

## Hospital Grade Pro:Centric SMART Dual Tuner™ with Integrated Pro:Idiom®

### ▶ 42LY770M

42" class (41.92" diagonal)

### ▶ 32LY770M

32" class (31.51" diagonal)



### Safe and Convenient for All Users

#### HOSPITAL SAFETY STANDARD COMPLIANT



#### CONVENIENT FOR PATIENTS AND HOSPITAL STAFF



Nurse Call System

Pillow Speaker



Enjoy and share content stored on your laptop, digital cameras, smartphones and other devices to the TV seamlessly.

\*Video playback only - content on phones can play on the TV through the Smart Share app on compatible LG smartphones.



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



### Specifications

Designed Specifically for the Healthcare Industry

UL Hospital Grade Listed

New! Hospital Grade LED Slim Direct

Energy Star® 6.1 Qualified

RoHS Compliant

California Energy Commission (CEC) Compliant

Built-In Pillow Speaker Port

Built-In MPI Port

External Speaker Out

Expanded Pillow Speaker Compatibility

Supports multiple codes (Zenith, Philips, RCA)

Kensington Lock

Logical Channel Map

Exclusive Pro:Centric Applications Platform

Supports Java™ and Adobe® Flash® Applications  
(Pro:Centric Dual Tuner)

Remote Management of Television

Settings Using Pro:Centric SERVER (PCS200R)

Intelligent Sensor

Installer Menu

Multi IR Code

Integrated Pro:Idiom®

USB Cloning

2 Year Limited Warranty (parts and labor)



## 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 patient 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.

## EXPRESS SCRIPT

The Express Script Installer Menu Wizard enables users to customize essential items for viewing the TV the first time it is turned on.

## EFFECTIVELY MANAGE PATIENT 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.

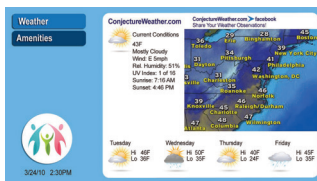
## Pro:Centric APPLICATIONS PLATFORM

**Interactive Patient Room Experience**  
An industry leading television that supports the Pro:Centric platform, LG's new LY770M allows healthcare facilities to customize the patient room experience. Pro:Centric provides an easy way for the LY770M to interface with interactive program guides, games and internet data feeds, as well as applications designed to connect patients to services such as dietary menus and patient room information.



\* May require additional software and hardware to support third party partner interactive systems or LG's own Free-To-Guest Pro:Centric Application.

## THE LY770M PRO:CENTRIC APPLICATIONS PLATFORM



\* May require additional software and hardware to support third party partner interactive systems or LG's own Free-To-Guest Pro:Centric Application.



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

When using LG televisions in Free-To-Guest hospital 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. LG's Pro:Centric server (PCS200R)

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

## FREE-TO-GUEST REMOTE MANAGEMENT DEVICES

### PCS200S

#### HEAD-END SYSTEM

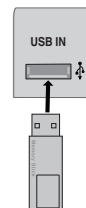


Remote management functions are also supported via the Pro:Centric server. The Pro:Centric Application software can be remotely added at a later date to deliver the benefits of LG's Applications features (Weather, EPG, Billboards...)

## CLONING OPTION

The LY770M Healthcare TV has a convenient time and expense saver feature. A select number of Commercial menu items are cloning capable. This allows the cloning of a master TV to all other TVs of the same model. This can be easily accomplished by using a standard USB memory device. This time saving technique will allow the installers to program the preferred commercial settings from a master TV to all the required target televisions in a hospital facility in a matter of just a few minutes per TV.

## CLONE USING A USB MEMORY DEVICE



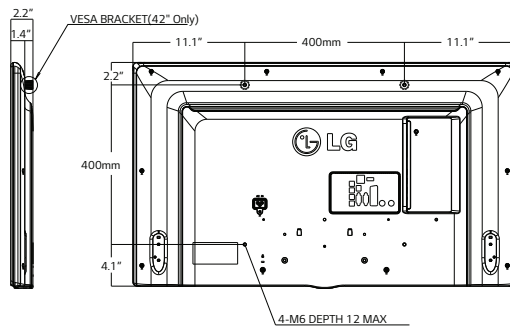
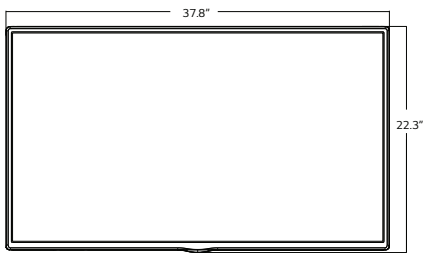
The Installer sets up a master TV with the preferred menu settings. A USB memory device is plugged into the master TV. Menu items are selected to "Learn From TV" and stored on the USB memory device. The USB stick is then plugged into a target TV. Menu items are selected to "Teach To TV". The USB device is then unplugged and is ready to engage with the next target TV.

