32" CLASS (31.5" DIAGONAL)

32LH255H
MATTE BLACK

32LH250H
HI GLOSS BLACK

LCD TV

LCD Commercial Widescreen Integrated HDTV with HD-PPV Capability

NEW! BUILT-IN b-LAN
Includes full support of:
LodgeNet's HD Video on Demand (VOD)
LodgeNet's HD Free-To-Guest (FTG)
Supports many other FTG system providers
(see sales rep)
Compatible with FMA-100

EcoSmart™
Dynamic Power Savings
Static Power Savings

RoHS COMPLIANT

HD VOD PPV ENCRYPTION
Integrated Pro:Idiom®

SPLASH IMAGE-LOGO ON (START UP)

MPEG-2/MPEG-4 H.264 DECODING

DYNAMIC CONTRAST RATIO
20,000:1

NATIVE DISPLAY RESOLUTION
1366 x 768

BUILT-IN ATSC/NTSC/QAM CLEAR TUNER

INVISIBLE SPEAKER SYSTEM
Hidden speaker grilles

180° DETACHABLE SWIVEL STAND

LG'S EXCLUSIVE XD ENGINE®

USB 2.0 MEDIA HOST FOR PHOTOS AND MUSIC

USB CLONING

CLEAR VOICE II

REAL CINEMA™

2 HDMI™ INPUTS WITH HDCP
V.1.3 with deep color

AUTO SENSING REMOTE JACK PACK (RJP) COMPATIBLE*

2 YEAR LIMITED WARRANTY
(parts and labor)

*NOTE: Contact your LG Sales representative on the RJPs that are compatible with the LH250H/LH255H series.

www.LGsolutions.com

LG
Life's Good

green LIFE'S GOOD...

WHEN IT'S GREEN.

LG is committed to improving product development, manufacturing and usage to meet the demand for environmentally friendlier products. Our LH250H/LH255H series televisions have technologies to reduce power consumption and in return increase **cost savings** per room. We've also placed limits in the amounts of harmful materials used in these televisions.

- **EcoSmart**
  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.
- **RoHS Compliant**
  Meets directive on restriction of hazardous substances.

FEATURES

LG'S FREE-TO-GUEST COST EFFECTIVE SOLUTION

For Free-To-Guest hotel installations, when using LG's LMT7Z7 Free-To-Guest built-in technology plus LG's Free-to-Guest Management Appliance (FMA), virtual channel mapping and other adjustments can be made from the centralized head-end FMA system. This is an added value of time savings and therefore cost savings in labor charges by not having to go room to room for a change of settings.

HOTEL COSTS FOR FREE-TO-GUEST CHANNEL MANAGEMENT (OVER 5 YEARS)

	Labor Costs	*FMA 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 (LH250H/LH255H) with LMT7Z7 technology built-in, plus FMA		$1,999	$1,999	**$18,001**

* FMA MAP price subject to change.

ENERGY SAVING LEVELS

By selecting lower levels of backlight settings, a reduction in power consumption is achieved resulting in energy savings and lower costs.

TESTING CONDITION IN VIVID/STATIC MODE

Applied Model	Backlight Setting Value	Brightness/ Static [cd/m²]	Power Consumption [Watts]	Energy savings [%]
32LH255H 32LH250H	Level 100	314.0	111.6	0.0%
	90	283.0	102.0	8.6%
	80	248.0	93.0	16.7%
	70	222.0	86.4	22.6%
	60	198.0	79.4	28.9%
	50	176.5	72.9	34.7%
	40	149.0	66.0	40.9%
	30	116.0	58.2	47.8%
	20	81.0	51.0	54.3%
	10	58.5	42.8	61.6%
	1	30.0	37.2	66.7%

Note: Power consumption was measured with video signal - IEC62087 dynamic broadcast. Energy Saving percentages listed are based on Energy Saving percentages are based off of level 100.

FREE-TO-GUEST MANAGEMENT APPLIANCE

FMA
HEAD-END SYSTEM

Manages channel line-up changes, channel label changes, designates a startup channel, 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. Works in conjunction with installed LMT7Z7 FTG card and sets with built-in LMT7Z7 technology.
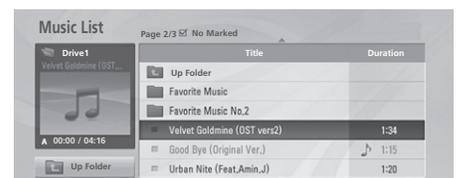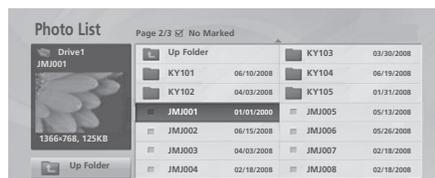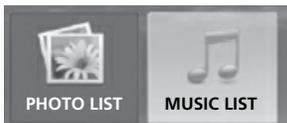
FREE-TO-GUEST LMT7Z7 TECHNOLOGY BUILT-IN

LMT7Z7
FREE-TO-GUEST TECHNOLOGY

Will allow viewing of HD secured Pro:Idiom encrypted content from Pro:Idiom licensed Cable or Satellite providers. Compatible with FMA-100 system. Pay-Per-View ready.

