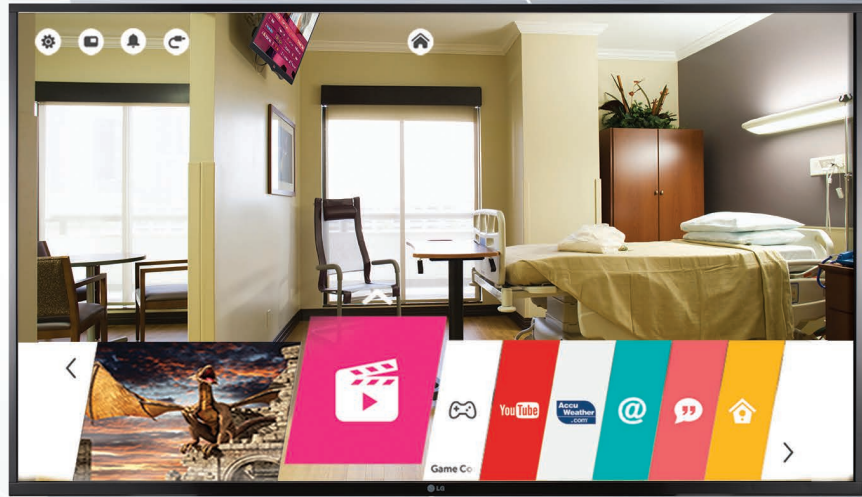# LX774M Hospital Grade Pro:Centric SMART TV
with Integrated Pro:Idiom and *b*-LAN™

HEALTHCARE

▶ **55LX774M**
55" class (54.5" diag)

▶ **43LX774M**
43" class (42.5" diag)

▶ **32LX774M**
32" class (31.8" diag)

KniTec

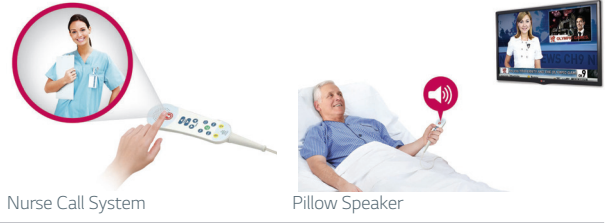(866) 469-7111 toll free   sales@knitec.com   www.knitec.com

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SAFE AND CONVENIENT FOR ALL USERS

HOSPITAL SAFETY STANDARD COMPLIANT

SAFETY

UL listed Mark

CONVENIENT FOR PATIENTS AND HOSPITAL STAFF

Nurse Call System   Pillow Speaker

smart Share™

Easily share and enjoy content from your laptop, smartphones, digital cameras and other compatible devices seamlessly to the TV*.

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

Wi-Fi DIRECT
Wi-Fi

Intel WiDi
WiDi

Miracast™
Miracast

Wi-Fi BUILT-IN

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

SPECIFICATIONS

Designed Specifically for the Healthcare Industry

UL Hospital Grade Listed

RoHS Compliant

California Energy Commission (CEC) Compliant

Built-in Pillow Speaker Port

Built-in MPI Port

TV Speaker Disable

Built-in Pillow Speaker Compatibility
Supports multiple codes (Zenith, Philips, RCA)

Express Script or EZ-Manager Setup

LG's Exclusive Pro:Centric Application Platform

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

Remote Management of Television
Using Pro:Centric server (PCS200S)

Dynamic/Static Power Savings

Multi IR Code Support

Integrated Pro:Idiom® Digital Rights Management Technology

Splash Screen Image/Logo (On Startup)

Customized Welcome Screen
(Pro:Centric application feature)

MPEG-2 / MPEG-4 H.264 Decoding

USB Cloning

On-site 2 Year Limited Warranty (parts and labor)

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LG

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 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

EZ-MANAGER
The EZ-Manager's auto configuration function makes installation quick and easy. The EZ-Manager guides the installer to set up the TV with simple steps, helping to save time.

EXPRESS SCRIPT
The Express Script provides streamlined configuration of the TV for Free-To-Guest (FTG) Mode via CPU operation (including pillow speaker setup) and also provides the option to configure the TV for Pro:Centric operation.

