

Pro:Centric® Smart IPTV Premium Slim Direct LED TV with Integrated Pro:Idiom®

▶ **60LY970H**

60" class (59.5" measured diagonally)

▶ **55LY970H**

55" class (54.64" measured diagonally)

▶ **47LY970H**

47" class (46.96" measured diagonally)

▶ **42LY970H**

42" class (41.92" measured diagonally)



Smart. Connected. Customizable.

One of the smartest and most flexible Hotel Television platforms in the industry.

PREMIUM SLIM DESIGN



SECOND SCREEN CONNECTIVITY / SHARING

SMARTSHARE



The LY970H is designed for "second screen" support and options includes Wi-Di™, Wi-Fi Direct™ and Smart Mirroring technologies, which are used to pair guests' mobile devices with the TV enabling them to share and view their content on the large HD screen.

REMOTE DIAGNOSIS



LG's IPTV's support enhanced diagnostics tools, enabling remote monitoring and fault analysis of the TVs and content delivery system via partner's application.

SMART CUSTOMIZATION

LG Pro:Centric® Smart offers SI's the ability to customize and optimize a property's TVs with interactive IP-based applications including HTML5, Java and Flash programs. With this expansion of control comes the ability to provide premium hotel services without the need for a separate set-top box. Additionally, enhanced connectivity and second-screen sharing are available to the guests with LG Smart TV technology.

CUSTOMIZABLE UI



PRE-LOADED APPLICATIONS



Embedded Applications include: Accuweather, Google Maps, Web Browser, Youtube, and vTuner (other applications may be added in the future, subject to licensing terms).

HISTORY AUTO-DELETE



LG's commercial grade IPTV's automatically delete guests private log-on credentials from embedded applications at power-off and also provides a further level of control for SI partners applications via the HCAP middleware layer to control deletion at guest check-out time.

WEB BROWSER



Let your guests surf the internet just like at home with LG's optional easy-to-use 'Magic' Remote Control and embedded web-browser function.

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.

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.

FREE Interactive Electronic Program Guide Service for Pro:Centric® TVs!

Plan Highlights

If your property has purchased or plans to purchase LG's Pro:Centric® TVs, you qualify for a free Electronic Program Guide (EPG) that allows guests to easily navigate TV channels and programs - just like they do at home.

Participating properties must purchase and install a Pro:Centric® server and supply an internet connection for daily program updates. Properties must also contract with an LG authorized partner to install and program the server to match your Free-to-Guest (FTG) channel line up.

FREE program guide service runs until Dec. 2017, replacing the current programming fee of \$1.50 per room per month.

Contact your LG sales representative or visit LG.com/us/commercial/display-discover/epg/index.jsp



Pro:Centric Applications Platform

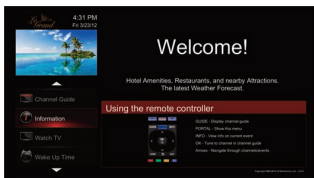
The LY970H is the latest in the line of Pro:Centric Televisions that provides a unique and dedicated hotel application platform for hosting LG's SI (System Integrator) Partners interactive applications, enabling delivery for a wide range of custom applications tailored to both hotel management and guest needs.

The LY970H extends the choice of interactive systems available to hoteliers through the introduction of HTML5 support in addition to the current Adobe Flash-Lite and Java support. The LY970H is also a full IPTV platform with built-in IP video decoding supporting both IP and RF connectivity. Leveraging the Pro:Centric IPTV platform enables SI Partners to integrate their STB (Set Top Box) client software directly into the Television, eliminating the need for the additional STB hardware and reducing associated capital and support costs.

The LY970H supports embedded Wi-Fi for streaming of content to the Television or back channel communications.

The LY970H platform also includes remote diagnostic tools for partners to manage their systems and monitor the TV's on the network by the head-end or cloud based server for maintenance and admin purposes. The Wake-on-LAN feature 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.

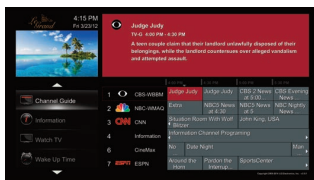
The LY970H Pro:Centric Applications Platform



Portal Welcome Page



Custom Billboards



EPG Option



Weather Billboard

Avoid Room Visits with LG's TV Remote Management Solution

When using LG televisions in Free-To-Guest hotel installations there are now two head-end device 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	MSRP	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		\$2,900 (FMA)	\$2,250	\$17,100
LG Pro:Idiom TV with Pro:Centric Server		\$1,750 (PCS150R)	\$1,750	\$18,250

MSRP subject to change. Installation not included.

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.



green LIFE'S GOOD...

