55" CLASS (54.6" DIAGONAL)   **55LE530C**
47" CLASS (47.0" DIAGONAL)   **47LE530C**
42" CLASS (42.0" DIAGONAL)   **42LE530C**

LCD Commercial Widescreen

Integrated Full HD with LED Backlighting

PUBLIC DISPLAY SETTINGS - CLONING CAPABLE

EcoSmart™
Intelligent Sensor
Dynamic Power Savings
Static Power Savings

RoHS COMPLIANT

DYNAMIC CONTRAST RATIO
3,000,000:1

RESPONSE TIME 2.4ms (G to G)

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

BUILT-IN ATSC/NTSC/QAM CLEAR TUNER

INVISIBLE SPEAKER SYSTEM

LG'S EXCLUSIVE XD ENGINE®

USB 2.0 MEDIA HOST FOR PHOTOS AND MUSIC

CLEAR VOICE II

REAL CINEMA™

3 HDMI™ INPUTS WITH HDCP

2 YEAR LIMITED WARRANTY
(parts and labor)

ENERGY GUIDE

The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for models 55LE530C, 47LE530C, & 42LE530C are $19, $16, & $16, respectively.

"Your energy cost depends on your utility rates and use. The estimated cost is based on 11 cents per kWh and 5 hours of use per day. For more information, visit www.ftc.gov/energy."[1]

[1]FTC Television labeling rule (18 CFR Part 305, as added by 76 Fed. Reg. 1038 (Jan 6, 2011)).

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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. Our LE530C television has technologies to reduce power consumption and in return increase **cost savings**. We've also placed limits in the amounts of harmful materials used in these televisions.
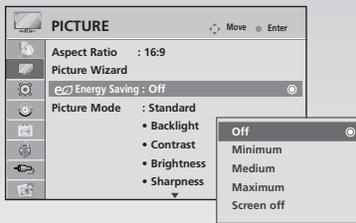
EcoSmart
- Intelligent Sensor - Continually monitors room light conditions to automatically optimize the picture quality for a more enjoyable viewing experience, which can help save energy.
- Dynamic Power Savings - Using built-in algorithms, TV will automatically reduce the power consumption based on 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

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)

TruMotion 120Hz

TruMotion 120Hz technology lets you see sports, video games and high-speed action with virtually no motion blur. Now your TV can keep up with your fast-moving entertainment.

XD ENGINE®

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.

Dramatization

Dramatization

24 REAL CINEMA

VIEWING QUALITY AS THE DIRECTOR INTENDED

24p playback matches the original frame rate of film based content, making your viewing experience one step closer to "Real Cinema".

Original Film
Original film has a frame rate of 24 frames per second. To be viewed on standard video equipment such as TVs it must have a pull down solution.

NTSC Pulldown Solution
NTSC corrects the frame rate difference by repeating every 4th frame. Sound must be separated from the film to avoid any distortion.

Real Cinema
Real Cinema uses a 2:3 pull down which takes every other frame and splits it into three fields of video for a smoother transition from film to video.

Dramatization

INTELLIGENT SENSOR

Automatically examines the room environment and optimizes the picture to the light and color conditions in the room for a more enjoyable viewing experience–that can also save energy and money.
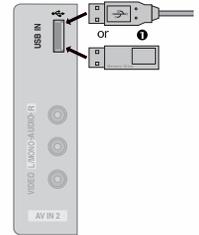
PUBLIC DISPLAY SETTINGS

