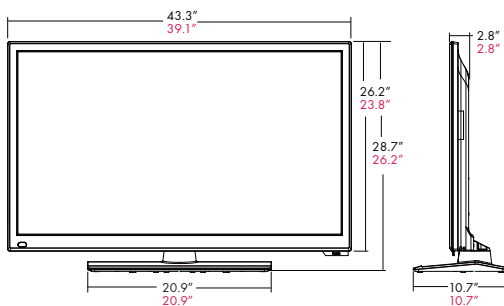
LG is committed to improving product development, manufacturing and usage to meet the demand for products with environmentally friendlier features. Our LT770H televisions have technologies to reduce power consumption and in return increase **cost savings** per room.

### EcoSmart

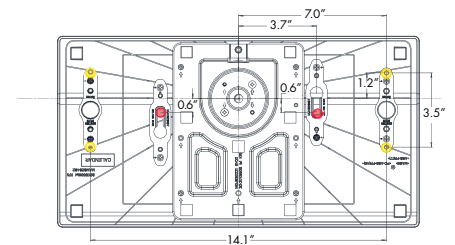
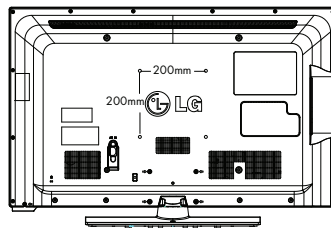
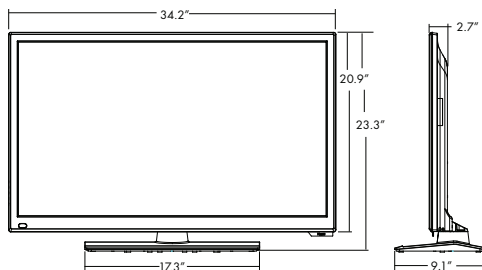
- **Intelligent Sensor** - Continually monitors room light conditions to automatically optimize the picture quality for a more enjoyable viewing experience, which can help save energy.
- **Dynamic Power Savings** - Using built-in algorithms, TV will automatically reduce the power consumption based on 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.
- **Energy Star 5.3 Qualified** - Meets current reduction requirements of energy consumption.

## Dimensions

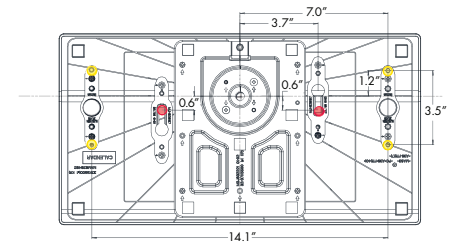
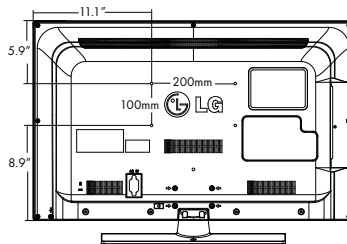
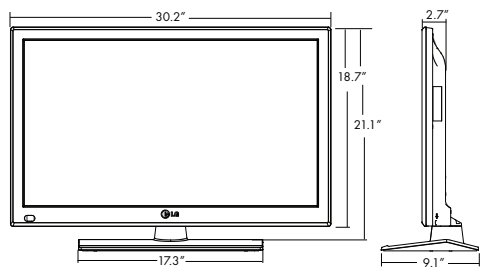
### 47LT770H/42LT770H



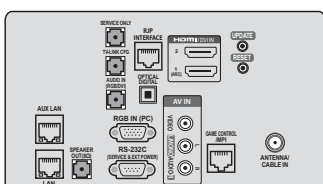
### 37LT770H



### 32LT770H



### REAR JACK PANEL



### SIDE JACK PANEL



### Anti-Theft System

**Kensington Lock**  
LG Hotel TVs are protected by the reliable solution the Kensington Lock.



The Anti-theft system provides security to prevent TVs theft. Consisting of a Kensington Lock, a Credenza and Lock Down Plate.

### Credenza Hole

Lock the TV stand to the furniture it is placed on.



### Lock Down Plate

Lock the TV firmly to the TV stand without the need for screws or bolts.





47LT770H  
42LT770H  
37LT770H  
32LT770H

# SPECIFICATIONS

47" CLASS (46.9" MEASURED DIAGONALLY)  
42" CLASS (42.0" MEASURED DIAGONALLY)  
37" CLASS (36.6" MEASURED DIAGONALLY)  
32" CLASS (31.7" MEASURED DIAGONALLY)

## PANEL

LED Backlighting	Edge lit
LCD Panel Type	47" class (46.9" measured diagonally) 42" class (42.0" measured diagonally) 37" class (36.6" measured diagonally) 32" class (31.7" measured diagonally)
Native Display Resolution	1920 x 1080 (FHD) (47", 42", 37") 1366 x 768 (HD) (32")
Dynamic Contrast Ratio	4,000,000:1
Viewing Angle (HxV)	178°/178°
Response Time (G to G)	8ms (47", 42", 37"), 9ms (32")
Frame Rate	60Hz
<b>VIDEO</b>	
Built-In Tuner	ATSC/NTSC/Clear QAM
MPEG2/MPEG4	Yes
XD Engine	Yes
24p Real Cinema (24p 5:5/2:2 Pull down)	Yes
Eye Care (Anti Dazzling)	Yes

