The LG EzSign TV
LED Commercial Widescreen

▶ **55LN549E**
55" class (54.6" measured diagonally)

▶ **47LN549E**
47" class (46.9" measured diagonally)

▶ **42LN549E**
42" class (41.9" measured diagonally)

▶ **39LN549E**
39" class (38.5" measured diagonally)

▶ **32LN549E**
32" class (31.5" measured diagonally)

shrimp salad
345 calaries
$8.99

eggplant ratatouille 151 calories $6.99
granola & soft boiled egg 531 calories $7.99
deli sandwhich 485 calories $8.99

healthy alternative menu

Digital Signage + Television : Billboard TV

The LG EzSign TV is the world's first TV that comes with a signage function. Run messages on the TV screen in the form of a billboard without additional hardware. Advertisements, information and broadcast content can be arranged on the same screen to attract attention and deliver specific messaging to your customer base.

$ **COST EFFECTIVE**
No need to buy a media player - Create your own signage content by using your PC and the free EzSign TV software. Transfer that content by using a USB flash drive and plug it in to the EzSign TV to run it.

CUSTOMIZED TO YOUR NEEDS
Signage content can be customized for your business - The LG EzSign TV allows you to create your own signage content and make revisions on the fly.

FAST AND EASY
Edit content quickly and easily - Select one of the pre-made templates. Add your images and text to it. It's that simple.

VARIETY
Choose from a broad range of template designs - The LG EzSign TV gives you the power to choose and change according to your needs.

The Best Award Winner (two consecutive years) from the Commercial Integrator magazine for digital signage hardware and the product of the year from CRN, the LG EzSign TV is an innovation in digital signage that can entertain while maximizing the impact of your message.

2012 WINNER
2011 WINNER
CRN PRODUCTS OF THE YEAR 2011

LG
Life's Good
LGsolutions.com

LG EzSign TV Free Software v2.0

CREATE YOUR CONTENT IN 4 SIMPLE STEPS

STEP1 Choose a Template

Choose from a wide array of pre-installed templates.

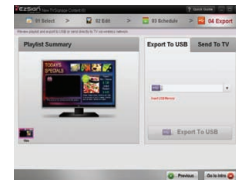**STEP2** Edit Content - Photos & Text

Add text and drag and drop your image files into the content boxes.

STEP3 Scheduling

Schedule events.

STEP4 Export to TV - USB/Wireless

Export your content to the TV via USB or Wirelessly.

FREE TEMPLATES*
56 high quality FREE templates are available that can easily be updated.
* Templates can not be modified.

ADD PHOTOS
Take or upload photos at the business site and insert into a template.

ENTER TEXT EASILY
Created by LG, this program offers the click-and-write function, easy even for beginners.

Optimized Features for Commercial Use

FOR EFFICIENT MANAGEMENT

PUBLIC DISPLAY MODE
From channel selection to energy-saving features, Public Display Mode allows you to control the TV settings in your business area prevent misuse by customers, set volume limits, or restore factory defaults on any TV. You are in control of it all.

USB CLONING
The USB Cloning feature allows you to simply copy the TV settings onto all TVs using a USB stick, a process that is fully automated to save time without having to set each TV one by one.

Public Display Mode Setup

Hotel Mode Operation	◀ Yes ▶
•Power On Status	STD
•Setup Menu Display	Yes
•Programme Change	Yes
•Input Source Change	Yes
•Menu Display	Yes
•OSD Display	Yes
•LG IR Operation	Yes
↰ Previous	○ OK

Receiving from USB
Loading...   ○ OK

USB

WELCOME SCREEN
Welcome visitors with a warm greeting message that includes your business name and logo.

Welcome

MULTI IR
Multi IR function eliminates the remote control signal interference between TVs in multiple dwelling rooms. This system will work using the same LG TV model.

(Optional 124-213-10 required)

RS232C CONTROL
Via the TV's RS-232C port, you can remotely control multiple TVs' power and volume settings simultaneously.

