

42" CLASS (42.0" DIAGONAL)

42LH200C

37" CLASS (37.0" DIAGONAL)

37LH200C

32" CLASS (31.5" DIAGONAL)

32LH200C

22" CLASS (21.6" DIAGONAL)

22LH200C

## LCD Commercial Widescreen Integrated HDTV



PUBLIC DISPLAY SETTINGS - CLONING CAPABLE

 EcoSmart™  
Energy Saving Levels

 RoHS COMPLIANT

DYNAMIC CONTRAST RATIO  
50,000:1 - 42"/37"/32"  
3,000:1 - 22"

NATIVE DISPLAY RESOLUTION  
1366 x 768

BUILT-IN ATSC/NTSC/QAM CLEAR TUNER

INVISIBLE SPEAKER SYSTEM  
Hidden speaker grilles

LG'S EXCLUSIVE XD ENGINE®

USB 2.0 MEDIA HOST FOR PHOTOS AND MUSIC  
42"/37"/32"

USB CLONING  
42"/37"/32"

CLEAR VOICE II

REAL CINEMA™

2 HDMI™ INPUTS WITH HDCP  
V.1.3 with deep color - 42"/37"/32"

AUTO SENSING REMOTE JACK PACK (RJP) COMPATIBLE\*  
42"/37"/32"

2 YEAR LIMITED WARRANTY  
(parts and labor)

\*NOTE: Contact your LG Sales representative on the RJP's that are compatible with the LH200C series.



green LIFE'S GOOD...

# WHEN IT'S GREEN.

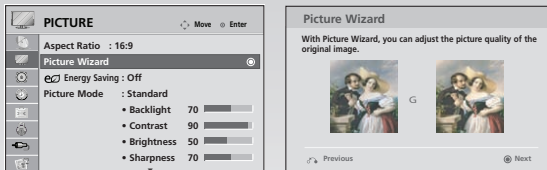
LG is committed to improving product development, manufacturing and usage to meet the demand for environmentally friendlier products. Our LH200C televisions have technologies to reduce power consumption and in return increase **cost savings** per room. We've also placed limits in the amounts of harmful materials used in these televisions.

- **EcoSmart**  
Energy Saving Levels - Manually select your choice for the brightness level for the television.
- **RoHS Compliant**  
Meets directive on restriction of hazardous substances.

# FEATURES



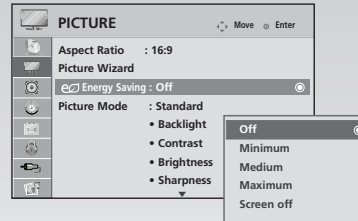
LG's newest core technology, Picture Wizard, enables easy self-calibration by providing on-screen reference points for key picture quality elements such as black level, color, tint, sharpness and backlight levels. By using this easy-to-use calibration process, the picture setting can be set to better fit the type of room application.



Dramatizations

## ENERGY SAVING LEVELS

Manually select your choice for the brightness level for the television. By selecting Minimum, Medium, or Maximum, the power consumption will be reduced and an increase in energy savings can be achieved. (Note: Selecting minimum level may slightly increase power consumption on some models)



## CLEAR VOICE II

### BALANCED SOUND TO EMPHASIZE DIALOGUE

Clear Voice technology automatically enhances dialogue when background sounds such as those in an action sequence swell. Enhancements made to the Clear Voice technology now allow users to customize their personal preferences based on their home environment through a 12-step adjustment process. This calibration process is based on distinct voice zoom levels and does not interfere with surrounding sounds, ensuring consumers don't miss a single line of dialogue.



