



Philips
Professional LCD TV

52"

LCD Pro:Idiom™ with MPEG-4



52HFL5581L

The Optimal Hospitality TV

Full HD, SmartPlug, and MPEG-4

Top performance for guests and bottom line savings for you. SmartPower² and Five Star Service increase your bottom line and SmartPlug allows integration with all major PPV providers. MPEG-4 compatibility with the latest satellite systems.

Designed for hotel use

- SmartClone for substantial time savings
- HD content protection with Pro:Idiom™ Plus
- MPEG-4 for the latest HD signals

Best total cost of ownership

- Five Star Service - two-year advanced exchange warranty
- SmartPower² and ESP for energy savings
- On-shore 24/7 help desk

Sustainable and safe

- Lead-free/RoHS compliant with flame retardant housing
- Eco-sensitive materials and packaging

Differentiating guest experience

- USB media autoplay
- SmartWindow for simultaneous TV viewing and PC use
- Full HD LCD display 1920x1080p

PHILIPS

sense and simplicity

Highlights

SmartClone

Philips remains on the forefront of making installation as simple as possible. SmartClone offers USB cloning, or on select models, revolutionary RF cloning, which allows all TV's on property to be programmed in as little as five minutes. Additional hardware is required to take advantage of RF cloning.

Pro:Idiom™ Plus

Pro:Idiom™ was created for the hospitality industry to protect first run movies and other HD premium content from piracy. Philips Pro:Idiom™ Plus televisions offer secure HD content protection not only for PPV hotels, but now also for stand alone properties. (Additional fees may apply for stand alone use) (Pro:Idiom™ is a trademark of the Zenith Corp.)

MPEG-4 for HD

MPEG-4 (Moving Picture Experts Group H.264) compression technology allows more HD content to be delivered than ever before. Satellite providers are already using MPEG-4 to offer the choice of up to 150 national HD channels and 1,500 local broadcast HD and digital channels. Cable, broadcast, and telecommunications providers are expected to

also migrate to the format, but with these Philips TVs you are ready today!

Five Star Service

Philips offers unmatched commitment to keeping your guest rooms in working order. Our products are so reliable that we offer a two-year advanced exchange warranty. In the event that something does go wrong, we guarantee to ship a replacement set to you, within 72 hours during the first year.

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.

RoHS & Flame retardant housing

In addition to being lead-free and RoHS compliant, Philips TVs have a special housing of eco-friendly, non-brominated flame-retardant materials. 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.

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.

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. The perfect balance of work and leisure.

Full HD LCD 1920x1080p (PB)

This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. This is the highest resolution that HD broadcast can transmit. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flickerfree progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide guests with an enhanced viewing experience.

Specifications

Picture/Display

- Aspect ratio: 16:9, Widescreen
- Brightness: 500 cd/m²
- Contrast ratio (typical): 2000:1
- Dynamic screen contrast: 16000:1
- Diagonal screen size: 52 inch / 132 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): 6 ms
- Viewing angle: 176° (H) / 176° (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, SmartInstall, SmartSecure, SmartUpdate, SmartWindow, SmartCP, 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: 120V, 60Hz
- Maximum Power Consumption: 310 W
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C

Dimensions

- Color cabinet: Black
- Set dimensions in inch (W x H x D): 50.3 x 31.1 x 4.2 inch
- Set dimensions with stand in inch (W x H x D): 50.3 x 33 x 12.8 inch
- Product weight (lb): 58.4
- Product weight (+stand) (lb): 67.9 lb
- Weight incl. Packaging (lb): 96.1
- VESA wall mount compatible: 400 x 400 mm
- Box dimensions in inch (W x H x D): 60.4 x 34.8 x 12.1 inch

Accessories

- Included accessories: Warranty Leaflet, Quick start guide, Table top stand, Power Cord (3m)
- 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



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