RS232C

FOR CONVENIENCE & ENTERTAINMENT

EXTERNAL SPEAKER OUT
Enhance the entertainment experience by adding an additional speaker, visitors to listen to and control the TV audio from anywhere in your business area, including restrooms.
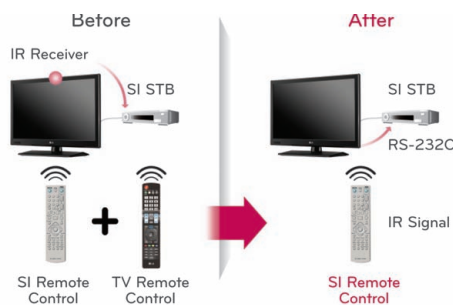
Speaker out

REMOTE JACK PACK
The plug and play function with compatible Remote Jack Pack enables guests to view media from their portable devices on the TV screen seemlessly.

MP3 | Digital Camera | Mobile | Laptop

IR OUT
IR Out enables customized set-top boxes to receive IR signals via LG TV Signage. This added convenience requires only simple connections and allows easy management using a single remote control.

Before

IR Receiver
SI STB

SI Remote Control   +   TV Remote Control

After

SI STB
RS-232C

IR Signal

SI Remote Control

USB 2.0
You can play images and videos from and record TV programs to external storage devices. Immediate recording and reserved recording options are available.

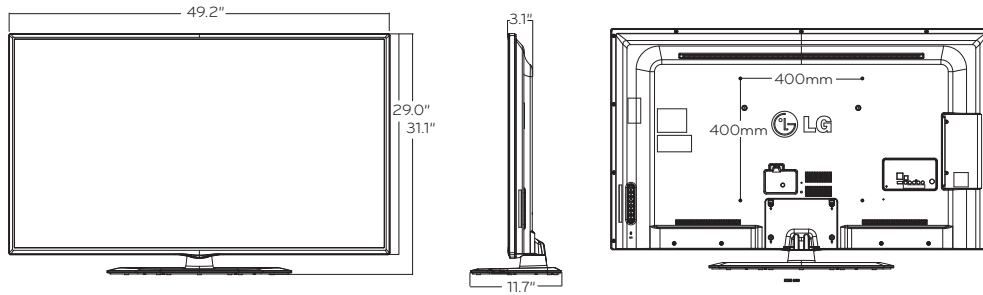Photo Digital Camera | Music MP3 Player | Photo+Music USB Memory | Photo+Music Card Reader

when it's green.

LG is committed to improving product development, manufacturing and usage to meet the demand for products with environmentally friendlier features. Our televisions have technologies to reduce power consumption and in return increase cost savings per room.
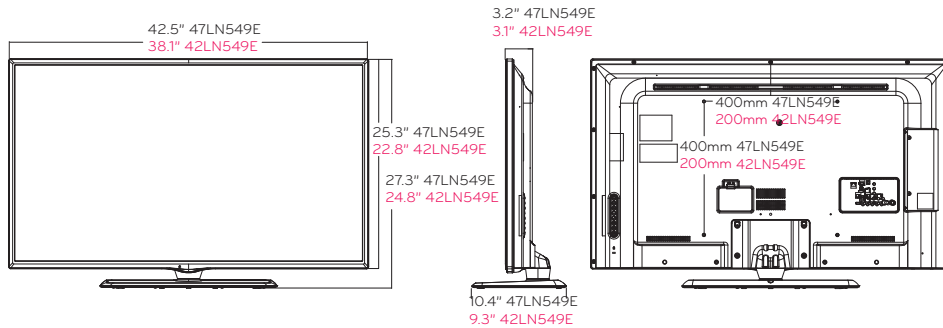
EcoSmart
- • Energy Saving Levels - Manually select your choice for the brightness level for the television.
- • **CEC Compliant** - Meets the Appliance Efficiency Regulations of the California Energy Commission.
- • **RoHS Compliant** - Meets directive on restriction of hazardous substances.
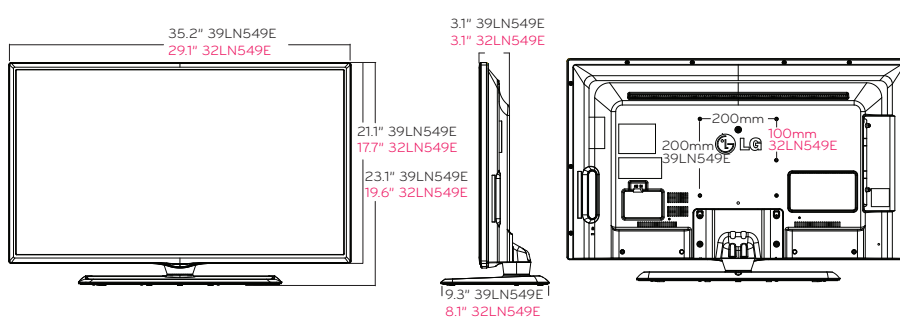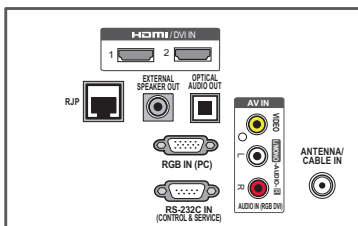- • **Energy Star 6.0 Qualified** - Meets current reduction requirements of energy consumption.
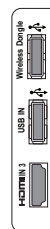
55LN549E

