LCD Commercial Widescreen Integrated Full 1080p HDTV

PUBLIC DISPLAY SETTINGS - CLONING CAPABLE

green EcoSmart™
Energy Saving Levels

green ENERGY STAR® 3.0 AND RoHS COMPLIANT

DYNAMIC CONTRAST RATIO
50,000:1

NATIVE DISPLAY RESOLUTION
1920 x 1080 (full HD 1080p)

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

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 LH300C series.

www.LGcommercial.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 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.
- **Energy Star 3.0 Compliant** - Meets current reduction requirements of energy consumption.
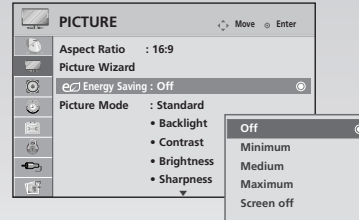
FEATURES

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.
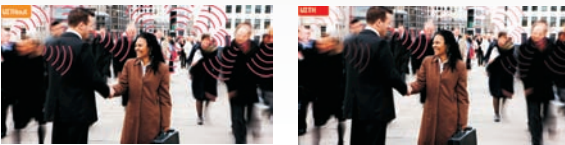

Dramatizations

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)

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.
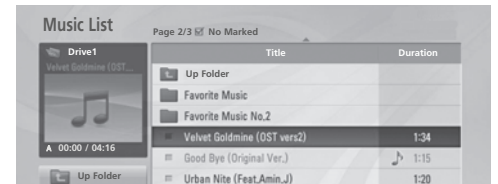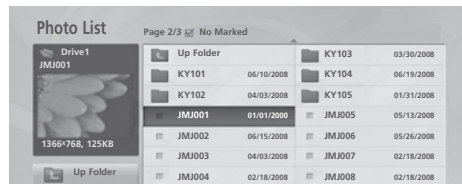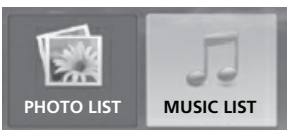

TESTING CONDITION IN STANDARD MODE

Applied Model	Energy Saving Level	Brightness [cd]	Power Consumption [Watts]	Energy savings [%]
47LH300C	OFF	210	188.9	0.0
	Minimum	203	183.2	3.0
	Medium	151	145.3	23.1
	Maximum	61	80.3	57.5
	Screen off	0	18.7	90.1
42LH300C	OFF	218	142	0.0
	Minimum	212	137.2	3.4
	Medium	147	108.2	23.8
	Maximum	53	61.6	56.6
	Screen off	0	19.2	86.5

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

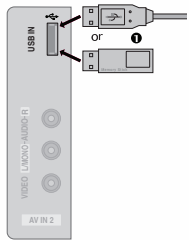USB 2.0 will support JPG and MP3 files from a USB storage device.

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	No
Level	20
Power Management	No
Setting	1
Key Management	0
Factory Reset	0
Aspect Ratio	0

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.
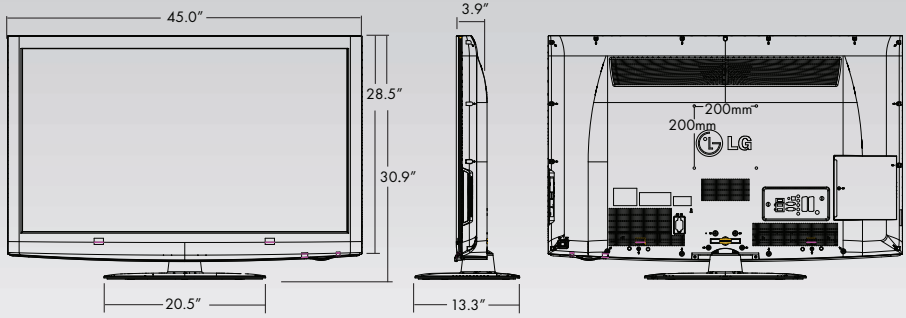
DIMENSIONS
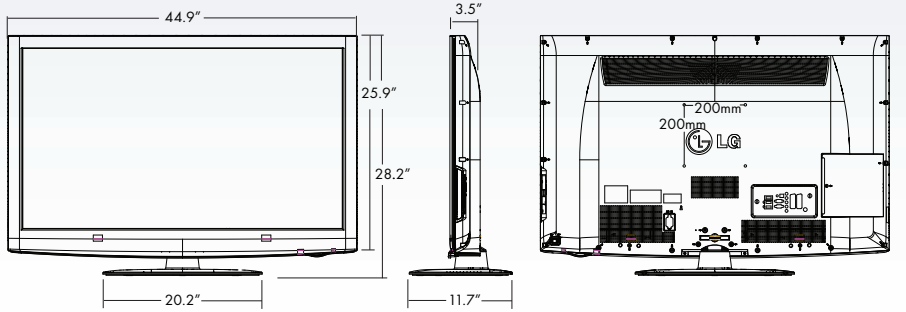
invisible SPEAKER

