

Philips  
Professional LED TV

**47" Signature**

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

**47HFL7009D**



## Dare to be different!

with OXIGEN and Ambilight

Like a painting on your wall. Enjoy the latest ultra-thin LED TV and the immersion of Ambilight. With the complete set of hospitality features and Philips OXIGEN, this TV is designed to meet the highest demands.

### **Advanced hotel features and future proof**

- Full HD LED TV—brilliant LED images with incredible contrast
- Ambilight Spectra 2-sided intensifies the viewing experience
- Integrated IPTV system for optimal customised interactivity
- Easy 3D for a truly immersive 3D movie experience
- Serial Xpress Protocol for interactive systems
- MyChoice compatibility for recurring revenues
- Integrated Wi-Fi to use Smart TV wirelessly
- On-screen clock display for optimal guest convenience

### **Philips OXIGEN - unique connectivity and management**

- Smart TV apps with many dedicated services for hospitality
- AppControl to add, sort and delete apps with minimum effort
- SmartInfo for branded, interactive hotel info pages
- SmartInstall for easy remote installation and maintenance
- Miracast and DirectShare to share movies and music on your TV

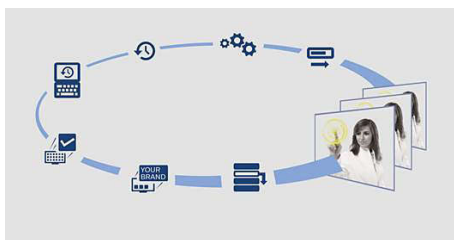
# PHILIPS

# Highlights

## Full HD LED TV

Picture Quality matters. Regular HDTVs deliver quality, but you expect more. Imagine crisp detail paired with high brightness, incredible contrast and realistic colours for a true to life picture.

## SmartInstall



SmartInstall makes the 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.

## SmartInfo



SmartInfo allows you to provide hotel or city information to your guests. Your guests have access to this interactive hotel webpage even when the TV is not connected to your intranet or the Internet. You can change the information regularly and easily to keep your guests up to date with all the latest developments at your hotel.

## AppControl

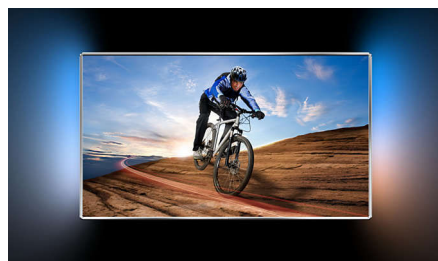
App control allows you to give your guests the TV applications of their dreams. You are able to add, delete and sort all the apps in the way you want. Even better, you can now clone these settings to any other TV without having to set up the other TV as well! You can even make various profiles and change on the fly. Do

you want to give your suites the high-bandwidth video apps and your other rooms the low-bandwidth apps? No problem. App control makes sure you and your guest have a smooth experience.

## 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 illegal content that could harm your business.

## Ambilight Spectra 2



Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen by projecting a glow of light from 2 sides of the back of the TV screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light to match the TV picture. Thanks to the wall-adaptive function, the colour of the light is perfect, regardless of your wall colour.

## Miracast and DirectShare



Our TVs give your guests 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 protects your guests. Pictures, movies, music — it can all be shared and enjoyed on our TVs via Miracast and DirectShare!

## Integrated IPTV

Save 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. As well as delivering 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 customised portal you want.

## 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.

## Integrated Wi-Fi

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

# Specifications

## Ambilight

- Ambilight Features: Ambilight Spectra 2
- Ambilight light system: LED-wide colour

## Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 47 inch
- Diagonal screen size (metric): 119 cm
- Display: LED Full HD
- Panel resolution: 1920 x 1080p
- Brightness: 300 cd/m<sup>2</sup>
- Picture enhancement: Active Control + Light sensor, Digital Crystal Clear
- Viewing angle: 178° (H)/178° (V)

## Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920 x 1080p

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM
- Digital TV: DVB-T MPEG2/MPEG4, DVB-C MPEG2/MPEG4, DVB-T2, HbbTv (EU)
- Video Playback: PAL, SECAM, NTSC
- IP Playback: IGMP Multicast, Unicast