49.2"
3.1"
29.0"
31.1"
11.7"
400mm
400mm
LG

47LN549E/42LN549E

42.5" 47LN549E
38.1" 42LN549E
3.2" 47LN549E
3.1" 42LN549E
25.3" 47LN549E
22.8" 42LN549E
27.3" 47LN549E
24.8" 42LN549E
400mm 47LN549E
200mm 42LN549E
400mm 47LN549E
200mm 42LN549E
10.4" 47LN549E
9.3" 42LN549E

39LN549E/32LN549E

35.2" 39LN549E
29.1" 32LN549E
3.1" 39LN549E
3.1" 32LN549E
21.1" 39LN549E
17.7" 32LN549E
23.1" 39LN549E
19.6" 32LN549E
200mm
200mm 39LN549E
100mm 32LN549E
9.3" 39LN549E
8.1" 32LN549E

Rear Jack Panel

HDMI/DVI IN
1 2
RJP
EXTERNAL SPEAKER OUT
OPTICAL AUDIO OUT
AV IN
VIDEO
AUDIO
ANTENNA/ CABLE IN
RGB IN (PC)
RS-232C IN (CONTROL & SERVICE)
AUDIO IN (RGB DVI)

Side Jack Panel

Wireless Dongle
USB IN
HDMI IN 3

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42" class (41.9" measured diagonally)

▶ **39LN549E**
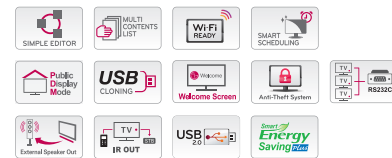39" class (38.5" measured diagonally)

▶ **32LN549E**
32" class (31.5" measured diagonally)

HOSPITALITY   DIGISIGN

PANEL	Model	55LN549E	47LN549E	42LN549E	39LN549E	32LN549E
	Backlighting	Direct LED				
	LCD Panel Type (measured diagonally)	55" Class (54.6")	47" Class (46.9)	42" Class (41.9")	39" Class (38.5)	32" Class (31.5")
	Native Resolution	1920 x 1080 (FHD)				1366 x 768 (HD)
	Brightness	300cd/m²				
	Dynamic CR	1,000,000:1				
	Viewing Angle (HxV)					
	Response Time	9ms		9.5ms		9ms
	Frame Rate	60Hz				
VIDEO	Built-In Tuner	ATSC/NTSC/Clear QAM				
	XD Engine	Yes				
	24p Real Cinema (24p 5:5/2:2 Pulldown)	Yes				
	Eye Care (Anti Dazzling)	Yes				
AUDIO	Audio Output	20W (10W x 2)				
	Speaker System	1 Way 2 Speakers				
	Infinite Sound	Yes				
	Invisible Speaker	Yes				
	Clear Voice II	Yes				
SPECIAL FEATURES	RF(1/2Tuner)	Yes (1 Tuner)				
	Simplink	Yes (HDMI-CEC)				
	SI Compatible (TVLink Protocol)	Yes (TV Link Tuner)				
	WiFi	Optional LG USB dongle (AN-WF100)				
	Hotel Mode/ PDM /Installer Menu	Yes				
	IR Out	Yes (RS-232C)				
	External Speaker Out	Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type(GRD,L+,R+), 1W with 8Ω)				
	RJP Interface	Yes (RJ45, HDMI)				
	RJP Compatibility	LG,Teleadapt (RJ45, HDMI CEC), G-Link(HDMI-CEC)				
	USB	USB2.0, USB Auto Play back, USB Cloning				
	Moving Picture Playback (SD/HD/Plus HD)	Divx HD				
	Picture	JPEG				
	Audio Codec	AC3(Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM				
	USB Cloning	USB 2.0				
	Multi IR Code	Yes				
	Welcome Screen (Splash Image)	Yes				
	Auto Off / Auto Sleep	Yes				
	Video Mute	Yes				
	Smart Energy Saving	Yes				
	Anti-theft System	Kensington Lock				
	Credenza Bracket	Yes				