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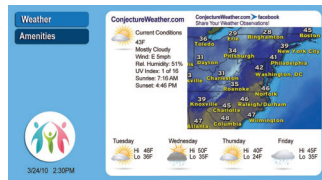
Pro:Centric®

PRO:CENTRIC APPLICATION PLATFORM

Interactive Patient Room Experience
An industry leading television that supports the Pro:Centric platform, LG's new LX774M allows healthcare facilities to customize the patient room experience. The Pro:Centric application allows you to create your own content and manage multiple channels, which can be specialized for your hospital. Pro:Centric also provides an easy way for the LX774M 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 Free-To-Guest Mode/Pro:Centric application.
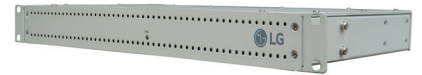
THE LX774M PRO:CENTRIC APPLICATION PLATFORM

LG'S FREE-TO-GUEST SOLUTION

When these TVs are configured for LG's Free-To-Guest Mode of operation (either via CPU or EBL), remote management options are available, as described below. With remote management, individual room visits are no longer required for TV configuration updates, including FTG Channel Map and FTG Installer Menu settings updates.

FREE-TO-GUEST REMOTE MANAGEMENT HEAD END DEVICES

PRO:CENTRIC SERVER

Remote management of the FTG Channel Map and FTG Installer Menu settings may be provided by a Pro:Centric server. The Pro:Centric server Admin Client web editor/content wizard also enables users to remotely update the Pro:Centric application features.

FREE-TO-GUEST MANAGEMENT APPLIANCE

LG's Free-To-Guest Management Appliance (FMA) delivers the FTG Channel Map to the patient rooms, via the hospital's RF distribution.

CLONING USING A USB MEMORY DEVICE

USB CLONING
The LX774M Healthcare TV has a convenient time and expense saver feature. Installer Menu settings, along with a select number of setup menu features are cloning capable, and an FTG Channel Map may also be cloned.

Cloning typically refers to the process of using a Master TV Setup to configure a Target TV. The installer sets up the Master TV with preferred menu settings, and then saves (exports) the settings to a file on the USB memory device. This file may then be transferred (imported) to the Target TV(s) via the same USB device.

This time saving technique will allow the installers to configure each LX774M TV in the hospital facility in a matter of just a few minutes per 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

Dynamic Power Savings - Using built-in algorithms, TV will automatically reduce the power consumption based on incoming video, while maximizing picture performance.
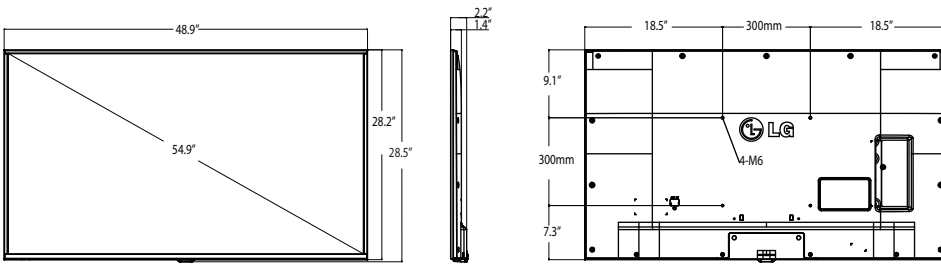**Static Power Savings** - Picture brightness level can be set at the preferred power consumption level to reduce power and increase energy savings.
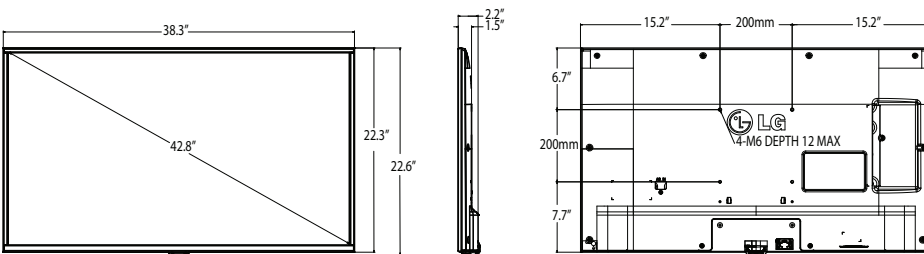
COMPLIANCE