### TESTING CONDITION IN STANDARD MODE

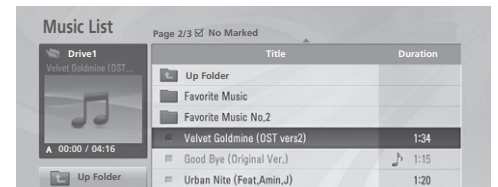
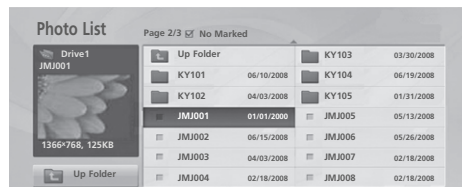
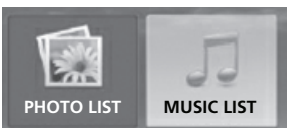
Applied Model	Energy Saving Level	Brightness [cd]	Power Consumption [Watts]	Energy savings [%]
42LH200C	OFF	201	128	0.0
	Minimum	198	131	-2.3
	Medium	131	98.4	23.1
	Maximum	65	60.3	52.9
	Screen off	0	16.9	86.8
37LH200C	OFF	192	112	0.0
	Minimum	198	114	-1.8
	Medium	133	86.2	23.0
	Maximum	62	54.1	51.7
	Screen off	0	16.8	85.0
32LH200C	OFF	151	88.6	0.0
	Minimum	142	87.7	1.0
	Medium	93	66.1	25.4
	Maximum	33	41.2	53.5
	Screen off	0	20	77.4
22LH200C	OFF	162.7	36.15	0.0
	Minimum	144.8	33.9	6.2
	Medium	65.2	23.6	34.7
	Maximum	22.1	16.6	54.1
	Screen off	0	11.1	69.3

Note: Power consumption was measured with video signal - IEC62087 dynamic broadcast. Energy Saving percentages listed are based on Energy Saving default value in the Off mode.

## USB 2.0 MEDIA HOST

42" / 37" / 32"

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



## PUBLIC DISPLAY SETTINGS

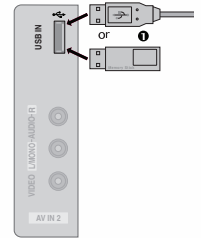
When used in public areas, these HDTVs can be easily programmed by the installer to have the TV turn on at a specified channel/volume level, set the minimum/ maximum volume, lock out the control panel/remote, set the aspect ratio, and return to a factory reset. By using Power Management, these displays can be programmed to turn off if there has been no activity (remote or control panel buttons) for a preset time (1-7) hours.

Public Display Setting	
Public Display Mode	No
Start Channel	No
Ch. Type	TV
Major	2
Minor	0
Minimum Volume	0
Maximum Volume	100
Start Volume Level	No
Power Management Setting	1
Key Management	0
Factory Reset	0
Aspect Ratio	0

## USB CLONING

42" / 37" / 32"

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



# DIMENSIONS

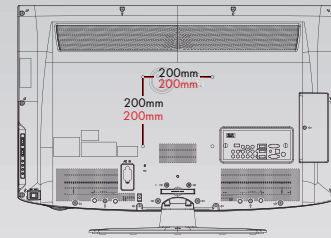
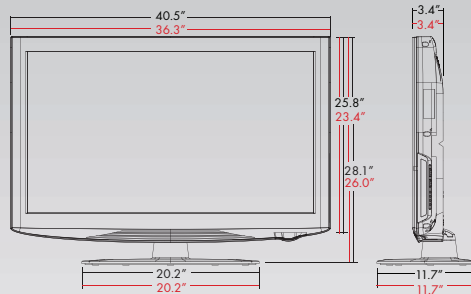
## invisible SPEAKER

### SOUND IS HEARD, NOT SEEN

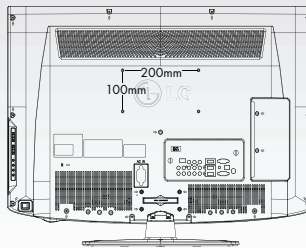
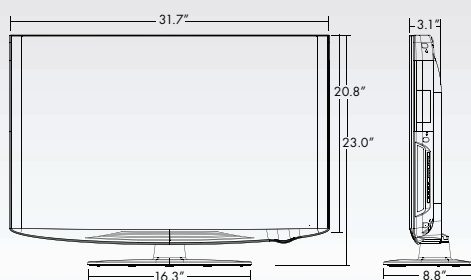
Enjoy a combination of smart technology and stylish design with the invisible speaker system custom tuned by audio expert Mr. Mark Levinson. This unique system provides a clean, polished look and an enhanced auditory experience by increasing the sweet spot and providing a wider sound field.