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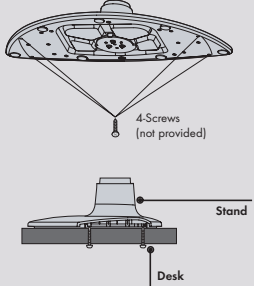
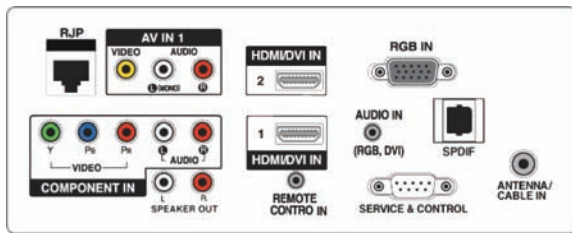### MOUNTING HOLES ON STAND
ATTACHING THE TV TO A DESK

4-Screws (not provided)

Stand

Desk

47LH300C

45.0"
3.9"
28.5"
30.9"
20.5"
13.3"
200mm
200mm

42LH300C

44.9"
3.5"
25.9"
28.2"
20.2"
11.7"
200mm
200mm

REAR

SIDE

47LH300C

47" CLASS (47.0" DIAGONAL)

42LH300C

42" CLASS (42.0" DIAGONAL)

SPECIFICATIONS

LCD SPECIFICATION

Screen Size (Class)	47" class (47.0" diagonal)
	42" class (42.0" diagonal)
Native Display Resolution	1920 x 1080
Brightness	500 cd/m^2
Dynamic Contrast Ratio	50,000:1
Contrast Ratio	1,400:1
Viewing Angle	178°/178°
Color Reproduction	10 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
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

SPECIAL FEATURES

Public Display Settings	Yes , V2.5
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
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

CONVENIENCE FEATURES

Language	English/Spanish/French/Korean
Alvin UI	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
Variable Audio (External Speaker) Out	1 (L/R 2W each)
Digital Audio Out (Optical)	1
HDMI/HDCP Input (V1.3 with Deep Color)	2
RGB In (D-Sub 15pin) - PC	1 (1920 x 1080)
PC Audio Input	1
RS-232c In (Control/Service)	1
USB 2.0 Input	1 (Side) Media Host (JPEG, MP3), Cloning, and Service
Remote Control Port In	1
RJ45 (for RJP interface - non PIP)	1

CABINET/ACCESSORIES

Cabinet Color	Glossy Black
Swivel Stand (degrees)	+20°/-20°
Power Indicator	Yes (on/off)
Fire Retardant Cabinet Material	Yes
Kensington Security System Slot	Yes
VESA® Compliant (WxH)	200mm x 200mm, M6 screw (47", 42")
Remote Control	Yes

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
Stand-by Mode	Less than 1W
Power Consumption	225W (42"), 270W (47")
ENERGY STAR 3.0 Compliant	Yes
RoHS Compliant	Yes

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	44.9" x 28.5" x 3.9" (47")
	40.5" x 25.9" x 3.5" (42")
TV with stand (WxHxD)	40.5" x 30.9" x 13.3" (47")
	40.5." x 28.2" x 11.7" (42")
Shipping Dimensions (WxHxD)	58.5" x 33.9" x 10.0" (47")
	52.4" x 30.3" x 9.0" (42")
TV without stand weight	43.9 lbs (47")
	35.7 lbs (42")
TV with stand weight	49.6 lbs (47")
	39.7 lbs (42")
Shipping Weight	59.3 lbs (47")
	46.7 lbs (42")

SERVICE/LIMITED WARRANTY

	2 Years (Parts/Labor)

UPC CODE

42LH300C	7 19192 17623 2
47LH300C	7 19192 17622 5

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

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