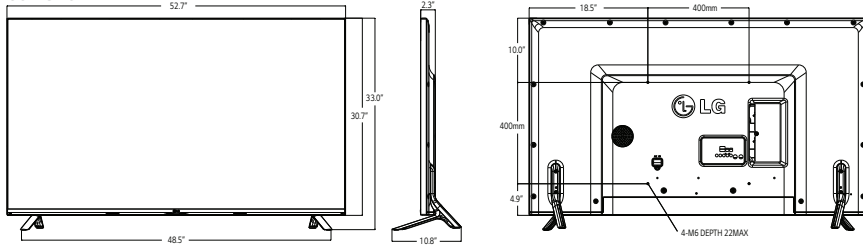
when it's green.

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

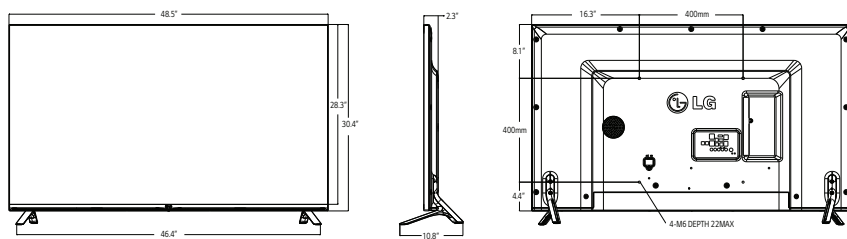
EcoSmart

- **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 6.1 Qualified** - Meets current Environmental Protection Agency's television product specifications.

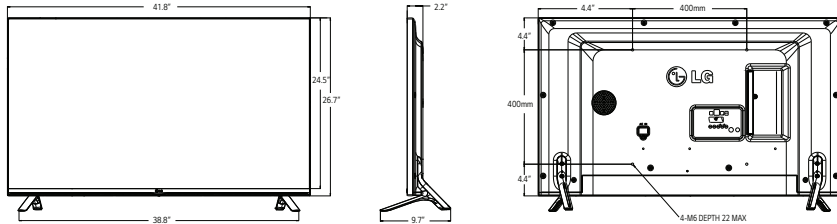
60LY970H



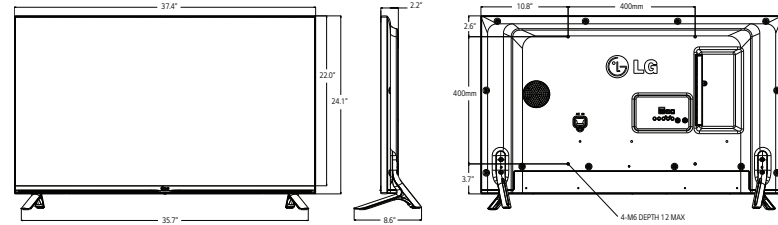
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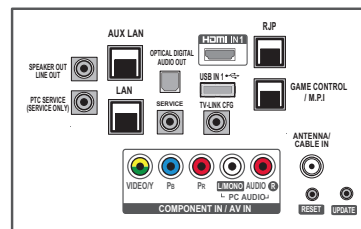
47LY970H



47LY970H



REAR JACK PANEL



SIDE JACK PANEL



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PANEL	Model	60LY970H	55LY970H	47LY970H	42LY970H
	Panel Technology	Edge lit LED			
	Panel Size	60" Class (59.5" meas. diag.)	55" Class (54.64" meas. diag.)	47" Class (46.96" meas. diag.)	42" Class (41.92" meas. diag.)
	Native Resolution	1920 x 1080 (FHD)			
	Dynamic CR	2,000,000:1			
	Static (Panel) Contrast Ratio	1,400			
	Viewing Angle (HxV)	178°/178°			
	Response Time	8ms	TR: 8ms/Tf: 10ms		
	Frame Rate	120Hz			
BROADCASTING SYSTEM	Analog	Yes (NTSC)			
	Digital	Yes (ATSC / Clear QAM/USB)			
VIDEO	Triple XD Engine	Yes			
	Dynamic Color Enhancer	Yes			
	Aspect Ratio	Yes, 5 modes (16:9, Just Scan, Set By Program, 4:3, Zoom)			
AUDIO	Audio Output	12W + 12W			
	Speaker System	2.1 ch			
	Sound Mode	Yes, 6 Modes (Standard, News, Music, Cinema, Sport, Game)			
	Smart Sound Mode	Yes			
	Optical Sound Sync	Yes			
	Wireless Sound Sync	Yes			
	apt-X codec	Yes			
	Sound Expansion	Yes			
	Sound Optimizer	3 modes (Off, Wall-Mount Type, Stand Type)			
	Clear Voice II	Yes			
	Subwoofer	Yes			
SPECIAL FEATURES	Pro:Centric	Yes			
	Hybrid Streaming (P & RF) MultiCast/HTTP Data Carousel	Yes			
	RF (1/2 Tuner)	Yes (2 Tuner)			
	Pro:Centric Application	Yes (PCA 3.0)			
	HCAP (GEM/FLASH/HTML)	Yes			
	Auto Configuration	Yes (EzMangager)			
	Remote Diagnosis	Yes			
	Multicast/Unicast ready	Yes			
	IP Streaming	Yes (RTSC, HLS, SNMP, UDP/MultiCast, USB Port/Video Streaming support (Smartshare) (8IGMPv3 SSM Support)			
	APP (P.C Smart)	Yes (Commercial CP/Apps)			
	Web Browser	Yes			
	webOS	Yes			
	Remote App Compatibility	Yes			
	DLNA (Movie/Photo/Music)	Yes (Smart Share)			
	WiDi (PC to TV)	Yes			
	Miracast (Mobile to TV)	Yes			
	WiFi Direct	Yes			
	MHL	Yes			
	HDMI-CEC	Yes			
	HTNG-CEC	Yes			
	ProIdiom	Yes			
	SI Compatible (TVLink Protocol)	Yes (MPI protocol)			
	b-LAN	Yes			
	WiFi	Yes (Built-in type)			
	3D	Yes			
	Hotel Mode / PDM / Installer Menu	Yes (Installer Menu)			
	IR Out	Yes (MPI Jack)			
External Speaker Out	Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GNDL+R+), 1W with 8Ω)				
Multi IR Code	Yes				
RJP Interface	Yes (RJ45, HDMI)				
RJP Compatibility	Yes LG, Teledapt (RJ45, HDMI CEC), G-Link (HDMI-CEC)				
USB	Yes (USB 2.0)				
Moving Picture Playback (SD/HD/PlusHD)	Divx HD				

