



Philips
Hospitality LCD TV

LCD

b-LAN™, Pro:Idiom®, MPEG-4



37HFL5581D

Experience Hospitality TV

The D (Economy) Series

The Philips D series offers Pay-Per-View (PPV) or Free-To-Guest (FTG) flexibility at an attractive price. These televisions meet the LodgeNet® HD Built-in Standard and offer industry standard SmartPort connectivity.

Sustainable solutions

- SmartPower² and ESP for energy savings
- ENERGY STAR® qualified product
- Eco-friendly design & flame retardant housing

Guest experience

- ThemeTV simplifies channel selection
- Full HD LCD display, with a 1920x1080p resolution
- USB media autoplay

Operational excellence

- Integrated two-way b-LAN™ communication with PPV support
- SmartStand² for security and elegance
- Two-year advanced exchange warranty
- Live customer support 7 days a week

PHILIPS
sense and simplicity

Highlights

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.

SmartPower² and ESP

Our second generation power saving technology allows the backlight intensity to be dynamically adjusted by the system to reduce the power consumption by up to 60%, saving substantially on energy costs. In addition, Philips' Energy Savings Programmability (ESP) allows the set to turn itself off when not in use to save even more energy when guests or maids leave televisions on for long periods while the room is vacant.

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).

ThemeTV

Hotel guests often have difficulty locating desirable programs since they are unfamiliar with the channel lineup. Traditional Electronic Program Guides (EPGs) are little help as the guest has to scroll through multiple pages to find channels. In addition, traditional EPGs require hotels to pay fees for channel information on a per room basis. Philips is proud to introduce a better program-location tool with ThemeTV. Guests simply filter by type of channel, for example "Sports" and instantly see and tune to any Sports channel available. Guests are seconds away from desirable content.

Advanced exchange warranty

Philips offers unmatched commitment to keeping your guest rooms in working order. We have such confidence in the reliability of our televisions that we offer a two-year advanced exchange warranty with same day ship. In the unlikely event that something does go wrong we ship a replacement directly to you. (Same day ship applies to calls received M-F prior to 2 PM ET.)

USB media autoplay

Philips TVs feature a USB connector that allows the guest to connect USB memory sticks to play music or photos right on the TV.



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: 37 inch / 94 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
- 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: Connectivity panel compatible, Remote diagnostics, SmartClone,

- SmartGuide, SmartUpdate, Integrated bLAN, Smovie Pay TV
- 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: 185 W
- SmartPower high mode: 82.8 W
- SmartPower medium mode: 85.8 W
- SmartPower low mode: 105.6 W
- SmartPower Off mode: 113.6 W
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C

Dimensions

- Set dimensions in inch (W x H x D): 36.5 x 23.1 x 4.1 inch
- Set dimensions with stand in inch (W x H x D): 36.5 x 25 x 14.2 inch
- Product weight (lb): 34.2
- Product weight (+stand) (lb): 45.2 lb
- Weight incl. Packaging (lb): 55.1
- VESA wall mount compatible: 200 x 200 mm
- Box dimensions in inch (W x H x D): 48.3 x 26.5 x 11.1 inch

Accessories

- Included accessories: Warranty Leaflet, Power Cord (3m), Quick start guide, Swivel stand with anti-theft, Batteries for remote control, Remote Control
- Optional accessories: Set up Remote RC2573GR, Mounting brackets/ stands

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



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