

LCD TV

47LD650

47" CLASS

47.0" diagonal

HIGHLIGHTS

NetCast™ Entertainment Access
Wireless 1080p Ready
TruMotion 240Hz



FEATURES

- NetCast Entertainment Access*
(Wi-Fi® Ready)
- Wireless 1080p Ready*
- TruMotion 240Hz
- Full HD 1080p Resolution
- 200,000:1 Dynamic Contrast Ratio
- Picture Wizard II
(Easy Picture Calibration)
- Smart Energy Saving
- ENERGY STAR® 4.0 Rated
- Intelligent Sensor
- AV Mode II
(Cinema, Sports, Game)
- Clear Voice II
- ISFccc® Ready
- 24P Real Cinema
- USB 2.0 (JPEG, MP3, DivX HD)
- DivX® HD
- 4 HDMI™ V.1.3 w/Deep Color
- SIMPLINK™ Connectivity
- Dolby® Digital 5.1 Decoder
- Infinite Sound



Is it a TV? Or something better?

There's nothing more exciting in entertainment than broadband TV and the LD650 with NetCast™ makes you a part of it. Beyond instant access to movies, shows and info direct from the Internet, the LD650 gives you gives you the freedom of Wireless 1080p capabilities, along with other smart LG technologies and features that will boost your enjoyment.



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.



Unblur the action. See sports, video games and high-speed action with virtually no motion blur and in crystal clarity with LG's TruMotion™ 240Hz technology. Now your TV can keep up with the fastest moving scenes.



PANEL SPECIFICATION

| | |
|---------------------------------|----------------------------|
| Screen Size | 47" Class (47.0" diagonal) |
| Resolution | 1920 x 1080p |
| Brightness (cd/m ²) | TBD |
| Dynamic Contrast Ratio | 200,000:1 |
| Viewing Angle | 178°/178° |
| Response Time (GTG) | 2ms |
| TruMotion 240Hz | • |
| 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 II | • |
| 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 | • |
| Skype™ Ready | • |
| DLNA® Certified | • |

SPECIAL FEATURES

| | |
|------------------------------|-------------|
| Wireless 1080p Ready (WHDI™) | • |
| 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 | • |

SPECIAL FEATURES (CONTINUED)

| | |
|---------------------------|---|
| Input Labeling | • |
| Quick View (Flashback) | • |
| 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™/HDCP Input (V.1.3 w/Deep Color) | 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/Opera Rose |
| Swivel Stand (Degrees) | +20°/-20° |
| VESA® Compliant (WxH) | • (200mm x 200mm) |
| Remote Control | 1 (Universal) |

POWER

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

DIMENSIONS & WEIGHT

| | |
|-----------------------------|-----------------------|
| TV Without Stand (WxHxD) | 44.8" x 27.0" x 3.0" |
| TV With Stand (WxHxD) | 44.8" x 29.8" x 10.6" |
| Shipping Dimensions (WxHxD) | 48.4" x 32.0" x 9.8" |
| TV Without Stand Weight | 40.3 lbs |
| TV With Stand Weight | 44.8 lbs |
| Shipping Weight | 54.0 lbs |

WARRANTY/UPC

| | |
|------------------|----------------------|
| Limited Warranty | 1 Year Parts & Labor |
| UPC | 719192177130 |

REMOTE/INPUTS/OUTPUTS (REAR/SIDE)

