



Philips  
Professional LCD TV

**19" Pro**

LCD DVB-T MPEG2\*

**19HFL3331D**

## 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 Analogue 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 and 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 within which the TV set is allowed to operate, preventing excessive volume adjustments and disturbance of neighbouring guests.

## Installation menu locking

Prevents unauthorised 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 flick seamlessly 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 that 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 minimising 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 a fire.

## Switch On Channel Programming

Perfect for in-house advertising or information channels as it allows a predefined channel to be shown 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 favourite 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 colours. This vibrant and sharp image will provide your guests with an enhanced viewing experience.

# Specifications

## Picture/Display

- Diagonal screen size: 19 inch / 48 cm
- Peak Luminance ratio: 83 %
- Brightness: 300 cd/m<sup>2</sup>
- Response time (typical): 5 ms
- Aspect ratio: Widescreen
- Dynamic screen contrast: 4000:1
- 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, Colour Enhancement, Colour Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Progressive scan, Sharpness Adjustment, 3D MA deinterlacing, Automatic skin tone correction, Dynamic contrast enhancement, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle: 170° (H)/160° (V)

## Supported Display Resolution

### Video formats

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

### Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 1024	60 Hz
1280 x 720	60 Hz
1280 x 768	60 Hz
1360 x 768	60 Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Number of Pre-set 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
- Digital TV: DVB Terrestrial\*

## Sound

- Output power (RMS): 2 x 3 W
- 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 and Play, Advanced Hotel Mode, Automatic Tuning System (ATS), Fine Tuning, PLL Digital Tuning, Automatic Channel Install (ACI), Programme Name, Auto Programme 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 analogue/digital, On-Screen Display, Programme 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, Programme information Line
- Electronic Programme Guide: 8-day Electronic Programme Guide, Now + Next EPG
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Widescreen, Subtitle Zoom, Super Zoom, Auto Format
- 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
- Safety: Double isolation Class II

## Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, JPEG Still pictures, Slideshow files (.alb)

## Power

- Mains power: 220-240 V, 50/60 Hz
- Presence of lead: Yes\*
- Mercury content: 7 mg
- Annual energy consumption: 41 kW h
- Power consumption: 40 W
- Standby power consumption: 0.3 W

- Ambient temperature: 5°C to 40°C
- Power consumption (typical): 27 W

## Green Specifications

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

## Dimensions

- Set dimensions (W x H x D): 467.8 x 324.6 x 67.3 mm
- Set dimensions with stand (W x H x D): 467.8 x 362.6 x 140 mm
- Box dimensions (W x H x D): 514 x 405 x 160 mm
- Product weight: 3.85 kg
- Product weight (+stand): 4.06 kg
- Colour 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, Tabletop stand, Warranty Leaflet
- Optional accessories: Set up Remote RC2573GR, Wall mount (tilt) 22AV3100/10



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

\* Typical on-mode power consumption measured according to IEC62087 Ed 2.

\* Annual energy consumption is calculated using the typical power consumption 4 hours per day, 365 days per year.

\* 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.