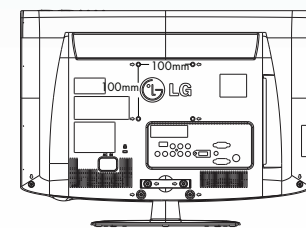
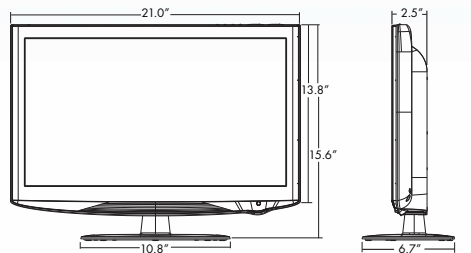
42LH200C  
37LH200C



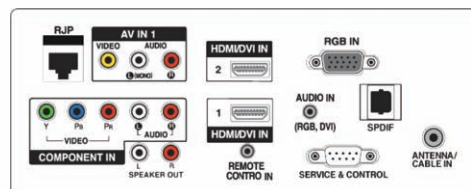
32LH200C



22LH200C



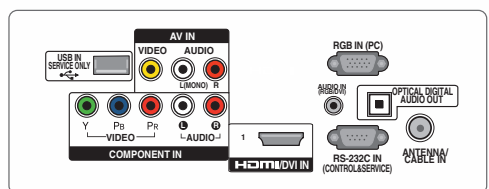
32LH200C/37LH200C/42LH200C  
REAR



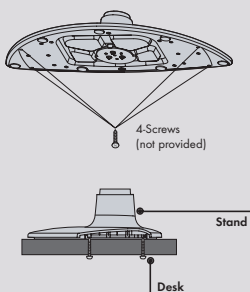
SIDE



22LH200C  
REAR



### MOUNTING HOLES ON STAND ATTACHING THE TV TO A DESK



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37" CLASS (37.0" DIAGONAL)  
32" CLASS (31.5" DIAGONAL)  
22" CLASS (21.6" DIAGONAL)

# SPECIFICATIONS

## LCD SPECIFICATION

Screen Size (Class)	42" class (42.0" diagonal) 37" class (37.0" diagonal) 32" class (31.5" diagonal) 22" class (21.6" diagonal)
Native Display Resolution	1366 x 768
Brightness	500 cd/m <sup>2</sup> (42", 37", 32"), 350 cd/m <sup>2</sup> (22")
Dynamic Contrast Ratio	50,000:1 (42", 37", 32"), 3,000:1 (22")
Contrast Ratio	1,200:1 (42", 37", 32"), 1000:1 (22")
Viewing Angle	178°/178°
Color Reproduction	8 Bit
Response Time	6ms
True Viewing Angle	Yes
Life Span (Typical)	60,000 hrs

## BROADCASTING SYSTEM

Analog	Yes
ATSC/NTSC/Clear QAM	Yes

## VIDEO

XD Engine	Yes
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes
Just Scan (1:1 Pixel Matching)	
HDMI	1080p/1080i/720p
Component	1080p/1080i/720p
RF/DTV	720p
Enhanced Noise Reduction (Video Noise Filter)	Yes, 3D NR/MPEG NR
Digital Comb Filter	Yes (3D)
Color Temperature Control	3 Modes (Norm, Warm, Cool)
Black Stretcher	Yes
24p Real Cinema	Yes
Cinema 3:2/2:2 Mode	Yes
Picture Reset	Yes
AV Mode II (Picture & Sound)	3 Modes (Cinema, Sport, Game)
EZ Picture/PSM	Yes (8 modes)
ISFccc Ready	Yes
DTV Signal Strength Indicator	Yes
Video Reset/Initializing	Yes

Audio	
Mono/Stereo/Dual (MTS/SAP)	Yes
Audio Output Power (Watts - THD 10%)	10W x 2 (42", 37", 32"), 3W x 2 (22")
Invisible Speaker System Details	1 Way 2 Speaker
Dolby Digital 5.1 Decoder	Yes
Surround System Type	SRS TruSurround XT, SRS WOW
Bass/Treble/Balance Controls	Yes
Clear Voice II	Yes
Auto Volume Leveler	Yes
EZ Sound Mode/SSM	5 Modes