USB 2.0
MEDIA HOST

USB 2.0 will support JPG and MP3 files from a USB storage device.

XD ENGINE

SHARPER

BRIGHTER

CLEARER

WITHout WITH

Dramatization

WITHout WITH

Dramatization

Six distinct processes contribute to picture improvement. LG's XD Engine takes the low resolution of analog signals to near HD levels by improving brightness, contrast, detail and enhancing color as well as reducing signal noise.
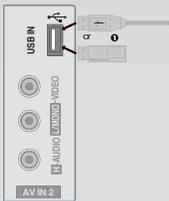
DIMENSIONS

invisible SPEAKER

SOUND IS HEARD, NOT SEEN

Enjoy a combination of smart technology and stylish design with the invisible speaker system custom tuned by audio expert Mr. Mark Levinson. This unique system provides a clean, polished look and an enhanced auditory experience by increasing the sweet spot and providing a wider sound field.
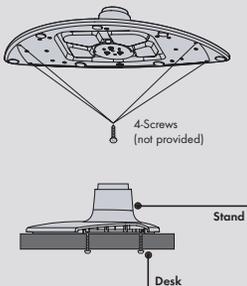
USB CLONING

USB cloning will allow for easy transfer of Public Display Settings from the "Master TV" to an unlimited number of same type televisions.
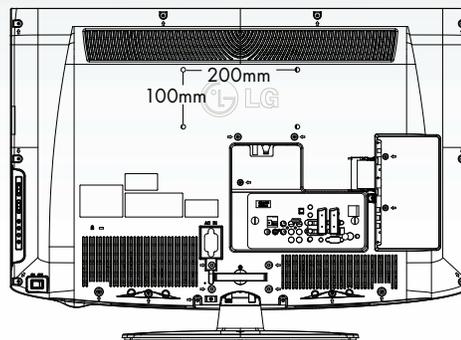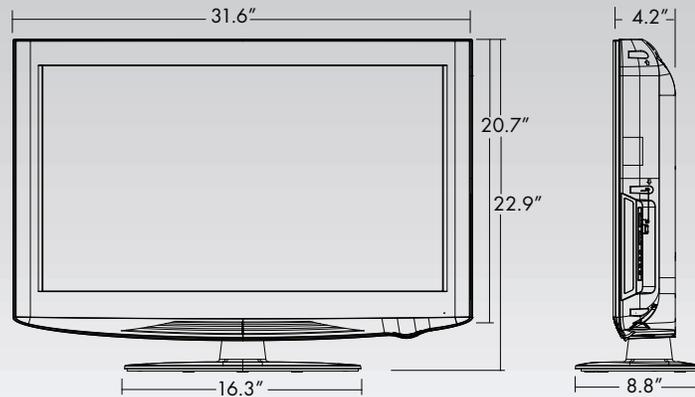
USB IN
AUDIO VIDEO
AUDIO L(MONO) R
AV IN 2

MOUNTING HOLES ON STAND
ATTACHING THE TV TO A DESK

4-Screws
(not provided)

Stand

Desk

32LH255H
32LH250H

31.6"

4.2"

20.7"

22.9"

16.3"

8.8"

200mm
100mm

LG

MPI SLOT   REAR JACK PANEL

ANTENNA IN   M.P.I.

GAME CONTROL

AV IN 1

VIDEO   AUDIO
L(MONO)   R

HDMI

2

1

HDMI/DVI IN

Y   PB   PR   L   AUDIO   R
VIDEO

COMPONENT IN

SPEAKER OUT (8Ω)   REMOTE CONTROL OUT

RESET   UPDATE

RGB IN (PC)

AUDIO IN (RGB/DVI)

RS-232C IN (SERVICE ONLY)

RJP

TV-LINK CFG

SIDE JACK PANEL

USB IN

AUDIO VIDEO
AUDIO L(MONO) R
AV IN 2
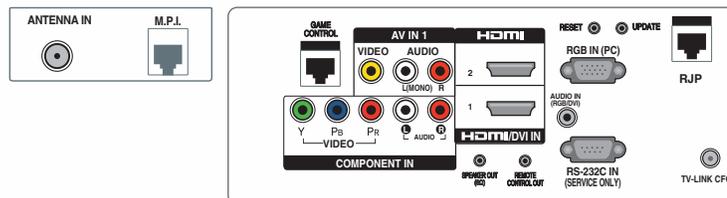
32LH255H
MATTE BLACK

32LH250H
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32" CLASS (31.5" DIAGONAL)