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.
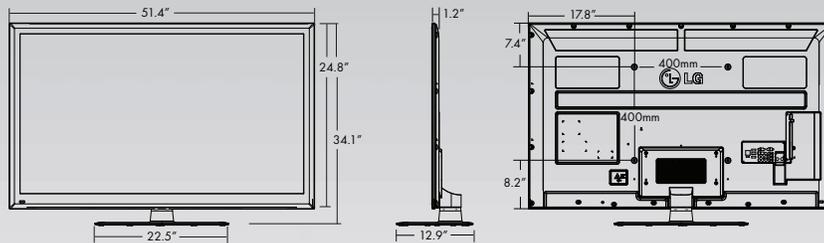
DIMENSIONS
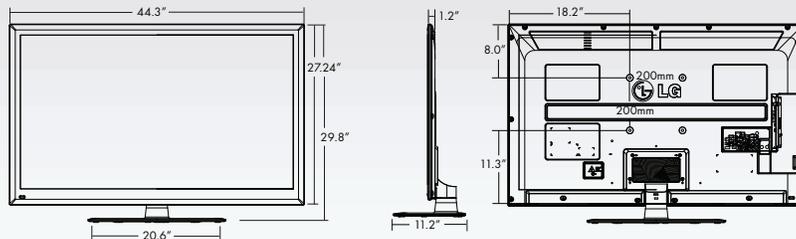
invisible SPEAKER

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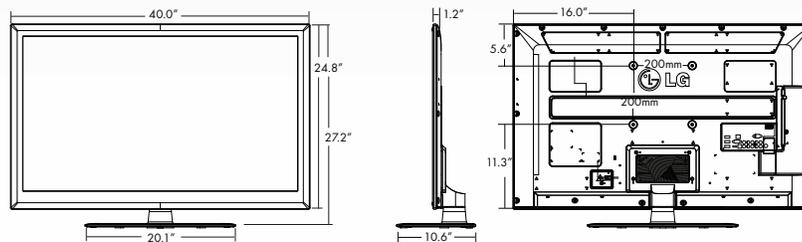
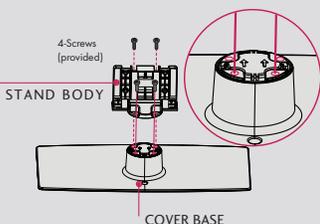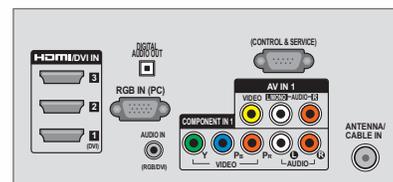### MOUNTING HOLES ON STAND
ATTACHING THE TV TO A DESK

4-Screws (provided)

STAND BODY

COVER BASE

55LE530C

51.4"
24.8"
34.1"
22.5"
1.2"
12.9"
17.8"
7.4"
400mm
400mm
8.2"

47LE530C

44.3"
27.24"
29.8"
20.6"
1.2"
11.2"
18.2"
8.0"
200mm
200mm
11.3"

42LE530C

40.0"
24.8"
27.2"
20.1"
1.2"
10.6"
16.0"
5.6"
200mm
200mm
11.3"

REAR JACK PANEL

HDMI/DVI IN
3
2
1 (DVI)
DIGITAL AUDIO OUT
RGB IN (PC)
AUDIO IN (RGB/DVI)
(CONTROL & SERVICE)
AV IN 1
VIDEO L/MONO AUDIO R
COMPONENT IN 1
Y PB PR L AUDIO R
VIDEO
ANTENNA/ CABLE IN

SIDE JACK PANEL

USB IN
HDMI IN
H/P
COMPONENT 1 Y PB PR AUDIO
AV IN 2 VIDEO AUDIO

55LE530C | 55" CLASS (54.6" DIAGONAL)
47LE530C | 47" CLASS (47.0" DIAGONAL)
42LE530C | 42" CLASS (42.0" DIAGONAL)

SPECIFICATIONS

LCD SPECIFICATION

LED Backlighting	Edge lit
Screen Size	55" class (54.6" diagonal)
	47" class (47.0" diagonal)
	42" class (42.0" diagonal)
Native Display Resolution	1920 x 1080
Dynamic Contrast Ratio	3,000,000:1
Viewing Angle	178°/178°
Response Time (GTG)	2.4ms

