



Philips
Hospitality LCD TV

107cm/42"

b-LAN™, Pro:Idiom®, MPEG-4



42HFL5581L

Experience Hospitality TV

The L (Synergy) Series

The Philips L Series is a turnkey solution featuring our V series television, Meet the Truck professional installation, a Philips Smart Gateway, and an additional year advanced exchange warranty (3 total).

Sustainable solutions

- SmartPower³ for the best picture and ultra low power use
- ENERGY STAR® qualified product
- Eco-friendly design & flame retardant housing

Guest experience

- ThemeTV simplifies channel selection
- SmartCP integrated connectivity for the guest
- SmartWindow for simultaneous TV viewing and PC use.
- Full HD LCD display, with a 1920x1080p resolution

Operational excellence

- SmartInstall allows easy installation, cloning and setup
- SmartUpdate keeps TV channels, settings and software current
- Integrated two-way b-LAN™ communication with PPV support
- SmartStand² for security and elegance
- Additional year advanced exchange warranty

PHILIPS

sense and simplicity

Highlights

Additional year warranty

Philips offers unmatched commitment to keeping your guest rooms in working order. This product is sold as part of our turnkey solution which includes our Meet the Truck professional installation. As an additional benefit, since a Philips partner installed the television, we extend the warranty for one additional year (for a total of three years) to provide even more peace of mind.

Eco-friendly design

Sustainability is integral to the way Philips does business. Philips TVs are designed and produced according to our EcoDesign principles aimed at minimizing overall environmental impact, through lower power consumption, removal of hazardous substances, lower weight, more efficient packaging and better recyclability. Philips TVs also have a special housing of flame retardant material. Independent tests carried out by emergency fire services have shown that whereas TVs can sometimes intensify fires caused by external sources, Philips TVs will not contribute to the fire.

ENERGY STAR®



This product has earned the ENERGY STAR®. ENERGY STAR qualified products meet or exceed the guidelines established by the U.S. government for in-use and standby power consumption, at the time of manufacture. Learn more at ENERGYSTAR.gov.

Everyday support (USA-based)

Your hotel never closes, and neither do we. Philips offers you real help from a live person 7 days a week, excluding major holidays.

Full HD LCD display 1920x1080p



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

Integrated two-way b-LAN™

Philips televisions feature the LodgeNet Interactive b-LAN™ communication protocol built into the TV. This allows for simple and reliable cloning, customizing, and updating of our products. By integrating b-LAN™, these televisions also work right out of the box in all LodgeNet® systems, without any need for terminals or cards.

SmartCP autosensing inputs

Allowing your guests to access their content has never been easier or more affordable. Guests can simply plug devices into our easily accessible side connectivity panel and the television will automatically detect and switch to the correct input. Guests can even plug their USB memory sticks right into the set and play back music or photos (.mp3 or .jpg files).

SmartInstall

Philips introduces SmartInstall, the most complete and easy to use installation process we have ever offered. SmartInstall consists of an easy to use PC program that allows all

features to be configured and all channels to be mapped in a fraction of the time it takes to do so on an actual television with a remote. And with the addition of the Philips Smart Gateway, the televisions can even automatically clone all settings when plugged in.

SmartPower³ with AutoSense

SmartPower³ allows the backlight intensity to be varied based on real time picture measures and actual room lighting conditions to deliver the best possible picture at the lowest possible energy consumption.

SmartStand²

Philips unique SmartStand² is a complete commercial solution, offering 180 degree swivel that can be limited in either or both directions to 30, 60, or 90 degrees. The stand includes a securable mounting plate that can be affixed either using security screws or non-drill adhesive. In addition, all security hardware for drill and non-drill mounting is included on select models (check with your Philips representative for specific models).

SmartUpdate

Philips televisions are the first to automatically keep themselves updated. All SmartUpdate featured Philips commercial televisions on the property can automatically check for and download updated channel maps, settings, and/or software. Philips televisions update in the background when new files are found, and as a result, the guest experience has minimal disruption. SmartUpdate requires a Philips Smart Gateway to operate.

SmartWindow

SmartWindow allows your guests the added convenience of working on their laptop PC's on one half of the screen while enjoying the TV content of their choice on the other half. This feature offers the perfect balance of work and leisure.



