

42" CLASS (42.0" DIAGONAL)

37" CLASS (37.0" DIAGONAL)

32" CLASS (31.5" DIAGONAL)

26" CLASS (26.0" DIAGONAL)

42LD320H HI GLOSS BLACK

37LD320H HI GLOSS BLACK
37LD325H MATTE BLACK

32LD320H HI GLOSS BLACK
32LD325H MATTE BLACK

26LD320H HI GLOSS BLACK

LCD TV

LCD Commercial Widescreen

Integrated HDTV with HD-PPV Capability



HD VOD PPV ENCRYPTION
Integrated Pro:Idiom®

Pro:Centric® LITE
(Java/Flash)

 EcoSmart™
Dynamic Power Savings
Static Power Savings

 ENERGY STAR® 4.1 AND RoHS COMPLIANT

NEW! BUILT-IN INTEGRATED b-LAN™ (VER 6.3 UP)

MPEG-4 H.264 DECODING

COMMERCIAL MODE SET UP MENU (INSTALLER MENU)

TVLINK-PROTOCOL

MPI SLOT

NATIVE DISPLAY RESOLUTION
1920 x 1080 (37"/42" class)
1366 x 768 (26"/32" class)

NEW! STAND (METAL NECK/STAND BASE METAL)
(32"/37"/42" class)

USB CLONNING

USB MEDIA HOST (JPEG & MP3)

SPLASH IMAGE - LOGO
(when booting)

ANTI-THEFT WARNING LABEL

180° DETACHABLE SWIVEL STAND

2 YEAR LIMITED WARRANTY
(parts and labor)

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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.

The LD320H series has technologies to reduce power consumption and in return increase **cost savings** per room. We've also placed limits on the amounts of harmful materials used in these televisions.

- **EcoSmart**
Dynamic Power Savings - Using built-in algorithms, the 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.
- **Energy Star 4.1 Qualified** - Meets current reduction requirements of energy consumption.

FEATURES

LG'S FREE-TO-GUEST COST EFFECTIVE SOLUTION

For Free-To-Guest hotel installations, when using LG's b-LAN Free-To-Guest built-in technology plus LG's Free-to-Guest Management Appliance (FMA), virtual channel mapping, configuration of commercial installer menu settings, 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	FTG Card Price	¹ 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 TVs with Integrated b-LAN, plus FMA ²	-	-	\$1,999	\$1,999	\$18,001

¹FMA MAP price subject to change. ²FMA sold separately.

FREE-TO-GUEST MANAGEMENT APPLIANCE

FMA-LG101

HEAD-END SYSTEM



Manages channel line-up changes, channel label changes, designates a startup channel, configuration of commercial installer menu settings, and can set the time/date, and broadcast that information to all the terminals on a regular basis all from the head-end. Also, enables Pro:Idiom tuning for Pro:Idiom encrypted content.

FREE-TO-GUEST INTEGRATED b-LAN

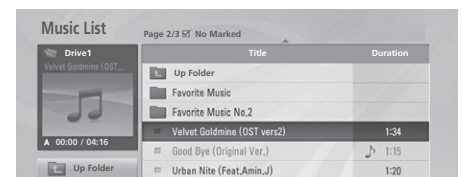
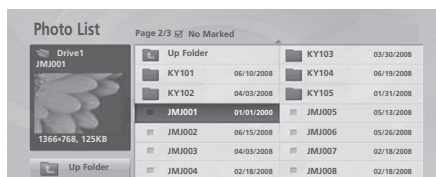
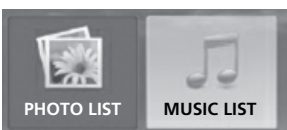
b-LAN

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 and FMA-LG101 head-end systems. Pay-Per-View ready.

