47" CLASS (47.0" MEASURED DIAGONALLY)   **47LD452C**
42" CLASS (42.0" MEASURED DIAGONALLY)   **42LD452C**
37" CLASS (37.0" MEASURED DIAGONALLY)   **37LD452C**
32" CLASS (31.5" MEASURED DIAGONALLY)   **32LD452C**

LCD Commercial Widescreen Integrated HDTV

PUBLIC DISPLAY SETTINGS - CLONING CAPABLE

EcoSmart™
Energy Saving Levels

ENERGY STAR® 4.1 AND RoHS COMPLIANT

AUTO SENSING REMOTE JACK PACK (RJP) COMPATIBLE*

Pro:Centric™ ST

DYNAMIC CONTRAST RATIO
60,000:1

NATIVE DISPLAY RESOLUTION
1920 x 1080 full HD 1080p (37"/42"/47" class)
1366 x 768 (32" class)

BUILT-IN ATSC/NTSC/QAM CLEAR TUNER

INVISIBLE SPEAKER SYSTEM
Hidden speaker grilles

LG'S EXCLUSIVE XD ENGINE®

MULTI REMOTE IR CODE

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

2 YEAR LIMITED WARRANTY
(parts and labor)

*NOTE: Contact your LG Sales representative on the RJPs that are compatible with the LD452C series.

www.LGsolutions.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 LD452C 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 4.1 Qualified** - 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)

BED1/2/3/4 REMOTE CONTROLABILITY

LG TVs with Bed 1/2/3/4 function eliminates the remote control signal interference between TVs in multiple dwelling rooms. This system will work using the same LG TV model.
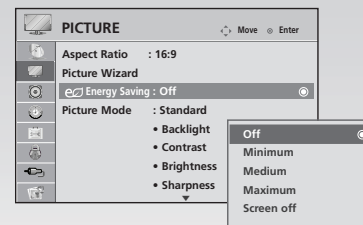

CONNECTIVITY

As a versatile addition to the TV viewing experience, LG's optional auto-sensing Remote Jack Packs (RJP)*, can serve as a multimedia hub that can be installed conveniently on a table or in a wall. Connect portable devices such as a laptop, mp3 player, or a digital camera to display images, play video or music from the set.

USB 2.0
MEDIA HOST

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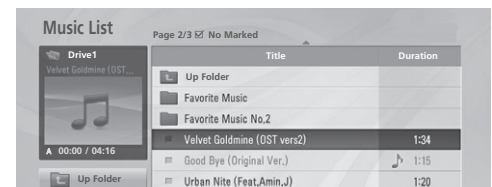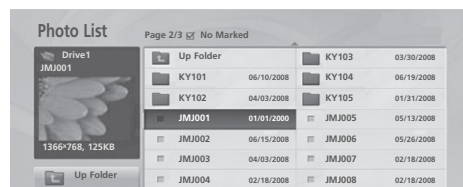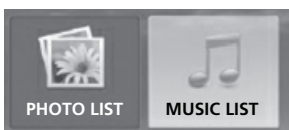
PUBLIC DISPLAY SETTINGS

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.
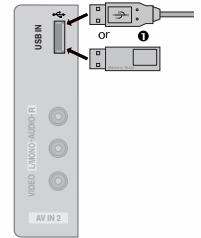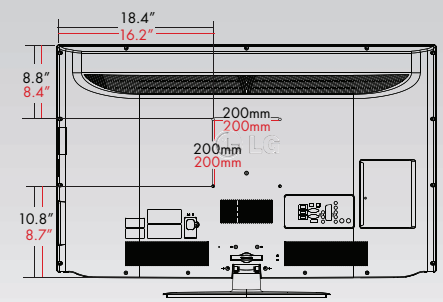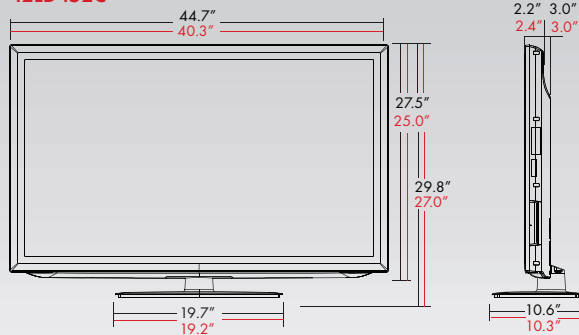

DIMENSIONS

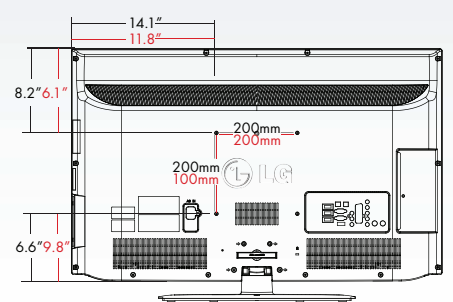## invisible SPEAKER

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

4-Screws (provided)
STAND BODY
COVER BASE

47LD452C
42LD452C

44.7"
40.3"
27.5"
25.0"
29.8"
27.0"
19.7"
19.2"