CEC Compliant - Meets the Appliance Efficiency Regulations of the California Energy Commission.
RoHS Compliant - Meets directive on restriction of hazardous substances.
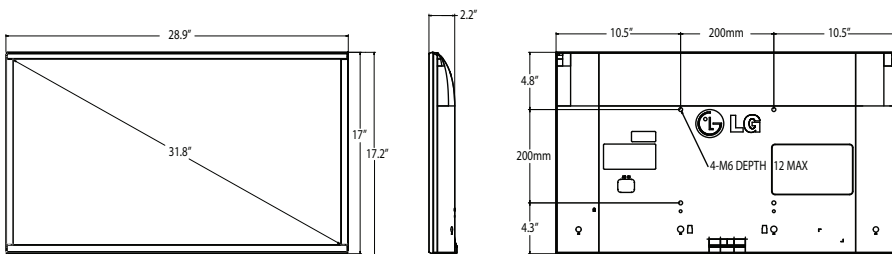
55LX774M

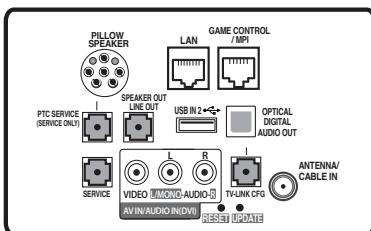

43LX774M

32LX774M

Rear Jack Panel

Side Jack Panel

OPTIONAL ACCESSORY REMOTES

INSTALLER REMOTE
INSTALLERRC

PATIENT MULTI-BED REMOTE
PATIENTRC

PRO:CENTRIC PILLOW SPEAKER

LX774M

Hospital Grade Pro:Centric SMART TV Dual Tuner with Integrated Pro:Idiom and *b*-LAN

▶ **55LX774M** — 55" class (54.5" diag)

▶ **43LX774M** — 43" class (42.5" diag)

▶ **32LX774M** — 32" class (31.8" diag)

HEALTHCARE

PANEL	MODEL	55LX774M	43LX774M	32LX774M
	Size	55" class (54.5" diag)	43" class (42.5" diag)	32" class (31.8" diag)
	Backlight Type	Edge		LED-L
	Resolution	1920 x 1080 (FHD)		
	Dynamic Contrast Ratio (Dynamic MCI (Hz))	1,000,000:1		
	Static (Panel) Contrast Ratio	1200:1		
	Viewing Angle Degree	178/178		
	Response Time (G to G)	9ms	8ms	7ms
	Frame Rate	60Hz		
BROADCASTING SYSTEM	Analog	Yes (NTSC)		
	Digital	Yes (ATSC)		
	Terrestrial	VSB		
	Cable	Clear QAM		
VIDEO	Triple XD Engine	Yes		
	Dynamic Color Enhancer	Yes		
	Real Cinema 24p (3:3 pull down)	Yes		
	Aspect Ratio	Yes 6 modes (16:9, Original, 4:3, Vertical Zoom, All-Direction Zoom, Just Scan)		
AUDIO	Audio Output	10W + 10W		5W + 5W
	Speaker System	2.0 ch		
	Sound Mode	Yes 6 modes (Standard, Cinema, Clear Voice III, Sports, Music, Game)		
	Smart Sound Mode	Yes		
	Optical Sound Sync	Yes		
	Wireless Sound Sync	Yes		
FEATURE	Pro:Centric	Yes (Smart)		
	Hybrid Streaming (IP & RF)	Yes		
	MultiCast/HTTP Data Carousel	Yes		
	Pro:Centric Application	Yes (PCA3.7.5)		
	RF (1/2Tuner)	Yes (2 Tuner)		
	HCAP (GEM/FLASH/HTML) Service Carousel (TLX)	GEM / Flash / HTML		
	HCAP Input device driver support	Yes (USB Mouse, USB Keyboard, Magic Remote, USB Camera, Remote App)		
	Auto Configuraiton	Yes (EzMangager/Express Script)		
	Remote Diagnosis	Yes		
	Multicast/Unicast ready	Yes		
	IP Streaming	Yes (RTSC, HLS, SNMP, UDP/MultiCast, USB Port/Video Streaming support (Smartshare) (IGMPv3 SSM Support)		
	Commercial Smart UX	Yes (Smart Home / Input)		
	Commercial Smart Home	Yes		
	APP(P:C Smart)	Yes (Commercial CP/Apps)		
	Web Browser	Yes		
	Remote App compatibility	Yes		
	Smart Share	Yes		
	DLNA (Movie/Photo/Music)	Yes (Smart Share)		
	Wi-Di (PC to TV)	Yes		
	Miracast (Mobile to TV)	Yes		
	Wi-Fi Direct	Yes		
	Google DIAL	Yes		
	HDMI (Simplink)	Yes		
	HTNG	Yes		
	Multi DRM	Yes		
	Instant ON	Yes		
	WOL	Yes		
	SI Compatible	Yes (MPI protocol)		
	b-LAN	Yes		
	WiFi	Yes (Built-in type)		
	Soft AP	Yes		
	IR Out	Yes (MPI Jack)		