INPUTS/ OUTPUTS	Model	55LN549E	47LN549E	42LN549E	39LN549E	32LN549E
	USB (2.0)	2 Side (1 for Wifi-Dongle)				
	RF In	1 Rear				
	AV In	1 Rear				
	Digital Audio Out (Coaxial / Optical)	1 Rear (Optional)				
	HDMI/HDCP Input	3 (2 Rear, 1 Side)				
	RGB In (D-sub 15pin) - PC	1 Rear				
	PC Audio Input	1 (Sharing with AV In)				
	RS-232C (D-Sub 9pin)	1 Rear				
	RJ45 (RJP interface)	1 Rear				
	External Speaker Out (3.5mm phone jack)	1 Rear				
CABINET	Bezel Width (off Bezel) (mm)	18.7mm, 23.3mm		17.3mm, 21.9mm	18.9mm, 23.5mm	18.7mm, 23.3mm
	With Stand	49.2" x 31.1" x 11.7"	42.5" x 27.3" x 10.4"	38.1" x 24.8" x 9.3"	35.2" x 23.1" x 9.3"	29.1" x 19.6" x 8.1"
	Weight	46.7 lbs.	32.0 lbs.	23.6 lbs.	21.4 lbs.	15.4 lbs.
	Without Stand	49.2" x 29.0" x 3.1"	42.5" x 25.3" x 3.1"	38.1" x 22.8" x 3.1"	35.2" x 21.1" x 3.1"	29.1" x 17.7" x 3.1"
	Weight	42.1 lbs	28.9 lbs	21.2 lbs	18.9 lbs	14.1 lbs
	Carton	61.0" x 33.1" x 8.3"	52.4" x 29.5" x 6.9"	45.3" x 26.0" x 6.9"	42.3" x 25.2" x 6.5"	35.5" x 20.9" x 6.4"
	Weight	59.5 lbs.	40.6 lbs.	31.3 lbs.	28.2 lbs.	20.3 lbs.
	Swivel	±90°				±15°
	Color	Black with Hairline Finish				
	VESA™ Standard Mount Interface	400mm x 400mm		200mm x 200mm		200mm x 100mm
	Credenza Bracket	Yes	Yes	Yes	Yes	No
	Flame Retardant	Yes (Back Cover only)				
REQUIRED LISTINGS	Safety	cUL, UL, NOM, FCC				
	RoHS	Yes				
	Energy Star 6.0	Yes				
UPC		7 19192 90448 4	7 19192 90447 7	7 19192 90446 0	7 19192 91560 2	7 19192 90444 6
POWER	Power Source	100~240V 50/60Hz				
	Watts (Typical)	82W	70W	55W	48W	41.1W
	Stand-by	0.5W				
WARRANTY	2 Year Limited Warranty (Parts/Labor/Backlight)					

ENERGY GUIDE

The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for models 55LN549E, 47LN549E, 42LN549E, 39LN549E and 32LN549E are $17, $14, $11, $10 & $9 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)).

Required PC spec for installation: Pentium M or 4 CPU, 512MB RAM, Windows XP sp2, 200MB HDD

SIMPLE EDITOR | MULTI CONTENTS LIST | Wi-Fi READY | SMART SCHEDULING
Public Display Mode | USB CLONING | Welcome Screen | Anti-Theft System | TV RS232C
External Speaker Out | IR OUT | USB 2.0 | Smart Energy Saving Plus

LED · HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE · ENERGY STAR

LG
Life's Good
LGsolutions.com

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

SPEC_LN549E_041310_PR   ♻ Printed in the USA. May 2013