

Preliminary

A I R  W A V E



Philips  
Professional LED LCD TV

55" MediaSuite

LED DVB-T2/T/C MPEG 2/4

55HFL5007D

## Simply connect

with Smart TV and IP system integration

With this energy efficient Hotel LCD TV, you will enjoy all the benefits of interactive television and premium hotel features. Simply link our TV to the system of your choice for the best viewing experience and cost efficient solution.

### Advanced hotel features and future proof

- Serial Xpress Protocol for interactive systems
- MyChoice compatibility for recurring revenues
- Brilliant LED images with incredible contrast
- Integrated IPTV system for optimal customized interactivity
- Integrated Wi-Fi to use Smart TV wirelessly
- SmartInstall for easy remote installation and maintenance
- VSecure for content protection over IP and RF

### Differentiating guest experience

- Secure SimplyShare to stream movies and music to your TV
- SmartInfo for a branded, interactive experience even offline
- Smart TV apps with many dedicated services for hospitality

### Sustainable and safe

- Low power consumption
- Green Button allows guest to save even more energy

**PHILIPS**

sense and simplicity

[www.airwave.tv](http://www.airwave.tv)

# Highlights

## Serial Xpress Protocol (SXP)

The TV can be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Protocol (SXP).

## MyChoice compatible

MyChoice offers a simple and low-cost way to offer your guests premium TV channels. At the same time it delivers an additional revenue stream which allows you to recover your initial TV investment.

## 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.

## Full HD LED TV



The most advanced LED lighting technology in this Full HD LED TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its

category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlight you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colors.

## Integrated IPTV

Safe costs and clutter. With our new Smart TVs you can build your hotel system directly on the TV. Interactive channels, video-on-demand, interactive hotel menus and information as well as online ordering systems are all possible without an external box attached to the TV. Next to delivery of the content over coax TV cables, you can now also use your internet network to deliver your TV channels or VOD directly to the TV. Our partner network can make sure you get the customized portal you want.

## Integrated Wi-Fi

With integrated Wi-Fi in your Philips Smart TV, you can wirelessly access a world of content.

## Secure SimplyShare

Secure Simplyshare gives your customers the freedom to enjoy their content on the big TV wirelessly and without hassle. With our open system approach we serve iOS as well as Android users and continuously extend our compatibility. Our secure sharing makes this DLNA based system protected so your guests will not be disturbed by other people. Pictures, movies, music, all can be shared and enjoyed via SimplyShare on the TV!

## SmartInfo

SmartInfo allows you to provide hotel or city information to your guests through SmartUI. Your guests have access to this interactive hotel webpage even when the TV is not

connected to your intranet or internet. You can change the information regularly and easily to keep your guests up to date with all the latest developments in your hotel.

## Smart TV apps

Philips Smart TV apps consist of an ever growing choice of applications ranging from YouTube to social networking apps and many more. The dedicated version is tailored for hospitality use and has several added benefits, such as making sure guest information is securely deleted after use and avoiding that illegal content can harm your business. With guests being able to use apps & catch-up TV even from their home country, Smart TV apps is leading in entertainment.

## SmartInstall

SmartInstall makes installation and maintenance of your TVs effortless. With a simple to use web tool, you can now remotely configure and install your TVs without visiting any rooms! This saves you time and makes sure your guests are not disturbed. Whether it is updating the hotel info pages or installing new channels, SmartInstall can handle all.

## VSecure over IP and RF

To show HD premium content to the guest there is a need for strict content security precautions from the content industry. Philips developed VSecure over RF and IP (Marlin and Windows DRM) for content protection on your Hotel TV.