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.

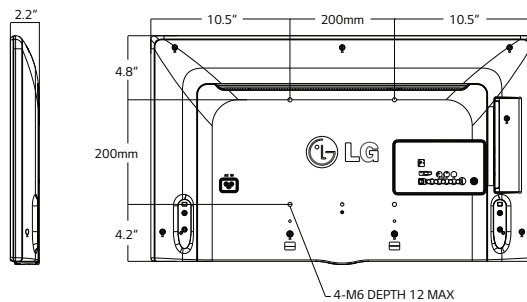
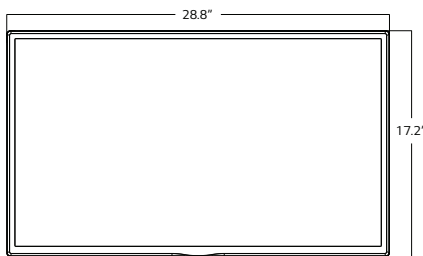
#### SMART TECHNOLOGY

- **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.

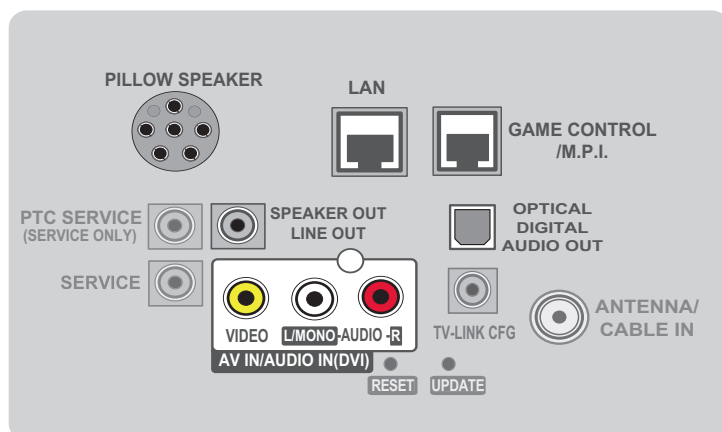
#### 42LY770M



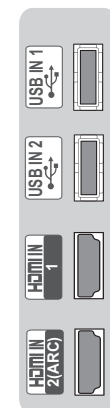
#### 32LY770M



#### Rear Jack Panel



#### Side Jack Panel



#### OPTIONAL ACCESSORY REMOTES

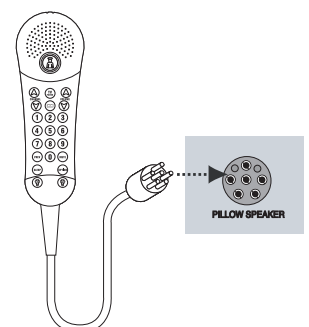
##### INSTALLER REMOTE INSTALLERRC



##### PATIENT BED 1/2 REMOTE PATIENTRC



#### PILLLOW SPEAKER ACCESS



# Hospital Grade Pro:Centric SMART Dual Tuner™ with Integrated Pro:Idiom

▶ 42LY770M

42" class (41.92" diagonal)

▶ 32LY770M

32" class (31.5" diagonal)



