LX770M Hospital Grade Pro:Centric SMART
with Integrated Pro:Idiom and *b*-LAN™

HEALTHCARE

▶ **55LX770M**
55" class (54.5" diagonal)

▶ **43LX770M**
43" class (42.5" diagonal)

▶ **32LX770M**
32" class (31.8" diagonal)

ENERGY STAR

SAFE AND CONVENIENT FOR ALL USERS

HOSPITAL SAFETY STANDARD COMPLIANT

SAFETY

c(UL)us LISTED — UL listed Mark

CONVENIENT FOR PATIENTS AND HOSPITAL STAFF

Nurse Call System   Pillow Speaker

smart Share™

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.

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 greater connectivity and access to and from the TV.

SPECIFICATIONS

Designed Specifically for the Healthcare Industry

UL Hospital Grade Listed

Now available in 55" size

Energy Star® 7.0 Qualified *except 32"

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)

www.LG.com/us/commercial

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 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

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, saving time and cost.

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 LX770M 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 LX770M 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 LX770M 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, thereby saving labor costs.

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 LX770M 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 LX770M 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.
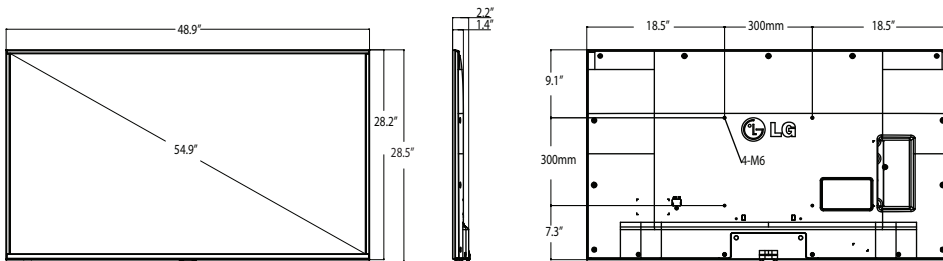
COMPLAINCE

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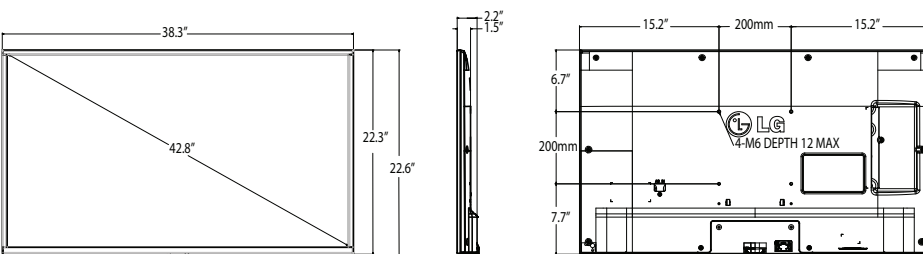
RoHS Compliant - Meets directive on restriction of hazardous substances.

Energy Star 7.0 Qualified - Meets current Environmental Protection Agency's television product specifications. *except 32"
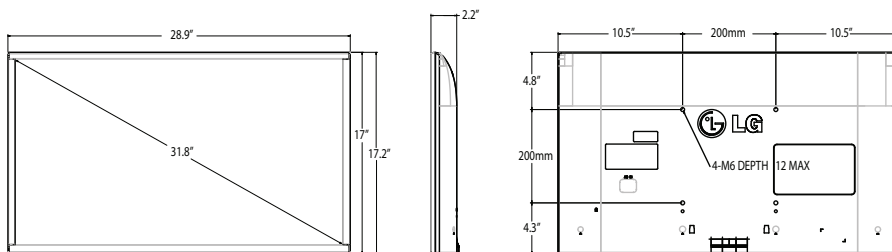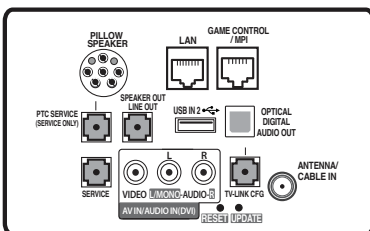

55LX770M

43LX770M

32LX770M

Rear Jack Panel

Side Jack Panel

OPTIONAL ACCESSORY REMOTES

INSTALLER REMOTE
INSTALLERRC

PATIENT MULTI-BED REMOTE
PATIENTRC

PRO:CENTRIC PILLOW SPEAKER

LX770M

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

55LX770M — 55" class (54.5" diagonal)

32LX770M — 32" class (31.8" diagonal)

43LX770M — 43" class (42.5" diagonal)