BROADCASTING SYSTEM

Analog	Yes
ATSC/NTSC/Clear QAM	Yes

VIDEO

Built-In Tuner	ATSC/NTSC/Clear QAM
XD Engine	Yes
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes (16.9, Just scan, Set by program, 4:3, Zoom1, Cinema Zoom1)
Just Scan (1:1 Pixel Matching)	
HDMI/Component	1080p/1080i/720p
RF	1080i/720p
Color Temperature Control	3 Modes (Medium, Warm, Cool)
24p Real Cinema	Yes
2:2 Pulldown	Yes
Cinema 3:2	Yes
Picture Reset	Yes
AV Mode II	3 Modes (Cinema, Sport, Game)
Picture Mode	8 Modes (Intelligent sensor, Vivid, Standard, Cinema, Sport, Game, Expert1, Expert 2)
ISFccc Ready	Yes
Intelligent Sensor Mode	Yes
x.v.Color	Yes
DTV Signal Strength Indicator	Yes

AUDIO

Mono/Stereo/Dual (MTS/SAP)	Yes
Audio Output Power	20W (10W x 2)
Speaker System	Invisible Speaker (1 Way/ 2 Speakers)
Dolby Digital 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 (Standard, Music, Cinema, Sport, Game)

SPECIAL FEATURES

Picture Wizard II	Yes
Backlight Control	Yes
Smart Energy Saving	Yes
1080p Source Input	
HDMI	60p/30p/24p
Component	60p/30p/24p
RGB	60P (WXGA)
A/V Input Navigation	Yes
Input Labeling	Yes
Quick View (Flashback)	Yes
Parental Control w/V-Chip	Yes
Key Lock/Child Lock	Yes
Closed Caption	Yes
SIMPLINK™ (HDMI/CEC)	Yes

CONVENIENCE FEATURES

Language	4 (English/Spanish/French/Korean)
Auto Tuning/Programming	Yes
Channel Add/Delete	Yes
Favorite Channel Programming	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 (rear)
AV In	1 (rear), 1 (side w/gender)
Component Video In (Y, Pb, Pr) + L/R Audio	1 (rear), 1 (side w/gender)
Digital Audio Out (Optional)	1 (rear)
HDMI/HDCP Input (V1.3 with Deep Color)	3 (rear), 1 (side)
RGB In (D-Sub 15pin) - PC	1 (rear)
PC Audio Input	1 (rear)
RS-232c In (Control & Service Only)	1 (rear)
USB 2.0 Input	1 (Side) Media Host (jpeg, mp3), Cloning, Service
Wireless Control	1 (rear)
Remote Control Port out	1

CABINET/ACCESSORIES

Cabinet Color	Glossy Black
Swivel Stand (degrees)	+20°/-20°
VESA® Standard Mount Compatible (WxH)	200mm x 200mm (42", 47")
	400mm x 400mm (55")
Remote Control	Yes

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
Stand-by Mode	0.3W
Dynamic/Static Power Savings	Yes
Power Consumption (with Power Saving Modes Disabled)	Max 195W(55"),186W(47"),170W(42")
	Typical 163W(55"),134W(47"),115W(42")
RoHS Compliant	Yes

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	40.0" x 24.8" x 1.1" (42")
	44.3" x 27.2" x 1.1" (47")
	51.4" x 31.3" x 1.1" (55")
TV with stand (WxHxD)	40.0" x 27.2" x 10.6" (42")
	44.3" x 29.8" x 11.2" (47")
	51.4" x 34.1" x 12.9" (55")
Shipping Dimensions (WxHxD)	42.7" x 30.3" x 8.9" (42")
	47.0" x 31.4" x 9.9" (47")
	58.8" x 34.7" x 11.3" (55")
TV without stand weight	36.8 lbs (42")
	43.2 lbs (47")
	63.5 lbs (55")
TV with stand weight	42.9 lbs (42")
	50.4 lbs (47")
	76.1 lbs (55")
Shipping Weight	51.1 lbs (42")
	59.7 lbs (47")
	85.9 lbs (55")

SERVICE/LIMITED WARRANTY

2 Years (Parts/Labor)

UPC CODE

55LE530C	7 19192 90190 2
47LE530C	7 19192 90189 6
42LE530C	7 19192 90188 9

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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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SPEC_LE530C_081131_PR

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