

*Bring your Exhibits Alive™
with the spectacular color and clarity of
high definition widescreen video displays!*



47" and 42" Widescreen HiDef LCD TV/Monitor

FULL 1080P HIGH DEFINITION DISPLAY
Native Display Resolution: 1920 x 1080

DYNAMIC CONTRAST RATIO
50,000:1

PUBLIC DISPLAY SETTINGS

Great for use in public areas, these HiDef TVs can be programmed to turn on:

- at a specified channel/volume level;
- with a set minimum/maximum volume;
- with a set aspect ratio;
- with the control panel/remote locked;
- to return to the default settings.

CLONE CAPABLE

Public Display Settings can be transferred from the "master" TV to other same type TVs with an optional Cloner Remote Control and a USB cable/drive.

INVISIBLE SPEAKER SYSTEM

Hidden speaker grilles and stylish design result in a clean, polished look and an enhanced auditory experience by providing a wider sound field.

2 HDMI™ INPUTS WITH HDCP
V.1.3 with deep color

USB 2.0 MEDIA HOST FOR PHOTOS & MUSIC

BUILT-IN ATSC/NTSC/QAM CLEAR TUNER

REAL CINEMA™ / CLEAR VOICE II

2-YEAR LIMITED WARRANTY

Butterfly photo:
Oleg Zabielin, PhotoXpress.
Background photo:
Itasca State Park, Minnesota.
No endorsement implied.



EcoSmart™ Energy Saving Levels
RoHS Compliant

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

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 (DSub 15 pin) - 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

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	45.0" x 28.5" x 3.9" (47") 40.5" x 25.9" x 3.5" (42")
TV with stand (WxHxD)	45.0" 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)

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

POWER

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

BROADCASTING SYSTEM

Analog	Yes
ATSC/ NTSC/ Clear QAM	Yes

FEATURES

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/ Subtitle	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/ Subtitle	Yes
SIMPLINK (HDMI CEC)	Yes

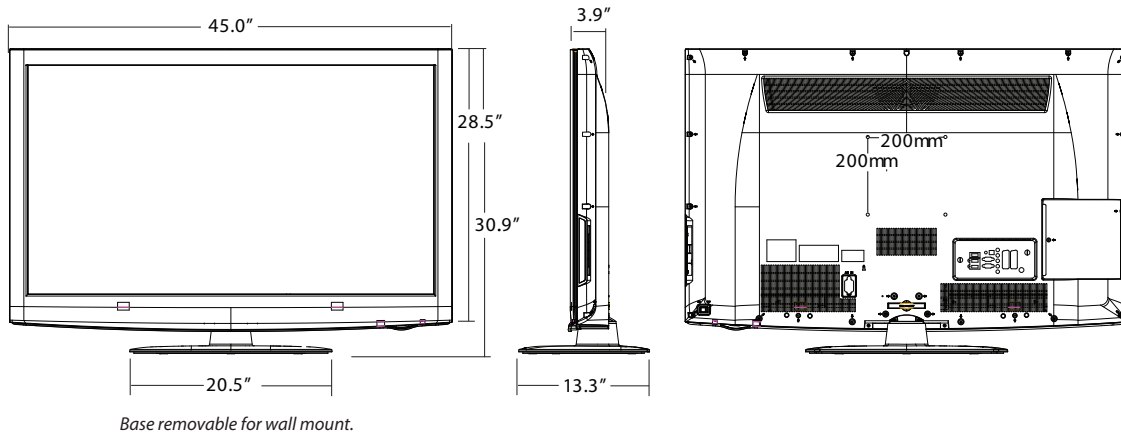
CONVENIENCE FEATURES

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

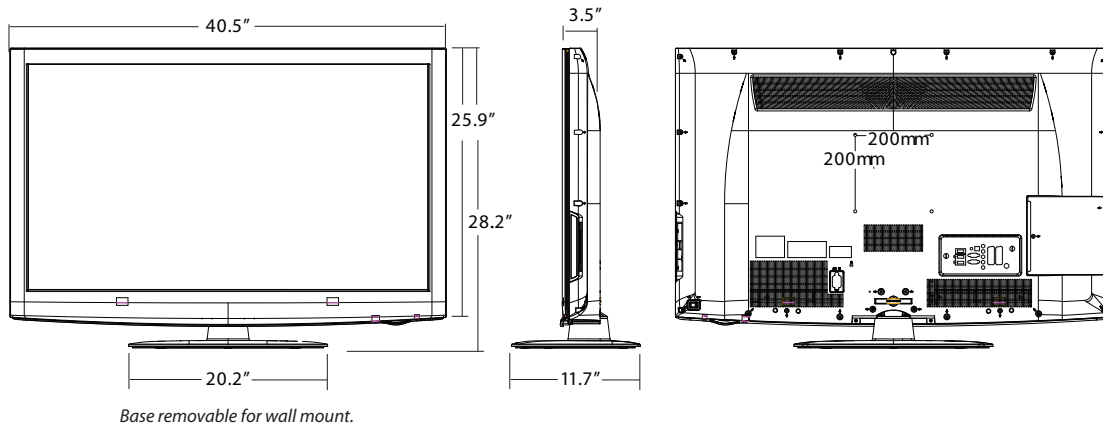
CABINET/ACCESSORIES

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 Mount Compliant (WxH)	200mm x 200mm M6 screw (47", 42")
Remote Control	Yes

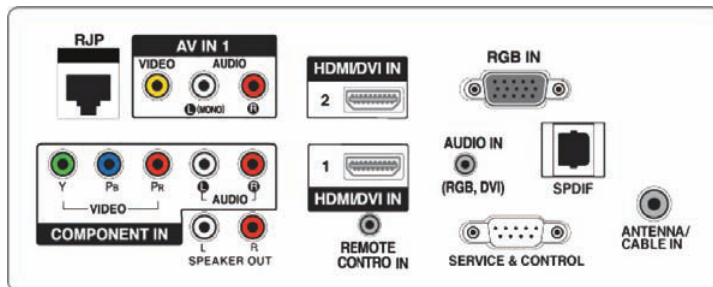
47" Diagonal



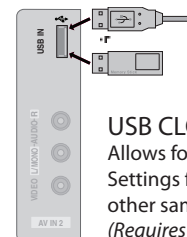
42" Diagonal



REAR



SIDE



USB CLONING
 Allows for transfer of Public Display Settings from the "master" TV to other same type TVs.
 (Requires optional Cloner Remote.)