2.2" 3.0"
2.4" 3.0"
10.6"
10.3"

18.4"
16.2"
8.8"
8.4"
200mm
200mm
200mm
200mm
10.8"
8.7"

37LD452C
32LD452C

36.1"
31.5"
22.6"
19.9"
24.6"
21.9"
19.2"
15.7"

2.2" 3.0"
2.2" 2.9"
10.3"
8.14"

14.1"
11.8"
8.2" 6.1"
200mm
200mm
200mm
100mm
6.6" 9.8"

REAR

HDMI/DVI IN
1
REMOTE CONTROL IN
RS-232C IN (CONTROL&SERVICE)
RGB IN (PC)
AV IN 1
VIDEO L(MONO) AUDIO R
EXTERNAL SPEAKER OUT
L R
RJP
OPTICAL DIGITAL AUDIO OUT
AUDIO IN (RGB/DVI)
Y P_B P_R
VIDEO
L AUDIO R
COMPONENT IN
ANTENNA /CABLE IN

SIDE

USB IN
HDMI/DVI IN
AUDIO/VIDEO
VIDEO
AV IN 2
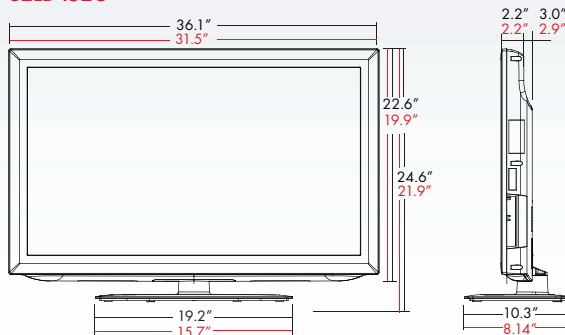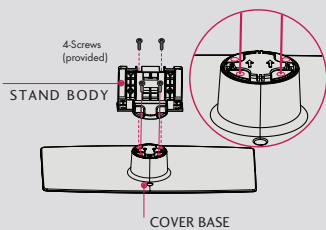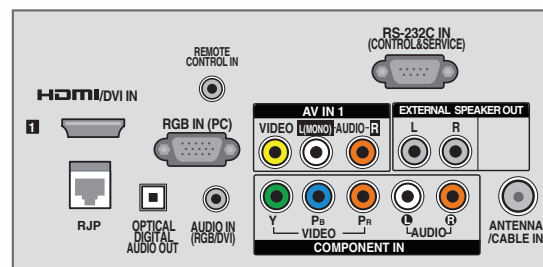
47LD452C 47" CLASS (47.0" MEASURED DIAGONALLY)
42LD452C 42" CLASS (42.0" MEASURED DIAGONALLY)
37LD452C 37" CLASS (37.0" MEASURED DIAGONALLY)
32LD452C 32" CLASS (31.5" MEASURED DIAGONALLY)

SPECIFICATIONS

LCD SPECIFICATION

Screen Size (Class)	47" class (47.0" measured diagonally)
	42" class (42.0" measured diagonally)
	37" class (37.0" measured diagonally)
	32" class (31.5" measured diagonally)
Native Display Resolution	1920 x 1080 (37",42", 47" class)
	1366 x 768 (32" class)
Dynamic Contrast Ratio	60,000:1
Viewing Angle	178°/178°
Color Reproduction	10 Bit
Response Time (G to G)	4ms
True Viewing Angle	Yes
Life Span (Typical)	60,000 hrs

BROADCASTING SYSTEM

Analog	Yes
ATSC/NTSC/Clear QAM	Yes
MPEG4	Yes

VIDEO

Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes (16:9/Just scan/Set by program / 4:3/Zoom/Cinema Zoom)
Color Temperature Control	3 Modes (Cool/Medium/Warm)
Picture Status Mode	7 Modes (Vivid/Standard/Cinema/Sport/ Game/Expert 1/Expert 2)
Just Scan (0% over scan)	
HDMI	1080i/1080p/720p
Component	1080i/1080p/720p
RF/DTV	1080i/720p
24p Real Cinema (24p 5:5/2:2 Pull down)	Yes
Eye Care (Anti Dazzling)	Yes
Fresh White	Yes
Expert Mode/ ISF Ready	Yes
Picture Wizard	Yes
AV Mode (Cinema/Game/Sport)	Yes
xvyCC	Yes
DTV Signal Strength	Yes