USB 2.0 MEDIA HOST

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



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: PWM Static mode (eyecare off)

Applied Model	Backlight Setting Value	Power Consumption [Watts]	Energy savings [%]
42LD320H	Level 100	108	0%
	90	87	19%
	80	79	27%
	70	73	32%
	60	67	38%
	50	61	44%
	40	56	48%
	30	53	51%
	20	48	56%
	10	43	60%
1	39	64%	
37LD320H 37LD325H	Level 100	89	0%
	90	84	5%
	80	78	12%
	70	72	19%
	60	66	25%
	50	61	31%
	40	57	36%
	30	52	41%
	20	48	46%
	10	44	51%
1	40	55%	
32LD320H 32LD325H	Level 100	73	0%
	90	64	13%
	80	59	20%
	70	54	27%
	60	44	39%
	50	41	43%
	40	39	47%
	30	36	50%
	20	34	54%
	10	31	58%
1	29	61%	
26LD320H	Level 100	57	0%
	90	52	9%
	80	47	17%
	70	42	26%
	60	40	30%
	50	37	34%
	40	36	36%
	30	35	38%
	20	33	43%
	10	30	47%
1	28	51%	

Note: Energy Saving percentages listed are percentages off of level 100.

XD[®] ENGINE

SHARPER
BRIGHTER
CLEARER



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.

invisible SPEAKER

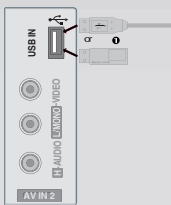
SOUND IS HEARD, NOT SEEN

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.

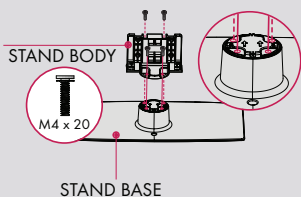


USB CLONING

USB cloning will allow for easy transfer of Commercial Installer Menu Settings from the "Master TV" to an unlimited number of same type televisions.

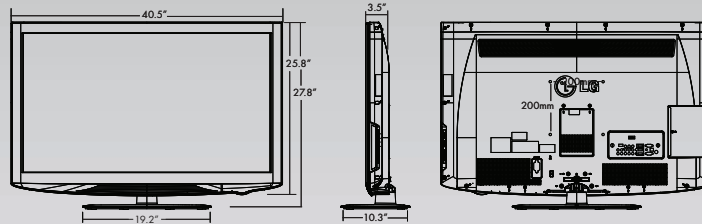


MOUNTING HOLES ON STAND ATTACHING THE TV TO A DESK

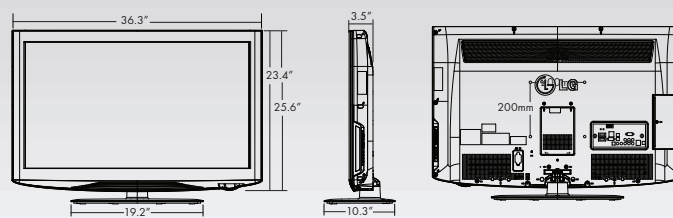


DIMENSIONS

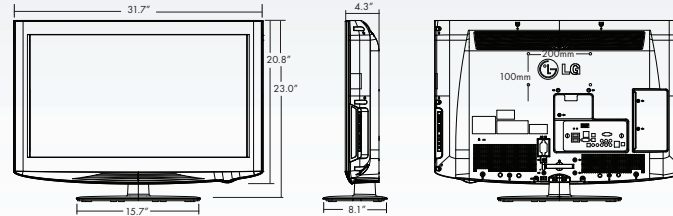
42LD320H



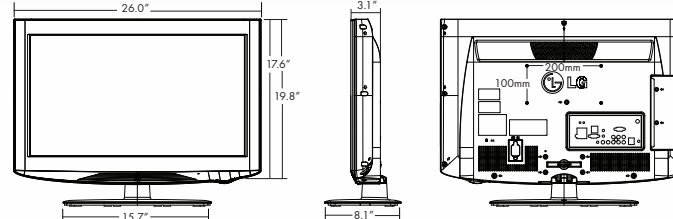
37LD320H



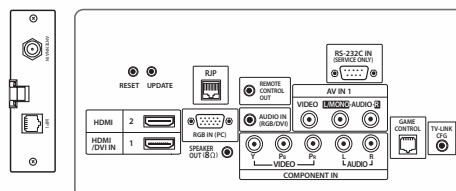
32LD320H



26LD320H



42/37/32LD320H

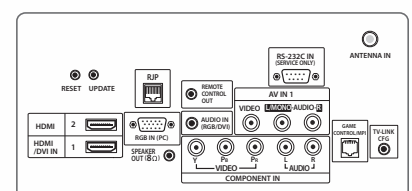


REAR JACK PANEL

SIDE JACK PANEL



REAR JACK PANEL



SIDE JACK PANEL



HI GLOSS BLACK	42LD320H	42" CLASS (42.0" DIAGONAL)
HI GLOSS BLACK	37LD320H	37" CLASS (37.0" DIAGONAL)
MATTE BLACK	37LD325H	
HI GLOSS BLACK	32LD320H	32" CLASS (31.5" DIAGONAL)
MATTE BLACK	32LD325H	
HI GLOSS BLACK	26LD320H	26" CLASS (26.0" DIAGONAL)

