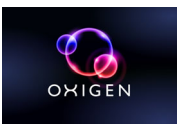# Dare to be different!

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

- Philips OXIGEN for latest connectivity and best total cost
- Smart TV apps with many dedicated services for hospitality
- AppControl to add, sort and delete apps with minimum effort
- Secure SimplyShare to stream movies and music to your TV
- SmartInfo for branded, interactive hotel info pages
- SmartInstall for easy remote installation and maintenance

Advanced hotel features and future proof

- Brilliant LED images with incredible contrast
- Ambilight Spectra 2-sided intensifies the viewing experience
- Integrated IPTV system for optimal customized interactivity
- Serial Xpress Protocol for interactive systems
- Easy 3D for a truly immersive 3D movie experience
- Integrated Wi-Fi to use Smart TV wirelessly
- MyChoice compatibility for recurring revenues

OXIGEN

PHILIPS

sense **and** simplicity

Highlights

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.

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!

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.

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.

Philips OXIGEN
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 thoughout the product lifecycle.

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.

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.

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.

Specifications

Oxigen
- Appcontrol: Multiple SmartTV App profiles
- Secure Simply Share: DMP, Secured pairing
- Smart TV apps: cloud-based apps for HotelTV
- SmartInfo: browser based, interactive templates
- SmartInstall: off-line channel editing, off-line settings editing, remote installation, SmartInfo creation, software upgrade

Picture/Display
- Diagonal screen size: 47 inch / 119 cm
- Aspect ratio: 16:9, Widescreen
- Panel resolution: 1920x1080p
- Brightness: 450 cd/m²
- Viewing angle: 176° (H) / 176° (V)
- Picture enhancement: Active Control + Light sensor, Digital Noise Reduction, Luminance Transient Improver, Dynamic contrast enhancement, Pixel Plus HD, HD Natural Motion
- Dynamic screen contrast: 500,000 : 1
- Color processing: 4 trillion colors (14bit RGB)
- Display: LED Full HD

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-C MPEG4*, DVB-T MPEG4*, DVB-T2, DVB-C MPEG2*, DVB-T MPEG2*
- TV system: PAL, SECAM
- Video Playback: PAL, SECAM, NTSC

Sound
- Output power (RMS): 2 x 12W, Invisible Sound
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround

Loudspeakers
- Built-in speakers: 2

Connectivity
- Number of USBs: 3
- Number of HDMI connections: 4
- 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, IR-out, RJ-48 connector, Fast Infrared loop through, Power on scart, USB2.0, External Power 12V/15W
- Wireless LAN: 802.11 b/g/n

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, Cloning of TV settings via USB, Installation menu locking, Security menu access, Keyboard lock-out, Cloning of TV settings via RF
- Ease of Use: Auto Volume Leveller (AVL), 1 channel list analog/digital, On Screen Display, Program List, Back Controls, 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, ThemeTV, Block automatic channel update, Block over-the-air SW download, Vsecure, SmartInstall, MyChoice, SmartInfo Premium
- Prison mode: Txt, MHEG, USB, EPG, Sub block
- Clock: Sleep Timer, Wake up Clock, On-screen clock display
- Clock Enhancements: Synchro Time via TXT/DVB
- Teletext: 1000 page Hypertext
- Teletext enhancements: Fast text, Program information Line
- Electronic Program Guide: 8 day Electronic Program Guide, Now + Next EPG, IP EPG
- Screen Format Adjustments: Movie expand 16:9, Widescreen, Super Zoom, Auto Format
- Remote control type: 22AV1109B/10 (RC6)
- Remote Control: low battery detection, battery anti-theft protection
- Firmware upgradeable: Firmware upgradeable via USB, Firmware upgradeable via RF, Firmware upgradeable via IP
- Other convenience: Kensington lock

Healthcare
- Control: Multi remote control
- Convenience: Headphone out, Independent main speaker mute
- Safety: Nurse call system compatible, 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

Ambilight
- Ambilight light system: LED wide color
- Ambilight Features: Ambilight Spectra 2, Wall colour adaptive

Power
- Mains power: 220 - 240V, 50/60Hz
- Eu Energy Label power: 58 W
- Annual energy consumption: 81 kW·h
- Standby power consumption: < 0.3W
- Ambient temperature: 5 °C to 40 °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): 1066 x 640 x 35.3 mm
- Set dimensions with stand (W x H x D): 1066 x 691 x 196 mm
- Box dimensions (W x H x D): 1150 x 780 x 130 mm
- Product weight: 15 kg
- Product weight (+stand): 17.9 kg
- Weight incl. Packaging: 22.1 kg
- VESA wall mount compatible: 400 x 400 mm

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

Smart TV Applications
- Net TV: Online apps, For HotelTV, configurable
- SimplyShare: DMP, Secured Pairing
- Control: IXP control
- Other: HbbTV

* 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.