

## LCD TV

# 46LD550

## 46" CLASS

45.9" diagonal

### HIGHLIGHTS

NetCast™ Entertainment Access  
Wireless 1080p Ready  
TruMotion 120Hz



### FEATURES

- NetCast Entertainment Access\*  
(Wi-Fi® Ready)
- Wireless 1080p Ready\*
- DLNA Certified® (JPEG only)
- TruMotion 120Hz
- Full HD 1080p Resolution
- 150,000:1 Dynamic Contrast Ratio
- Picture Wizard II  
(Easy Picture Calibration)
- Smart Energy Saving
- Intelligent Sensor
- AV Mode  
(Cinema, Sports, Game)
- Clear Voice II
- ISFccc® Ready
- 24P Real Cinema
- USB 2.0 (JPEG, MP3, DivX HD)
- DivX® HD
- 4 HDMI™ 1.3 Inputs
- SIMPLINK™ Connectivity
- Dolby® Digital 5.1 Decoder
- Infinite Sound



## Is it a TV? Or something better?

The future of entertainment is broadband TV and the LD550 with NetCast Entertainment Access lets you tap into it today. Beyond the virtually limitless possibilities of accessing movies, shows and info direct from the Internet, the LD550 gives you Wireless HD capabilities, along with an array of LG innovations that will change your expectations about TV.



Entertainment on tap. NetCast Entertainment Access brings the best Internet services direct to your TV—no computer required. Instantly access movies and TV shows, news and weather and the world's largest library of HD movies in 1080p.



Full HD where you want it. The best place for your TV isn't always near the cable. Wireless 1080p Connectivity lets you cut loose from messy wires and still get a stunning Full HD picture.



Less blur. More action. 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.



**PANEL SPECIFICATION**

Screen Size	46" Class (45.9 diagonal)
Resolution	1920 x 1080p
Dynamic Contrast Ratio	150,000:1
Viewing Angle	178°/178°
Response Time (GTG)	2.4ms
TruMotion 120Hz	•
Life Span (Typical)	60,000 hrs

**VIDEO**

Built-In Tuner	ATSC/NTSC/Clear QAM
XD® Engine	•
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes
Just Scan (1:1 Pixel Matching)	
HDMI™	1080p/1080i/720p
Component	1080p/1080i/720p
RF	1080i/720p
Color Temperature Control	3 Modes
24p Real Cinema (5:5/2:2 Pulldown)	•
3:2 Pulldown	•
Picture Reset	•
AV Mode	•
Picture Mode	8 Modes
ISFccc® Ready	•
Intelligent Sensor Mode	•
x.v.Color™	•
DTV Signal Strength Indicator	•

**AUDIO**

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	20W (10W x 2)
Speaker System Details	2 Way 4 System
Dolby® Digital Decoder	•
Surround System	Infinite Sound
Bass/Treble/Balance Controls	•
Clear Voice II	•
Auto Volume Leveler II	•
EZ Sound Mode	5 Modes

**BROADBAND**

NetCast™ Entertainment Access	•
Yahoo!® TV Widgets	•
Netflix® Instant Streaming Ready	•
Vudu™ (Streaming)	•
YouTube™	•
Picasa™ Web Albums	•
DLNA® Certified	• (JPEG only)

**SPECIAL FEATURES**

Wireless 1080p Ready (WHDITM)	•
Wi-Fi® Ready	•
Picture Wizard II	•
Backlight Control	•
Smart Energy Saving	•
1080p Source Input	
HDMI™	60p/30p/24p
Component	60p/30p/24p
RGB	60p (WXGA)
A/V Input Navigation	•
Input Labeling	•
Quick View (Flashback)	•

**SPECIAL FEATURES (CONTINUED)**

Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
SIMPLINK™ (HDMI CEC)	•

**CONVENIENCE FEATURES**

Language	4 (English/Spanish/French/Korean)
Auto Tuning/Programming	•
Channel Add/Delete	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off/Auto Sleep (When no video is present)	•

**AUDIO/VIDEO INPUTS/OUTPUTS**

RF In (Antenna/Cable)	1 (rear)
AV In	1 (rear) 1 (side)
Component Video In (Y, Pb, Pr) + Audio	2 (rear)
Digital Audio Out (Optical)	1 (rear)
HDMI™ 1.3/HD-DCP Input	3 (rear) 1 (side)
RGB In (D-Sub 15pin) - PC	1 (rear)
PC Audio Input	1 (rear)
LAN	1 (rear)
RS-232c In (Control/Service)	1 (rear)
USB 2.0 (JPEG, MPEG-4/DivX HD)	2 (side)
Wireless Control	1 (rear)
Headphone Out	1 (side)

**CABINET/ACCESSORIES**

Cabinet Color	Glossy Black/Noble Titan
Swivel Stand (Degrees)	+20°/-20°
VESA® Compliant (WxH)	• (600mm x 400mm)
Remote Control	1 (Unified)

**POWER**

Voltage, Hz	100V ~ 240V, 50/60Hz
On Mode (Average)	TBD
Standby Mode	<0.1W

**DIMENSIONS & WEIGHT**

TV Without Stand (WxHxD)	43.9" x 26.8" x 3.0"
TV With Stand (WxHxD)	43.9" x 29.6" x 10.6"
Shipping Dimensions (WxHxD)	46.4" x 30.6" x 9.3"
TV Without Stand Weight	36.6 lbs
TV With Stand Weight	41.0 lbs
Shipping Weight	49.6 lbs

**WARRANTY/UPC**

Limited Warranty	1 Year Parts & Labor
UPC	719192177222

**REMOTE/INPUT/OUTPUTS (REAR/SIDE)**