SPECIFICATIONS

LCD SPECIFICATION

Screen Size (Class)	32" class (31.5" diagonal)
Native Display Resolution	1366 x 768
Brightness	500 cd/m²
Dynamic Contrast Ratio	20,000:1
Viewing Angle	178°/178°
Color Reproduction	8 Bit
Response Time	5ms
Life Span (Typical)	50,000 hrs

BROADCASTING SYSTEM

Analog	Yes
ATSC/NTSC/Clear QAM	Yes
b-LAN (RF Modem)	Yes

VIDEO

XD Engine	Yes
Video Codec	MPEG-2/4
Aspect Ratio	16:9
Aspect Ratio Correction	5 Modes
Just Scan 0% over scan HDMI/Component:	HD/DTV
Enhanced Noise Reduction (Video Noise Filter)	Yes, 3D NR/MPEG NR
Digital Comb Filter	Yes (3D)
Color Temperature Control	3 Modes (Medium, Warm, Cool)
Black Stretcher	Yes
24p Real Cinema	Yes
Cinema 3:2/2:2 Mode	Yes
Picture Reset	Yes
EZ Picture/PSM	Yes (6 mode)
xvYCC (richer color)	Yes
DTV Signal Strength Indicator	Yes
Video Reset/Initializing	Yes

AUDIO

Mono/Stereo/Dual (MTS/SAP)	Yes
Audio Output Power	10W x 2
Invisible Speaker System Details	1 Way 2 Speaker
Dolby Digital 5.1 Decoder	Yes
Surround System Type	SRS TruSurround XT
Bass/Treble/Balance Controls	Yes
Clear Voice II	Yes
Auto Volume Leveler	Yes
EZ Sound Mode/SSM	5 Modes

SPECIAL FEATURES

Integrated Pro:Idiom	Yes
Splash Image-Logo on (start up)	Yes
Auto-Sensing RJP compatible	Yes (with select RJP versions, non - PIP)
Backlight Control	Yes
USB Cloning	Yes
1080p Source Input HDMI	60f/30f/24f
Component	60f/30f/29f
Auto Screen Adjust	Yes
Fresh White	Yes
Flashback (Previous Channel)	Yes
Quick Setup Guide	Yes
Parental Control w/V-Chip	Yes
Key Lock/Child Lock	Yes
Customizable Closed Caption/Sub-title	Yes

CONVENIENCE FEATURES

Language	English/Spanish/French
Alvin UI	Yes
Commercial Function Menu	Yes
Auto Tuning/Programming	Yes
Channel Add/Delete	Yes
Channel Labeling	Yes
Favorite Channel Programming	Yes
Auto/Manual Clock	Yes
On/Off Timer	Yes
Sleep Timer	Yes
Auto Off/Auto Sleep (When no video is present)	Yes

AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1
L/R Audio/Composite Video In	1 (rear), 1 (side)
HD Component Video In (Y, Pb, Pr) + L/R Audio	1
Speaker Out	1 (1W mono)
HDMI/HDCP Input (V1.3 with Deep Color)	2 (1 port PC mode)
RGB In (D-Sub 15pin) - PC	1 (up to WXGA)
PC Audio Input	1
RS-232C In (Service Only)	1
USB 2.0 Input	1 (Side) Media Host (jpeg, mp3), Cloning, Service
Remote Control Port out	1
RJ45 (for RJP interface, non PIP)	1
MPI Jack (RJ-12)	1 on MPI Card Slot
Game Port (RJ-12)	1 for LodgeNet game controller
TV-LINK CFG (b-LAN phone MPI jack)	1

CABINET/ACCESSORIES

Cabinet Color	Glossy Black, Hi Gloss Black (LH250H), Matte Black (LH255H)
Swivel Stand (degrees)	+90°/-90°
Fire Retardant Cabinet Material	Yes
Kensington Security System Slot	Yes
Security Screws (TORX)	Yes (optional use)
VESA® Compliant (WxH)	200mm x 100mm, M4 screw
Remote Control	Yes
Cloning Capable	USB input, opt. LT2002, or opt. TLL-1100A

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
Stand-by Mode	Less than 1W
Dynamic/Static Power Savings	Yes
Power Consumption (with Power Saving Modes disabled)	Max 150W / Typical 120W
RoHS Compliant	Yes

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	31.6" x 20.7" x 4.2"
TV with stand (WxHxD)	31.6" x 22.9" x 8.8"
Shipping Dimensions (WxHxD)	38.7" x 24.6" x 7.4"
TV without stand weight	25.1 lbs
TV with stand weight	27.7 lbs
Shipping Weight	29.1 lbs

SERVICE/LIMITED WARRANTY

2 Years (Parts/Labor)

UPC CODE

32LH255H	7 19192 17616 4
32LH250H	7 19192 17615 7

www.LGsolutions.com

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

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