## AUDIO

Public Display Settings	Yes, V2.5 (42", 37", 32"), V2.4 (22")
Energy Savings	Yes (Minimum, Medium, Maximum)
Brightness Optimization	Yes (Available in Standard, Natural, Sport, Game modes)
Auto-Sensing RJP compatible	Yes (with select RJP versions)
Picture Wizard	Yes
Backlight Control	Yes
USB Cloning	Yes (42", 37", 32")
Mechanical Power Off	Yes
1080p Source Input	
HDMI	60p/30p/24p
Component	60p/30p/24p
RGB	WXGA
A/V Input Navigation	Yes
Input Labeling/Sub-title	Yes
Quick View (Previous Channel)	Yes
Quick Setup Guide	Yes
e-Manual	Yes
Parental Control w/V-Chip	Yes
Key Lock/Child Lock	Yes
Customizable Closed Caption/Sub-title	Yes
LG SIMPLINK (HDMI CEC)	Yes

## SPECIAL FEATURES

CONVENIENCE FEATURES	
Language	English/Spanish/French/Korean
Alvin UI	Yes
Auto Tuning/Programming	Yes
Channel Add/Delete	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 except 22")
HD Component Video In (Y, Pb, Pr) + L/R Audio	1
Variable Audio (External Speaker) Out	1 (L/R 2W each) (42", 37", 32")
Digital Audio Out (Optical)	1 (42", 37", 32")
HDMI/HD/DCP Input (V1.3 with Deep Color)	2 (42", 37", 32"), 1 (22")
RGB In (D-Sub 15pin) - PC	1 (1360 x 768)
PC Audio Input	1
RS-232c In (Control/Service)	1
USB 2.0 Input	1 (Side) Media Host (jpeg, mp3), Cloning, Service (42", 37", 32"), 1 (rear) Service Only (22")
Remote Control Port In	1 (42", 37", 32")
RJ45 (for RJP interface)	1 (42", 37", 32")
CABINET/ACCESSORIES	
Cabinet Color	Glossy Black
Swivel Stand (degrees)	+20°/-20° (42", 37", 32")
Power Indicator	Yes (on/off)
Fire Retardant Cabinet Material	Yes
Kensington Security System Slot	Yes
VESA® Mount Compliant (WxH)	200mm x 200mm, M6 screw (42", 37") 200mm x 100mm, M4 screw (32") 100mm x 100mm, M4 screw (22")
Remote Control	Yes
POWER	
Voltage, Hz	100V - 240V, 50/60 Hz
Stand-by Mode	Less than 1W
Power Consumption	200W (42"), 160W (37"), 150W (32"), 50W (22")
RoHS Compliant	Yes
DIMENSIONS & WEIGHT	
TV without stand (WxHxD)	21.0" x 13.8" x 2.5" (22") 31.7" x 20.8" x 3.1" (32") 36.3" x 23.4" x 3.4" (37") 40.5" x 25.8" x 3.4" (42")
TV with stand (WxHxD)	21.0" x 15.6" x 6.7" (22") 31.7" x 23.0" x 8.8" (32") 36.3" x 25.8" x 11.7" (37") 40.5" x 28.1" x 11.7" (42")
Shipping Dimensions (WxHxD)	23.6" x 17.0" x 5.5" (22") 38.7" x 24.6" x 7.4" (32") 47.0" x 26.2" x 9.0" (37") 52.4" x 30.3" x 9.0" (42")
TV without stand weight	10.2 lbs (22") 22.9 lbs (32") 27.3 lbs (37") 34.4 lbs (42")
TV with stand weight	10.6 lbs (22") 25.4 lbs (32") 32.6 lbs (37") 39.7 lbs (42")
Shipping Weight	13.9 lbs (22") 29.1 lbs (32") 40.2 lbs (37") 46.7 lbs (42")
SERVICE/LIMITED WARRANTY	2 Years (Parts/Labor)
UPC CODE	
42LH200C	7 19192 17591 4
37LH200C	7 19192 17590 7
32LH200C	7 19192 17589 1
22LH200C	7 19192 17593 8

## CONVENIENCE FEATURES

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Favorite Channel Programming	Yes
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TV with stand weight	10.6 lbs (22") 25.4 lbs (32") 32.6 lbs (37") 39.7 lbs (42")
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## SERVICE/LIMITED WARRANTY

UPC CODE	
42LH200C	7 19192 17591 4
37LH200C	7 19192 17590 7
32LH200C	7 19192 17589 1
22LH200C	7 19192 17593 8

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Contact your LG Regional Sales Representative:  
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Vertical Markets: 800.897.8788  
Channel: 800.897.8871

E-mail: info@LGolutions.com



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Life's Good

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Printed in the USA. February 2011