HEALTHCARE

PANEL	Model	42LY770M	32LY770M
	Panel Technology	Direct LED	
	Panel Size (Measured Diagonally)	42" Class (41.92" diagonal)	32" Class (31.51 diagonal)
	Native Resolution	1920 x 1080 (FHD)	
	Brightness	242 cd/m <sup>2</sup>	219 cd/m <sup>2</sup>
	Dynamic Contrast Ratio (Dynamic MCI (Hz))	2,000,000:1	1,000,000:1
	Static (Panel) Contrast Ratio	1200:1	
	Viewing Angle (HxV)	178°/178°	
	Response Time	9ms	8ms
	Frame Rate	60Hz	
BROADCASTING SYSTEM	Analog	Yes (NTSC)	
	Digital	Yes (ATSC /QAM/USB)	
VIDEO	Triple XD Engine	Yes	
	Aspect Ratio	Yes (5 Modes: 16:9, Just Scan, Set By Program, 4:3, Zoom)	
AUDIO	Audio Output	10W + 10W	
	Sound System	2.0 ch	
	Sound Mode	Yes (6 Modes: Standard, News, Music, Cinema, Sport, Game)	
	Smart Sound Mode	Yes	
	Optical Sound Sync	Yes	
	Wireless Sound Sync	Ready	
	Sound Optimizer	Yes (3 Modes: Off, Wall-Mount Type, Stand Type)	
	Clear Voice II	Yes	
	Pro:Centric	Yes (Smart)	
SPECIAL FEATURES	Hybrid Streaming (IP & RF)	Yes	
	MultiCast/HTTP Data Carousel	Yes	
	Pro:Centric Application	Yes (PCA3.0)	
	RF (1/2Tuner)	Yes (2 Tuner)	
	HCAP (GEM/FLASH)	Yes, GEM/FLASH	
	HCAP Input device driver support	Yes (USB Mouse, USB Keyboard, Magic Remote, USB Camera, Remote App)	
	Auto Configuration	Yes (EzManager/Express Script)	
	Remote Diagnosis	Yes	
	IP Streaming	Yes (RTSP, HLS, SNMP, UDP/MultiCast, USB Port/Video Streaming support (Smartshare) ( IGMPv3 SSM Support)	
	Commercial Smart UX (Smart Home / Input)	Yes	
	Commercial Smart Home	Yes	
	APP (P-C Smart)	Yes (Commercial CP/Apps)	
	Web Browser	Yes	
	Smart Share	Yes	
	DLNA (Movie/Photo/Music)	Yes (Smart Share)	
	WiDi (PC to TV)	Yes	
	Miracast (Mobile to TV)	Yes	
	WiFi Direct	Yes	
	HTNG-CEC 1.3	Yes	
	Pro:Idiom	1 Side	
	SI Compatible (TVLink Protocol)	Yes (MPI protocol)	
	b-LAN	Yes	
	WiFi	Yes (Built-in type)	



The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for models 42LY770M and 32LY770M are \$13 and \$8 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> FTC Television labeling rule (18 CFR Part 305, as added by 76 Fed. Reg. 1038 (Jan 6, 2011)).

SPECIAL FEATURES (CONT.)	Model	42LY770M	32LY770M
	Hotel Mode / PDM / Installer Menu	Yes	
	IR Out	Yes (MPI Jack)	
	External Speaker Out	Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 1W with 8 )	
	RJP Interface	Yes	
	RJP Compatibility	Yes (LG,Teledapt (HDMI CEC), G-Link(HDMI-CEC))	
	USB	Yes (USB 2.0)	
	Moving Picture Playback (SD/HD/Plus HD)	Divx HD	
	Picture	JPEG	
	Audio Codec	Yes AC3 (Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM	
	USB Cloning	Yes	
	One Channel Map / Logical Channel Map	Yes	
	Multi IR Code	Yes	
	Welcome Screen (Splash Image)	Yes	
	Auto Off / Auto Sleep	Yes	
	Video Mute	Yes	
	Smart Energy Saving (Auto Power Off)	Yes	
	Intelligent Sensor	Yes	
	Kensington Lock	Yes	
	Pillow Speaker	Yes	
INTERFACE (SIDE)	HDMI In	2 Side	
	USB (2.0)	2 Side	
INTERFACE (REAR)	RF In	1 Rear	
	AV In	1 Rear	
	Digital Audio Out	1 Rear (Optical)	
	PC Audio Input	1 Rear	
	LAN Port	1 Rear	
	External Speaker Out	1 Rear (3.5mm phone jack)	
	Pillow Speaker Interface (6pin)	1 Rear	
	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)(mm)(L/R/U/B)	11mm, 11mm, 16.5mm	12mm, 11.6mm, 16.6mm
	Depth (off)(mm)(L/R/U/B)	8.5mm, 8.5mm, 14mm	10.5mm, 10mm, 14.0mm
	Without Stand	37.8" x 22.3" x 2.2"	28.8" x 17.2" x 2.2"
	Weight	20.3 lbs	13.2 lbs
	Carton	41.7" x 28.7" x 6.4"	32.1" x 20.1" x 7.5"
	Weight	25.0 lbs	15.9 lbs
	Color	Metallic Titan	
	VESA™ Standard Mount Interface	400mm x 400mm	200mm x 200mm
	Flame Retardant	Yes	
	Safety	cUL, UL, FCC, NOM	
REQUIRED LISTINGS	RoHS	Yes	
	ENERGY STAR®	No	ENERGY STAR® Qualified
UPC		7 19192 91775 0	7 19192 91774 3
POWER	Voltage, Hz	120V	
	Watts (Typical)	58 W	37 W
	Stand-by	0.5 W	
WARRANTY	2-Year Limited Warranty (Parts/Labor)		



Pro:Centric SMART

Pro:Idiom



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