## Specifications

### Picture/Display

- Diagonal screen size: 55 inch / 140 cm
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Brightness: 400 cd/m<sup>2</sup>
- Picture enhancement: Pixel Plus HD
- Dynamic screen contrast: 500,000:1
- Viewing angle: 178° (H) / 178° (V)
- Display: LED Full HD
- Color cabinet: High gloss black cabinet

### Supported Display Resolution

- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920x1080p

### Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: PAL, SECAM, NTSC
- Digital TV: DVB-C MPEG4, DVB-T MPEG4, DVB-C MPEG2\*, DVB-T MPEG2\*, DVB-T2

### Sound

- Output power (RMS): 30W (2 x 15W)
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Clear Sound

### Loudspeakers

- Built-in speakers: 2

### Connectivity

- Number of HDMI connections: 4
- Ext 1 Scart: Audio L/R, RGB, CVBS in
- Front / Side connections: USB 2.0, HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System standby
- Other connections: PC-in VGA + Audio L/R in, Bathroom speaker out, Common Interface Plus (CI+), Antenna IEC75, Ethernet-LAN RJ-45, Headphone out, Wireless LAN
- Connectivity Enhancements: Serial Xpress interface, Fast Infrared loop through, Power on scart, USB2.0
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless LAN: 802.11 b/g/n

### Convenience

- Ease of Installation: Plug & Play, Advanced Hotel Mode, Automatic Tuning System (ATS), Fine Tuning, PLL Digital Tuning, Automatic Channel Install(ACI), Program Name, Auto Program Naming, Autostore, Cloning of TV settings via USB, Installation menu locking, Security menu access, Keyboard lock-out
- Ease of Use: Auto Volume Leveller (AVL), 1 channel list analog/digital, On Screen Display, Program List, Side Control, Graphical User Interface
- Comfort: Hotel Guest features, Auto power on,

Green/Fast startup, Welcome message, Message indicator, Switch on channel, Volume limitation, Sleep timer

- Interactive hotel features: Connectivity panel compatible, Block automatic channel update, Block over-the-air SW download, Vsecure, MyChoice, SmartInstall, ThemeTV
- Prison mode: Txt, MHEG, USB, EPG, Sub block
- Teletext: 1000 page Hypertext
- Teletext enhancements: Fast text, Program information Line
- Electronic Program Guide: 8 day Electronic Program Guide, Now + Next EPG
- Screen Format Adjustments: Movie expand 16:9, Widescreen, Super Zoom, Auto Format
- Remote control type: 22AV1109A/10 (RC6)
- Remote Control: low battery detection, battery anti-theft protection
- Firmware upgradeable: Firmware upgradeable via USB, Firmware upgradeable via RF
- Other convenience: Kensington lock

### Healthcare

- Control: Multi remote control
- Convenience: Headphone out, Independent main speaker mute
- Safety: Double isolation Class II

### Multimedia Applications

- Multimedia connections: USB
- Video Playback Formats: H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4
- Music Playback Formats: AAC, MP3
- Picture Playback Formats: JPEG

### Power

- Mains power: 220-240V, 50/60Hz
- Ambient temperature: 5 °C to 40 °C
- Annual energy consumption: tbc kWh

### Green Specifications

- Safety: Flame retardant housing
- Low Power Standby
- SmartPower Eco

### Dimensions

- Set dimensions (W x H x D): 1260.6 x 750.0 x 35.0 mm
- Set dimensions with stand (W x H x D): 1260.6 x 792.8 x 290.0 mm
- Box dimensions (W x H x D): 1523 x 984 x 198 mm
- Product weight: 19.8 kg
- Product weight (+stand): 24.8 kg
- VESA wall mount compatible: 400 x 400 mm
- Weight incl. Packaging: 37.3 kg

### Accessories

- Included accessories: Remote Control, Batteries for remote control, Power cord, Warranty Leaflet, Wall mounting bracket, Tabletop swivel stand, SCART Adaptor
- Optional accessories: Set up remote 22AV8573/00



Issue date 2012-09-24  
Owner: Dirk-Jan Mostert  
Version: 0.1.3

12 NC: 8670 000 97758  
EAN: 87 12581 66801 3

Test leaflet, for internal use only!  
© 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](http://www.philips.com)

\* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.  
\* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.  
\* Typical on-mode power consumption measured according to IEC62087 Ed 2.