SPECIFICATIONS

LCD SPECIFICATION

Screen Size (Class)	42" class (42.0" diagonal) 37" class (37.0" diagonal) 32" class (31.5" diagonal) 26" class (26.0" diagonal)
Native Display Resolution	1920 x 1080 (42, 37") 1366 x 768 (32, 26")
Dynamic Contrast Ratio	60,000:1
Viewing Angle	178°/178°
Color Reproduction	8 bit
Response Time	4ms
Life Span (Typical)	60,000 hrs

BROADCASTING SYSTEM

Analog	Yes
ATSC/NTSC/Clear QAM	Yes
b-LAN (RFModem)	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 5:5/2:2 Mode	Yes
Picture Reset	Yes
EZ Picture/PSM	Yes (5 mode)
xVCC (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 (32", 37", 42"), 7W x 2 (26")
Invisible Speaker System Details	1 Way 2 Speaker
Dolby Digital 5.1 Decoder	Yes
Surround System Type	Infinite Sound
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
Pro:Centric Lite (Java/Flash)	Yes
b-LAN Embedded (Version 6.3 or up)	Yes
MPEG4	Yes
Auto-Sensing RJP compatible	Yes (with select RJP versions, non - PIP)
Commercial Mode Set Up Menu (Installer Menu)	Yes
TVLink Protocol	Yes
USB Cloning	Yes
USB Mode Host (JPEG & MP3)	Yes
Splash Image	Yes
Multi Remote IR code (Bed1-9)	Yes
720p/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/Korean
Alvin UI	Yes
Commercial Function Menu	Yes
Auto Tuning/Programming	Yes
Channel Add/Delete	Yes
Auto/Manual Clock	Yes
On/Off Timer/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/HD/PC 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 (32", 37", 42")
Game Port/MPI	Yes (26" only)
Game Port (RJ-12)	1 for LodgeNet game controller

CABINET/ACCESSORIES

Cabinet Color	Hi Gloss Black (320H)/Matte Black (325H)
Swivel Stand (degrees)	+90°/90°
Fire Retardant Cabinet Material	Yes
Kensington Security System Slot	Yes
Security Screws (TORX)	Yes (optional use)
VESA® Standard Mount Compatible (WxH)	200mm x 100mm (26", 32") 200mm x 200mm (37", 42")
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	Max 110 (26"), 150 (32"), 200 (37"), 270 (42") (with Power Saving Modes Disabled)
ENERGY STAR 4.1 Qualified	Yes
RoHS Compliant	Yes

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	26.0" x 17.6" x 3.1" (26") 31.7" x 20.8" x 4.3" (32") 36.3" x 23.4" x 3.5" (37") 40.5" x 25.8" x 3.5" (42")
TV with stand (WxHxD)	26.0" x 19.8" x 8.1" (26") 31.7" x 23.0" x 8.1" (32") 36.3" x 25.6" x 10.3" (37") 40.5" x 27.8" x 10.3" (42")
Shipping Dimensions (WxHxD)	32.9" x 21.3" x 6.9" (26") 38.7" x 24.6" x 7.4" (32") 44.9" x 27.0" x 6.8" (37") 48.4" x 30.3" x 6.9" (42")
TV without stand weight	16.9 lbs (26") 25.1 lbs (32") 28.6 lbs (37") 33.7 lbs (42")
TV with stand weight	20.7 lbs (26") 28.8 lbs (32") 34.3 lbs (37") 39.4 lbs (42")
Shipping Weight	25.7 lbs (26") 34.3 lbs (32") 40.9 lbs (37") 46.6 lbs (42")

SERVICE/LIMITED WARRANTY

UPC CODE	
42LD320H	7 19192 90179 7
37LD320H/37LD325H	7 19192 90178 0/7 19192 90181 0
32LD320H/32LD325H	7 19192 90177 3/7 19192 90180 3
26LD320H	7 19192 90176 6



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

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