SPECIAL FEATURES (Cont.)	Model	60LY970H	55LY970H	47LY970H	42LY970H	
Picture		JPEG				
USB Cloning		Yes				
One Channel Map / Logical Channel Map		Yes (LCM)				
Welcome Screen (Splash Image)		Yes				
Auto Off/Auto Sleep		Yes				
Video Mute		Yes				
Smart Energy Saving (Auto Power Off)		Yes				
Motion eye care (Intelligent Sensor)		Yes				
INTERFACE (Side)	HDMI In	2 Side				
	USB (2.0)	1 Side				
INTERFACE (Rear)	RF In	1 Rear				
	AV In	1 Rear (Sharing with Component in)				
	Component in (YPbPr) + Audio	1 Rear				
	Digital Audio Out (Coaxial / Optical)	1 (Optical)				
	HDMI/HDCP Input	1 Rear				
	USB 2.0	1 Rear				
	PC Audio Input	1 Rear (Sharing with Component in)				
	RS-232C (D-Sub 9pin)	1 Rear (Phone Jack)				
	LAN Port	2 Rear				
	RJ45 (RJP interface)	1 Rear				
	External Speaker Out	1 Rear (3.5mm phone jack)				
	TV link Configuration (phone jack type)	1 Rear				
	PTC Configuration (phone jack type)	1 Rear				
	MPI Jack (RJ-12)	1 Rear				
	CABINET	Bezel Width (on Bezel) (mm) (L/R/U/B)	8.8mm/8.8mm/26.5mm			
		Bezel Width (off Bezel) (mm)	1.0mm/1.0mm/24.7mm			
	With Stand	52.7" x 33.0" x 10.8"	48.5" x 30.4" x 9.7"	41.8" x 26.7" x 9.7"	37.4" x 24.1" x 8.6"	
Weight	48.1 lbs	41.7 lbs	29.1 lbs	22.7 lbs		
Without Stand	52.7" x 30.7" x 2.3"	48.5" x 28.3" x 2.2"	41.8" x 24.5" x 2.2"	37.4" x 22.0" x 2.2"		
Weight	47.0 lbs	40.8 lbs	28.2 lbs	22.0 lbs		
Carton	56.9" x 33.8" x 6.9"	51.7" x 31.0" x 6.2"	45.1" x 27.8" x 6.2"	41.7" x 26.0" x 6.0"		
Weight	60.6 lbs	54.5 lbs	38.4 lbs	28.7 lbs		
Color	Dark Titan / Stand : Black					
VESA™ Standard Mount Interface	400mm x 400mm					
Flame Retardant	Yes (Back Cover only)					
REQUIRED LISTINGS	Safety	cUL, UL, FCC, NOM				
	RoHS	Yes				
	Energy Star 6.0	Yes				
UPC	7 19192 91586 2	7 19192 91625 8	7 19192 91588 6	7 19192 91773 6		
POWER	Power Source	110 ~ 240V, 50/60Hz				
	Watts (Typical)	65.7W	58.4W	47.4W	45.6W	
	Stand-by	0.5W ↓				
WARRANTY	2-Year Limited Warranty (Parts/Labor)					
REMOTE JACK PANEL COMPATIBILITY (RJP)						
COMPATIBLE INTERACTIVE SYSTEMS (SEPARATE SET-UP BOX MAY BE REQUIRED)						
LED FULL HD 1080P Pro:Centric						
EMERGENCY CALL OUT						
USB CLONING						



The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for model 60LY970H, 55LY970H, 47LY970H, 42LY970H are \$15, \$13, \$10 and \$11.
 *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/
 †FTC Television labeling rule (18 CFR Part 305, as added by 76 Fed. Reg. 1038 (Jan 6, 2011)).

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 LED TV is LCD TV with LED backlighting