HEALTHCARE

PANEL	MODEL	55LX770M	43LX770M	32LX770M
	Panel Technology	Edge		Direct LED
	Panel Size (Measured Diagonally)	55" Class (54.5" diagonal)	43" Class (42.5" diagonal)	32" Class (31.8" diagonal)
	Native Resolution	1920 x 1080 (FHD)		
	Dynamic Contrast Ratio (Dynamic MCI Hz)	1,000,000:1		
	Static (Panel) Contrast Ratio	1200:1		
	Viewing Angle (HxV)	178°/178°		
	Response Time	9ms	8ms	7ms
	Frame Rate	60Hz		
BROADCASTING SYSTEM	Analog	Yes (NTSC)		
	Digital	Yes (ATSC /QAM/VSB)		
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		5W + 5W
	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 (Off, Wall-Mount Type, Stand Type)		
	Clear Voice II	Yes		
SPECIAL FEATURES	Pro:Centric Application	Yes		
	Pro:Centric Remote Management	Yes		
	Hybrid Streaming (IP & RF) MultiCast/HTTP Data Carousel	Yes		
	RF (1/2Tuner)	Yes (2 Tuner)		
	HCAP	Yes (GEM / Flash / HTML)		
	HCAP Input Device Driver Support	Yes (USB Mouse, USB Keyboard, Magic Remote, USB Camera, Remote App)		
	Auto Configuration	Yes (EZ-Manager/Express Script)		
	Remote Diagnosis	Yes		
	IP Streaming	Yes (RTSC, HLS, SNMP, UDP/MultiCast, USB Port/Video Streaming support (Smartshare) (IGMPv3 SSM Support)		
	Multicast/Unicast Ready	Yes		
	Commercial Smart Home	Yes		
	Pre-loaded Apps	Yes (Commercial CP/Apps)		
	Web Browser	Yes		
	Smart Share	Yes		
	DLNA (PC to Screen Share)	Yes (Smart Share)		
	WiDi (PC to Screen Share)	Yes		
	Miracast (PC to TV)	Yes		
	Bluetooth Sound Sync	Yes		
	Wi-Fi Direct	Yes		
	Pro:Idiom	Yes		
	WOL/WoWLAN	Yes/-		
	SI Compatible	Yes (MPI protocol)		
	b-LAN	Yes		
	Wi-Fi	Yes (Built-in type)		
	Instant ON	Yes		
	HTNG-CEC 1.3	Yes		
	HDMI-CEC	Yes		

SPECIAL FEATURES (CONT.)	MODEL	55LX770M	43LX770M	32LX770M
	Installer Menu	Yes		
	IR Out	Yes (MPI Port)		
	External Speaker Out	Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GND,L+,R+), 1W with 8Ω)		
	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 / Free-to-Guest Channel Map	Yes		
	Multi IR Code	Yes		
	Welcome Screen	Yes		
	Auto Off / Auto Sleep	Yes		
	Video Mute	Yes		
	Smart Energy Saving	Yes (Auto Power Off)		
	Motion Eye Care	Yes		
	Kensington Lock	Yes		
	UL Hospital Safety Compliant	Yes		
	Pillow Speaker	Yes		
INTERFACE (SIDE)	USB (2.0)	1		
	HDMI	2		
INTERFACE (REAR)	RF In	1		
	AV In	1		
	USB (2.0)	1		
	Optical Digital Audio Out	1		
	External Speaker Out	1 (3.5mm Jack)		
	Pillow Speaker Interface	1 (6-pin)		
	TV Link Configuration	1 (3.5mm Jack)		
	PTC Service Port	1 (3.5mm Jack)		
	GAME CONTROL/MPI Port	1 (RJ-12)		
CABINET	Bezel Width (on/) (mm)(L/R/U/B)	15.1mm, 12.7mm, 17.8mm	14.9mm, 12.5mm, 17.6mm	17mm, 14.3mm, 17.6mm
	Depth (off/) (mm) (L/R/U/B)	12.6mm, 10.2mm, 15.3mm	12.6mm, 10.2mm, 15.3mm	14.5mm, 11.8mm, 15.3mm
	W x H x D	48.9"x28.5"x2.2"	38.3"x22.6"x2.2"	28.9"x17.2"x2.2"
	Weight	39.0 lbs	22.5 lbs	11.7 lbs
	Carton	52.4"x32"x6"	41.3"x25.8"x5.6"	31.5"x20.1"x4.5"
	Weight	55.3 lbs	26.9 lbs	14.6 lbs
	VESA™ Standard Mount Interface	300mm x 300mm	200mm x 200mm	
	Flame Retardant	Yes		
CERTIFICATION	Safety / EMC / ETC	UL, FCC, RoHS, cUL, NOM, Energy Star 7.0 *except 32"		
OTHER	UPC	7 19192 91840 5	7 19192 91816 0	7 19192 91817 7
POWER	Voltage, Hz	110V		
	Watts (Typical)	59 W	43 W	56 W
	Stand-by	< 0.5 W		
ACCESSORIES	Power Cable	Hospital Power Cable		
	Owner's Manual / Easy Setup Guide	Yes		
WARRANTY		2 Year Limited Warranty (Parts and Labor)	Extended Warranties Available		

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 · TV LINK MULTI IR · HDMI · USB 2.0 · ENERGY STAR · *b*-LAN · USB CLONING

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

www.LG.com/us/commercial

SPEC_LX770M_011663_PR

Printed in the USA. March 2016