AUDIO

Audio Output	10W x 2
Invisible Speaker System Details	1 Way 2 Speaker
Dolby Digital 5.1 Decoder	Yes
Surround System Type	Infinite Sound
Bass/Treble/Balance Controls	Yes
Auto Volume Leveler	Yes
EZ Sound Mode/SSM	5 Modes
Clear Voice II	Yes

SPECIAL FEATURES

XD Engine	Yes
Energy Saving Modes	Yes (Backlight Control, Video Mute)
EPG(SI)	Yes (Pro:Centric)
1080p Source Input	Yes HDMI/Component (60/30/24p), RGB (WXGA)
A/V Input Navigation	Yes
Input Labeling/Sub-title	Yes
LG SIMPLINK™ (HDMI CEC)	Yes
Parental Control w/V-Chip	Yes
Key Lock/Child Lock	Yes
Customizable Closed Caption/Sub-title	Yes
Splash Image - Logo (on start up)	Yes
Multi Remote IR code (Bed1/2/3/4)	Yes
Auto-Sensing RJP compatible	Yes (with select RJP versions)
Bed 1/Bed 2/ Bed 3/ Bed 4 Control	Yes
PictureWizard	Yes
TVLink-Protocol (Tuner, Loader)	Yes
USB Cloning (USB Link Loader)	Yes
1080p Source Input	
HDMI	60p/30p/24p
Component	60p/30p/24p
RGB	WXGA
Quick View (Flashback)	Yes
e-Streamer	Yes (for shop mode)
OSD Language	4 (English/Spanish/French/Korean)
Quick Menu (Round Type-8 menus selectable)	Yes (Aspect Ratio/SAP/Picture Mode/Sound Mode/Audio/Sleep Timer/Ch Add/USB Eject)

Alvin UI	Yes
Function Menu	Yes
Installation Menu	Yes (v2.6)

CONVENIENCE FEATURES

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)
HD Component Video In (Y, Pb, Pr) + L/R Audio	1
Digital Audio Out (Optical)	1
HDMI/HDCP Input (V1.3 with Deep Color)	1 (side), 1 (rear)
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°
Top Side Mounting Screw	Yes
TORX Security Screw (2 each)	Yes
Power Indicator	Yes (on/off)
Fire Retardant Cabinet Material	Yes
Kensington Security System Slot	Yes
VESA® Mount Compatible	Yes
Remote Control	Yes

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
Stand-by Mode (typ.)	0.2W (EPA 4.0)
Power Consumption Max	180W (32" class), 200W (37" class) 260W (42" class), 330W (47" class)
Power Consumption Typical	78W (32" class), 95W (37" class) 115W (42" class), 138W (47" class)
Dynamic Power Savings	Yes
Static Power Savings	Yes

REQUIRED APPROVALS

ENERGY STAR® 4.1 Qualified	Yes
RoHS Compliant	Yes
UL, cUL, NOM	Yes

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	31.5" x 19.9" x 2.9" (32" class)
	36.1" x 22.6" x 3.0" (37" class)
	40.3" x 25.0" x 3.0" (42" class)
	44.7" x 27.5" x 3.0" (47" class)
TV with stand (WxHxD)	31.5" x 21.9" x 8.1" (32" class)
	36.1" x 24.6" x 10.3" (37" class)
	40.3" x 27.0" x 10.3" (42" class)
	44.7" x 29.8" x 10.6" (47" class)
Shipping Dimensions (WxHxD)	38.0" x 23.2" x 7.5" (32" class)
	39.2" x 26.0" x 9.0" (37" class)
	43.6" x 30.3" x 9.0" (42" class)
	48.8" x 31.6" x 10.0" (47" class)
TV without stand weight	17.9 lbs (32" class)
	23.8 lbs (37" class)
	29.8 lbs (42" class)
	38.6 lbs (47" class)
TV with stand weight	20.1 lbs (32" class)
	27.6 lbs (37" class)
	33.3 lbs (42" class)
	43.0 lbs (47" class)
ShippingWeight	24.9 lbs (32" class)
	35.1 lbs (37" class)
	41.7 lbs (42" class)
	52.7 lbs (47" class)

SERVICE/LIMITEDWARRANTY

	2 Years (Parts/Labor)

UPC CODE

32LD452C	7 19192 90204 6
37LD452C	7 19192 90205 3
42LD452C	7 19192 90206 0
47LD452C	7 19192 90207 7

FULL**HD** 1080P   **HDTV**   **DOLBY DIGITAL**   **SRS TruSurround XT**   CLEAR VOICE   CINEMA   **invisible** SPEAKER

AV MODE   *isf* ccc   SIMPLINK   HDMI   20° Swivel Stand   USB 2.0   XD ENGINE

Picture Wizard   Smart Volume Controller

www.LGsolutions.com

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Channel: 800.897.8871
Hospitality: 800.228.1236
E-mail: info@LGsolutions.com

SPEC_LD452C_041120_PR

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

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