FEATURE	MODEL	55LX774M	43LX774M	32LX774M
	External Speaker Out	Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GND,L+,R+), 1W with 8Ω)		
	RJP Interface	Yes (HDMI)		
	RJP Compatibility	Yes, Teleadapt (HDMI), G-Link (HDMI)		
	USB	Yes (USB 2.0)		
	Moving Picture Playback (SD/HD/Plus HD)	MPEG		
	Picture	JPEG		
	Audio Codec	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	Yes		
	Kensington Lock	Yes		
	Hospital Required Approval	Yes		
	Pillow Speaker	Yes		
SIDE INTERFACE	HDMI In	2 (1.4)		
	USB (2.0)	1		
REAR INTERFACE	RF In	1		
	AV In	1		
	Digital Audio Out (Optical)	1		
	USB 2.0	1		
	RS-232C(D-Sub 9pin)	1 (Service Only, 3.5mm Phone Jack)		
	LAN Port	1		
	External Speaker Out (3.5mm phone jack)	1 (3.5mm Phone Jack)		
	Pillow Speaker interface	1 (6pin)		
	TV link Configuration	1 (3.5mm Phone Jack)		
	PTC Configuration	1 (3.5mm Phone Jack)		
	MPI Jack	1 (RJ-12)		
ACCESSORIES	Cable	Hospital Power Cable (6.1')		
	Manual / ESG	Simple book		
POWER	Voltage, Hz	110V		
	Typical (Watts)	88.2W	76.8W	64.5W
	Stand-by	<0.5W		
TOOL DESCRIPTION	Bezel Width ON (Left/Right, Upper ,Bottom)	55" : 15.1, 12.7, 17.8	43" : 14.9, 12.5, 17.6	32" : 17, 14.3, 17.6
	Bezel Width OFF (Left/Right, Upper ,Bottom)	55" : 12.6, 10.2, 15.3	43" : 12.6, 10.2, 15.3	32" : 14.5, 11.8, 15.3
	Flame Retardant	Yes		
	VESA Compatible	300mm x 300mm	200mm x 200mm	
CERTIFICATION	Safety	UL Hospital grade		
	EMC	FCC		
	ETC.	RoHS, cUL, NOM		
DIMENSION	WxHxD	48.9" x 28.5" x 2.2"	38.3" x 22.6" x 2.2"	28.9" x 17.2" x 2.2"
	Weight	39 lbs	22.5 lbs	11.7 lbs
	Carton	52.4" x 32" x 6"	41.3" x 25.8" x 5.6"	31.5" x 20.1" x 4.5"
	Weight	55.3 lbs	26.7 lbs	14.6 lbs
OTHER	UPC	7 19192 91969 3	7 19192 91971 6	7 19192 91966 2
	Warranty	2 Year Limited Warranty (Parts and Labor)		

TECHNOLOGY PARTNERS

SOME INTERACTIVE SYSTEMS MAY REQUIRE AN EXTERNAL DEVICE

SONIFI health · allen · ACESO · TVR COMMUNICATIONS · INDEPENDA · getwell network · infovalue IPTV EXPERTS · CREST HEALTHCARE SUPPLY · CURBELL MEDICAL · HealthSuite · TeleHealth SERVICES · Anacom MedTek · journey

LED · Pro:Centric SMART · Pro:Idiom · Welcome Screen · LOCK MODE · External Speaker Out · MULTI IR · HDMI · USB 2.0 · USB CLONING

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