## AUDIO

Audio Power	20W (10W x 2)
Speaker System	1 Way 2 Speakers
Surround System	Infinite Sound
Invisible Speaker	Yes
Clear Voice II	Yes

## SPECIAL FEATURES

Pro:Centric Platform	Yes (Supports Java/Adobe Flash/HTML 5 application)
Hybrid Streaming (IP & RF)	Yes
RF	2 Tuner
EzManager	Yes
Preloaded APP (Pro:Centric® Smart)	Yes (Update)
Pro:Idiom	Yes
WOL	Yes
SI Compatible (TVLink Protocol)	Yes (MPI protocol)
Embedded b-LAN	Yes
WiFi	Yes (built-in)
WiDi	Yes
Content Share	Yes (Smart Share)
IR Out	Yes (MPI Jack)
SIMPLINK	Yes
External Speaker Out	Yes (Variable, 3.5mm, Stereo, 1W with 8Ω)
RJP Interface	Yes (RJ45, HDMI)
RJP Compatibility	LG (RJ45), Teleadapt/Guestlink (HDMI CEC)
PIP	Yes (except HDMI-HDMI, AV-AV)
External Power	Yes (RS-232C, 12V/1.0A)
USB (2.0)	Yes
Moving Picture Playback (SD/HD/Plus HD)	Divx HD
Audio Codec	AC3 (Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM, DTS
USB Cloning	Yes
WOL (Wake on LAN)	Yes
One Channel Map/Logical Channel Map	Yes
SNMP	Yes
Multi IR Code	Yes
Welcome Screen (Splash Image)	Yes
Auto Off / Auto Sleep	Yes
Video Mute	Yes
Smart Energy Saving	Yes (Backlighting)
Intelligent Sensor	Yes
Anti-theft System	Yes
Kensington Lock	Yes
Credenza/Security Screw Hole	Yes
Lock Down Plate (for easy installing)	Yes

## INPUTS/OUTPUTS

USB (2.0)	2 Side
RF In	1 Rear
AV In	1 Rear
Digital Audio Out (Optical)	1 Rear (Optical)
HDMI/HDCP Input	2 Rear / 1 Side



The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for models 47LT770H, 42LT770H, and 37LT770H are \$16, \$13, & \$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)).



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Channel: 800.897.8871  
Hospitality: 800.228.1236  
E-mail: [info@LGolutions.com](mailto:info@LGolutions.com)

SPEC\_LT770Hseries\_051308\_PR

RGB In (D-sub 15 pin) - PC	1 Rear
PC Audio Input	1 Rear
RS-232C	1 Rear (SVC, Power outlet 12V)
LAN Port	2 Rear
RJ45 (RJP Interface)	1 Rear
External Speaker Out (3.5mm phone jack)	1 Rear
Game Port/MPI Jack	1 Rear

## CABINET

Dimensions with Stand (W×H×D)	43.3" x 28.7" x 10.7" (47") 39.1" x 26.2" x 10.7" (42") 34.2" x 23.3" x 9.1" (37") 30.2" x 21.1" x 9.1" (32")
without Stand (W×H×D)	43.3" x 26.2" x 2.8" (47") 39.1" x 23.8" x 2.8" (42") 34.2" x 21.0" x 2.7" (37") 30.2" x 18.7" x 2.7" (32")

Unit Weight	with Stand 38.1 lbs (47") 34.2 lbs (42") 24.7 lbs (37") 20.3 lbs (32")	without Stand 33.7 lbs (47") 29.8 lbs (42") 22.0 lbs (37") 17.6 lbs (32")
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Packaging (W×H×D)	51.7" x 30.9" x 5.7" (47") 46.5" x 29.3" x 5.4" (42") 44.1" x 26.0" x 5.5" (37") 38.1" x 23.0" x 5.7" (32")
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Weight with Packaging	48.3 lbs (47") 41.7 lbs (42") 30.2 lbs (37") 26.0 lbs (32")
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Table Stand Included	±90° Swivel
Color	Flat Black

VESA Standard Mount Interface	400 x 400mm (47") 200 x 200mm (42", 37") 200 x 100mm (32")
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Flame Retardant	Yes (Back Cover only)
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## REQUIRED LISTINGS

UL, c-UL, NOM	Yes
ENERGY STAR 5.3	Yes
RoHS Compliant	Yes
CEC Compliant	Yes

## UPC

32LT770H	7 19192 90411 8
37LT770H	7 19192 90412 5
42LT770H	7 19192 90413 2
47LT770H	7 19192 90414 9

## POWER

Power Source	100~240V 50/60Hz
Stand-by	Under 1W
Power Consumption (typ.) with Power Saving Modes Disabled	72.7W (47"), 57.9W (42"), 52.3W (37"), 39.1W (32")

## EcoSmart

Intelligent Sensor & Backlight Control	Yes
Dynamic Power Savings	Yes
Static Power Savings	Yes

## SERVICE/LIMITED WARRANTY

Limited Warranty	2 Years (parts/labor/backlight)
Remote Jack Panel Compatibility (RJP)	G-LINK teleadapt LG

## Compatible Interactive systems



All screen images are simulated. Dimensions and weights are approximate. Design, features and specifications subject to change without notice.

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LED TV is LCD TV with LED backlighting