## Multimedia Applications

- Multimedia connections: USB, LAN
- Video Playback Formats: Codec support: H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2), LPCM, M4A, MPEG1 L1/2
- Picture Playback Formats: JPEG, BMP, GIF, PNG

## Oxygen

- Smart TV apps: cloud-based apps for HotelTV
- SmartInstall: offline channel editing, offline settings

editing, remote installation, SmartInfo creation, software upgrade

- AppControl: Multiple SmartTV App profiles
- SmartInfo: Picture slideshow or browser, interactive templates
- Sharing: Secured Pairing, DirectShare DLNA Wi-Fi Direct, Wi-Fi Miracast

## Convenience

- Ease of Installation: Plug and Play, Advanced Hotel Mode, Automatic Tuning System (ATS), PLL Digital Tuning, Automatic Channel Install (ACI), Programme Name, Auto Programme Naming, Autostore, Installation menu locking, Security menu access, Joystick control lock
- Ease of Use: Auto Volume Leveller (AVL), 1 channel list analogue/digital, On-Screen Display, Programme List, Joystick control, Graphical User Interface
- Clock: On-screen clock display, Sleep Timer, Wake-up Clock, External clock compatible
- Comfort: Hotel Guest features, Auto power on, Green/Fast startup, Welcome message, Switch on channel, Volume limitation, Sleep timer
- Screen Format Adjustments: Movie expand 16:9, Widescreen, Super Zoom, Auto Format
- Electronic Programme Guide: 8-day Electronic Programme Guide, Now + Next EPG
- Remote Control: low battery detection, battery anti-theft protection
- Interactive hotel features: Connectivity panel compatible, Block automatic channel update, Block over-the-air SW download, Vsecure, MyChoice
- Remote control type: 22AV1409A/12 (RC6)
- Prison mode: Txt, MHEG, USB, EPG, Sub block
- Teletext: 1000-page Hypertext
- Firmware and Settings upgradable: via USB, RF and IP
- Skype ready: With accessory camera
- Safety lock: Kensington lock

## Healthcare

- Control: Multi remote control, White RC Compatible
- Safety: Nurse call system compatible, Double isolation Class II
- Convenience: Headphone out, Independent main speaker mute

## Sound

- Sound System: Incredible Surround

## Connectivity

- Connectivity Enhancements: Serial Xpress interface, WIXP / JAPIT TV Control, IR-out, RJ-48 connector, Fast Infrared loop through, Power on scart
- Number of HDMI connections: 3
- Number of components in (YPbPr): 1
- EasyLink (HDMI-CEC): One touch play, System standby
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 1
- Other connections: Antenna IEC75, Headphone out, PC-in VGA + Audio L/R in, Bathroom speaker out, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical)
- Wireless LAN: 802.11 b/g/n, Wi-Fi Direct
- Wake-up on LAN: Green standby in IP systems

## Power

- Mains power: 220 - 240 V, 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: < 0.3 W
- Energy Label Class: A++
- EU Energy Label power: 37 W
- Power Saving Features: Eco mode, Picture mute (for radio)
- Annual energy consumption: 54 kWh

## Green Specifications

- Safety: Flame-retardant housing

# Specifications

- Low Power Standby
- SmartPower Eco

## Accessories

- Included accessories: Remote Control, Batteries for remote control, Power cord, Tabletop swivel stand, Warranty Leaflet
- Optional accessories: Set up remote 22AV8573/00, Ext. Clock Module 22AV1120C, Healthcare RC 22AV1109H, USB Skype Camera PTA317/00

## Dimensions

- Set Width: 1064 mm
- Set Height: 619.9 mm
- Set Depth: 69.6 mm
- Product weight: 13.5 kg
- Set width (with stand): 1064 mm
- Set height (with stand): 678.7 mm
- Set depth (with stand): 222.5 mm
- Product weight (+stand): 14.8 kg
- Wall-mount compatible: 400 x 400 mm



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\* 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.

\* Availability of features will depend on implementation chosen by integrator.