Specifications

Picture/Display

- Aspect ratio: 16:9, Widescreen
- Color cabinet: Black
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1400:1
- Dynamic screen contrast: 11200:1
- Diagonal screen size: 42 inch / 107 cm
- Picture enhancement: Pixel Plus 3 HD, Progressive scan, 3/2 - 2/2 motion pull down, 3D Combfilter, Dynamic contrast enhancement, Contrast Plus, Digital Noise Reduction, Jagged Line Suppression, Luminance Transient Improver, Color Transient Improvement, Automatic skin tone correction, Color Enhancement, Motion adaptive de-interlacing, 1080p 24/25/30Hz processing, Active Control + Light sensor
- Screen enhancement: Anti-Reflection coated screen
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V)

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1366 x 768	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	24, 25, 30, 50, 60Hz

Sound

- Sound System: Stereo, Dolby Digital (AC-3)
- Output power (RMS): 2 x 10W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Treble and Bass Control

Loudspeakers

- Built-in speakers: 2

Convenience

- Ease of Installation: Fine Tuning, PLL Digital Tuning, Program Name, Advanced Hotel Mode, Cloning of TV settings via USB, Keyboard lock-out, Security menu access
- Ease of Use: Auto Volume Leveller (AVL), Smart Picture, Smart Sound
- Screen Format Adjustments: 4:3, 7 Widescreen Modes
- Comfort: Hotel Guest features, Sleep timer, Switch on channel, Volume limitation, Welcome message
- User convenience: Closed captioning (digital), Vchip and parental lock
- Interactive hotel features: Smovie Pay TV,

- Connectivity panel compatible, Remote diagnostics, SmartClone, SmartGuide, SmartInstall, SmartSecure, SmartUpdate, SmartWindow, Integrated bLAN
- Other convenience: Kensington lock

Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Number of Preset Channels: 250
- Cable: Unscrambled Digital Cable -QAM
- Terrestrial: ATSC (8VSB)
- Aerial Input: 75 ohm F-type

Connectivity

- AV 1: Audio L/R in, CVBS in
- AV 2: Audio L/R in, YPbPr
- AV 3: VGA PC-in
- AV 4: HDMI (v1.3 with CEC)
- AV 5: HDMI (v1.3 with CEC)
- AV 6: HDMI (v1.3 with CEC)
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, USB
- Other connections: Antenna F-type, RS232 Serial, S/PDIF out (coaxial)
- Connectivity Enhancements: External Loudspeaker connector, RJ12 SmartPlug connector

Power

- Mains power: 110 - 240V, 50/60Hz
- Maximum Power Consumption: 245 W
- SmartPower High + AutoSense: 77.26 W
- SmartPower high mode: 83.83 W
- SmartPower Medium + AutoSense: 80.77 W
- SmartPower medium mode: 88.58 W
- SmartPower Low + AutoSense: 85.02 W
- SmartPower low mode: 111.49 W
- SmartPower Off + AutoSense: 86.45 W
- SmartPower Off mode: 117.58 W
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C

Dimensions

- Set dimensions in inch (W x H x D): 40.7 x 25.4 x 4 inch
- Set dimensions with stand in inch (W x H x D): 40.7 x 27.4 x 14.2 inch
- Product weight (lb): 39.7
- Product weight (+stand) (lb): 50.7 lb
- Weight incl. Packaging (lb): 62.8
- VESA wall mount compatible: 400 x 400 mm
- Box dimensions in inch (W x H x D): 52.6 x 28.7 x 11.1 inch

Accessories

- Included accessories: Warranty Leaflet, Power Cord (3m), Quick start guide, Swivel stand with anti-theft, Security Bolts (Table Stand), Security Screws (Table Stand)
- Optional accessories: Set up Remote RC2573GR, Mounting brackets/ stands, Guest remote control

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: JPEG Still pictures, MP3, Slideshow files (.alb)

Green Specifications

- Safety: Flame retardant housing
- Eco Designed
- SmartPower²
- Energy Star 3.0
- Low Power Standby



Issue date 2012-08-08

Version: 6.3.4

12 NC: 8670 000 54293
UPC: 6 09585 17447 4

© 2012 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com

* Advanced Exchange warranty is valid in the United States only. Local warranties govern sales in other countries.

* LodgeNet and b-LAN are trademarks of LodgeNet Interactive Corporation

* Pro:Idiom is a registered trademark of the Zenith corporation.