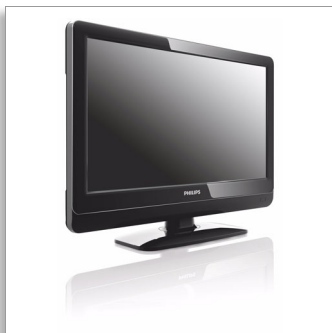




Philips
Professional LCD TV

22" Pro

LCD DVB-T MPEG2*



22HFL3331D

Advanced design at outstanding value

Philips Digital Hospitality LCD TV

With this modern and energy efficient Hospitality TV, you will enjoy the benefits of digital television. Your guests will enjoy a warm welcome and great viewing experience with the attractive channel list.

Advanced hotel features and future proof

- Welcome message on screen display
- Switch On Channel Programming
- HD LCD display, with a 1366 x 768p resolution

Differentiating guest experience

- Volume limitation
- One combined channel list for Analog and Digital channels
- Attractive channel list for easy navigation
- Easy to use Hospitality Remote Control

Best total cost of ownership

- USB cloning of all settings for quick installation
- Installation menu locking

Sustainable and safe

- Eco-friendly design & flame retardant housing

PHILIPS

sense and simplicity

Highlights

USB Cloning

Provides the ability to easily copy all programming and channel programming settings from one TV into other TV sets in less than a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.

Welcome message

A welcome greeting is displayed each time the TV set is switched on.

Volume limitation

This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.

Installation menu locking

Prevents unauthorized access to installation and configuration settings, to ensure maximum guest convenience and avoid unnecessary reprogramming costs.

One combined channel list

One integrated channel list for digital and analogue channels. This allows the guest to zapp seamless between Analogue and Digital channels.

Hospitality Remote Control

This TV comes with a stylish remote control that is specially designed for hospitality usage. For an easy to use experience for the guest only the most essential buttons and functions are offered. In addition, low battery check and anti-theft battery provisions are features which can contribute to efficient hotel operations.

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.

Switch On Channel Programming

Perfect for in-house advertising or information channels as it allows to show a predefined channel when the TV is turned on.

Attractive channel list

The attractive channel list includes clear and intuitive buttons with clear guiding graphics for easily finding your favorite channels.

HD LCD display

This WXGA display with state-of-the-art LCD screen technology gives your guests widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide your guests with an enhanced viewing experience.

Specifications

Picture/Display

- Diagonal screen size: 22 inch / 56 cm
- Brightness: 350 cd/m²
- Aspect ratio: Widescreen
- Response time (typical): <5 ms
- Dynamic screen contrast: 5000:1
- Display screen type: LCD WXGA+ Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color Enhancement, Color Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Progressive Scan, Sharpness Adjustment, 3D MA deinterlacing, Automatic skin tone correction, Dynamic contrast enhancement, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle: 170° (H) / 160° (V)

Supported Display Resolution

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
1080i	50, 60Hz
720p	50, 60Hz
1080p	24, 50, 60Hz
1080p	24, 25, 30, 50, 60Hz

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 1024	60Hz
1280 x 720	60Hz
1280 x 768	60Hz
1366 x 768	60Hz
1360 x 768	60Hz
1440 x 900	60 Hz
1680 x 1050	50Hz, 60Hz

Via HDMI/DVI input

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Number of Preset Channels: 250
- 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
- DVB: DVB Terrestrial *

Sound

- Output power (RMS): 2 x 5W
- Sound System: Nicam Stereo
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound

Loudspeakers

- Built-in speakers: 2

Connectivity

- Number of Scarts: 1
- Number of HDMI connections: 1
- Ext 1 Scart: Audio L/R, RGB
- Ext 3: Audio L/R in, YPbPr
- Front / Side connections: Audio L/R in, CVBS in, USB 2.0
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System standby
- Audio Output - Digital: Coaxial (cinch)
- Other connections: S/PDIF out (coaxial), Composite video (CVBS) out, PC-in VGA + Audio L/R in, Monitor out L/R (Cinch), Common Interface

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, Cloning of TV settings via RF, 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
- Remote control type: 22AV1104 (RC6)
- Comfort: Hotel Guest features, Auto power on,

- Green/Fast startup, Welcome message, Switch on channel, Volume limitation, Sleep timer
- Interactive hotel features: Block automatic channel update, Block over-the-air SW download
- Prison mode: Teletext and MHEG disable
- Clock: Sleep Timer
- 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: 4:3, Movie expand 14:9, Movie expand 16:9, Widescreen, Subtitle Zoom, Super Zoom, Auto Format
- Picture in Picture: Text dual screen
- 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
- Playback Formats: MP3, JPEG Still pictures, Slideshow files (.alb)

Power

- Mains power: 220-240V, 50/60Hz
- Power consumption: 45 W
- Standby power consumption: 0.27 W
- Ambient temperature: 5 °C to 40 °C

Green Specifications

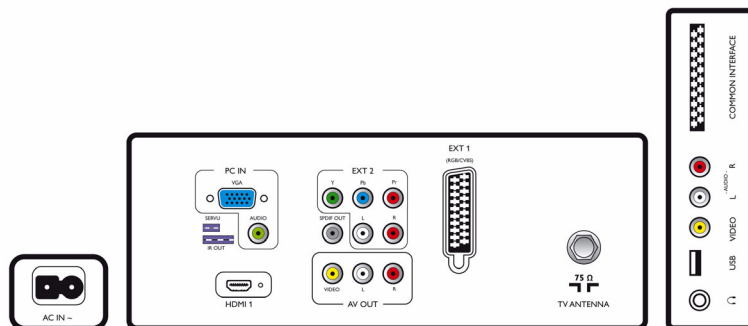
- Safety: Flame retardant housing
- Low Power Standby
- SmartPower Eco

Dimensions

- Set dimensions (W x H x D): 541 x 375.3 x 67.8 mm
- Set dimensions with stand (W x H x D): 541 x 417.3 x 150 mm
- Box dimensions (W x H x D): 590 x 489 x 162 mm
- Product weight: 5.27 kg
- Product weight (+stand): 5.5 kg
- Color cabinet: High gloss black deco front with black cabinet
- VESA wall mount compatible: 100 x 100 mm

Accessories

- Included Accessories: Remote Control, Batteries for remote control, Power cord, Table top stand, Warranty Leaflet
- Optional accessories: Set up Remote RC2573GR, Wallmount (tilt) 22AV3100/10



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* For information on DVB-T enrolled countries please ask your Philips contact.