

Philips  
Professional LED TV with  
Ambilight Spectra 2

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.

### Philips OXIGEN - unique connectivity & 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 & DirectShare to share movies and music on your TV

### 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 customized 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



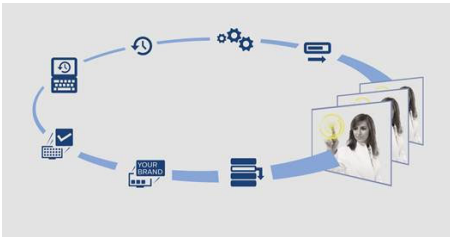
**PHILIPS**

# 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 colors for a true to life picture.

## 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.

## 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 internet. You can change the information regularly and easily to keep your guests up to date with all the latest developments in 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 setup 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 that illegal content can 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 color and brightness of the light to match the TV picture. Thanks to the wall-adaptive function, the color of the light is perfect, regardless of your wall color.

## Miracast & 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, all can be shared and enjoyed on our TVs via Miracast & DirectShare!

## 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.

## Easy 3D

Easy 3D ensures you get long hours of comfort while watching 3D thanks to the flicker free, low ghosting performance. The compatible 3D glasses are light weight and do not require batteries. Enjoy 3D easily at home today!



## OXIGEN

Unique connectivity & management  
Philips OXIGEN is a complete solution that provides you all you need in Hospitality TV. The innovative features are designed to give both guests and professionals the latest in connectivity while ensuring the lowest cost of ownership. OXIGEN connectivity offers access to cloud-based online apps and ensures that mobile devices can communicate with the TV while remote management tools as well as additional revenue opportunities optimize earnings throughout the product lifecycle.

# Specifications

## Oxygen

- SmartInstall: off-line channel editing, off-line settings editing, remote installation, SmartInfo creation, software upgrade
- SmartInfo: Picture slide show or browser, interactive templates
- Smart TV apps: cloud-based apps for HotelTV
- Appcontrol: Multiple SmartTV App profiles
- Sharing: Secured Pairing, DirectShare DLNA Wi-Fi Direct, Wi-Fi Miracast

## Picture/Display

- Display: LED Full HD
- Diagonal screen size: 47 inch / 119 cm
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Brightness: 300 cd/m<sup>2</sup>
- Viewing angle: 178° (H) / 178° (V)
- Picture enhancement: Active Control + Light sensor, Digital Crystal Clear

## 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
- Digital TV: DVB-T MPEG2/MPEG4, DVB-C MPEG2/MPEG4, DVB-T2, HbbTv (EU)
- TV system: PAL, SECAM
- Video Playback: PAL, SECAM, NTSC
- IP Playback: IGMP Multicast, Unicast

## Sound

- Sound System: Incredible Surround

## Connectivity

- Number of USBs: 1
- Number of HDMI connections: 3
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- EasyLink (HDMI-CEC): One touch play, System standby
- 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)
- Connectivity Enhancements: Serial Xpress interface, WIXP / JAPIT TV Control, IR-out, RJ-48 connector, Fast Infrared loop through, Power on scart
- Wireless LAN: 802.11 b/g/n, Wi-Fi Direct
- Wake-up on LAN: Green standby in IP systems

## Convenience

- Ease of Installation: Plug & Play, Advanced Hotel Mode, Automatic Tuning System (ATS), PLL Digital Tuning, Automatic Channel Install(ACI), Program Name, Auto Program Naming, Autostore, Installation menu locking, Security menu access, Joystick control lock
- Ease of Use: Auto Volume Leveller (AVL), 1

- channel list analog/digital, On Screen Display, Program List, Joystick control, Graphical User Interface
- Comfort: Hotel Guest features, Auto power on, Green/Fast startup, Welcome message, Switch on channel, Volume limitation, Sleep timer
- Interactive hotel features: Connectivity panel compatible, Block automatic channel update, Block over-the-air SVV download, Vsecure, MyChoice
- Prison mode: Txt, MHEG, USB, EPG, Sub block
- Clock: On-screen clock display, Sleep Timer, Wake up Clock, External clock compatible
- Teletext: 1000 page Hypertext
- 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: 22AV1409A/12 (RC6)
- Remote Control: low battery detection, battery anti-theft protection
- Firmware & Settings upgradable: via USB, RF & IP
- Skype ready: With accessory camera
- Safety lock: Kensington lock

## Healthcare

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

## 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

## Ambilight

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

## Power

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

## Green Specifications

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

## Dimensions

- Set dimensions (W x H x D):  
1064 x 619.9 x 69.6 mm
- Set dimensions with stand (W x H x D):

- 1064 x 678.7 x 222.5 mm
- Product weight: 13.5 kg
- Product weight (+stand): 14.8 kg
- VESA wall mount compatible: 400 x 400 mm

## 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



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Version: 2.8.1

12 NC: 8670 001 15227  
EAN: 87 12581 72225 8

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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.