



Philips
Professional LCD TV

42" System

LCD integrated digital

42HFL5850D



For delighted guests

Philips Digital Hospitality TV with SmartCard Slot

This stylish Hospitality TV with integrated SmartCard slot is the best tamper proof interactive solution for guest infotainment. Your guests enjoy digital TV, can connect their own devices and even enjoy music in the bathroom.

Integrated system solution and future proof

- Tamper proof SmartCard slot for interactive systems
- Remote software upgrading
- Full HD (1920x1080p) with integrated DV-T tuner

Differentiating guest experience

- Integrated clock display with wake up and message alarm
- USB Connector for easy, instant multimedia playing
- PC input lets you also use your TV as a PC monitor
- Philips Connectivity Panel compatible to enjoy guest devices

Best total cost of ownership

- USB cloning of all settings for quick installation
- External loudspeaker connector & extra power supply

Sustainable and safe

- SmartPower for energy saving
- Eco-friendly design & flame retardant housing

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **Diagonal screen size:** 42 inch / 107 cm
- **Aspect ratio:** 16:9, Widescreen
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Brightness:** 500 cd/m²
- **Contrast ratio (typical):** 1300:1
- **Dynamic screen contrast:** 1:30000
- **Response time (typical):** 6 ms
- **Viewing angle (H / V):** 176 / 176 degree
- **Screen enhancement:** Anti-Reflection coated screen
- **Picture enhancement:** 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Black stretch, Blue stretch, Color Enhancement, Color Transient Improvement, Digital Noise Reduction, Luminance Transient Improver, Motion adaptive de-interlacing, Progressive Scan, Automatic skin tone correction, Dynamic contrast enhancement, White stretch, Green stretch, Pixel Plus HD, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing

Supported Display Resolution

• Video formats

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

• Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 1024	60Hz
1366 x 768	60Hz

Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **Tuner Display:** PLL
- **TV system:** PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- **Video Playback:** PAL, SECAM, NTSC
- **DVB:** DVB Terrestrial *
- **Number of Preset Channels:** 250

Sound

- **Sound System:** Mono, Stereo, Nicam Stereo, BBE, Dolby Digital (AC-3), Virtual Dolby Digital
- **Sound Enhancement:** Auto Volume Leveller, Incredible Surround, Smart Sound
- **Equalizer:** 5-bands
- **Output power (RMS):** 2 x 15W

Loudspeakers

- **Built-in speakers:** 2

Connectivity

- **Number of Scarts:** 2
- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out
- **Ext 3:** Audio L/R in, YPbPr
- **Ext 4:** HDMI v1.3
- **Ext 5:** HDMI v1.3
- **Ext 6:** HDMI v1.3
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in, USB 2.0, HDMI v1.3
- **Other connections:** Analog audio Left/Right out, S/PDIF out (coaxial), Headphone out, PC-In VGA,

Common Interface

- **Connectivity Enhancements:** Serial Xpress interface, SmartPlug Xpress Interface, RJ12 connector, RJ45 connector, SmartCard Expansion Slot, Fast Infrared loop through, HM-Link, External Loudspeaker connector, Extra Power supply 12V/1W, Power on scart, USB2.0

Convenience

- **Ease of Installation:** Advanced Hotel Mode, Fine Tuning, PLL Digital Tuning, Program Name, Cloning of TV settings via USB, Installation menu locking, Security menu access, Keyboard lock-out
- **Ease of Use:** Auto Volume Leveller (AVL), 1 channel list analog/digital, Smart Picture Control, Smart Sound Control
- **Comfort:** Hotel Guest features, Auto power on, Welcome message, Message indicator, Switch on channel, Volume limitation
- **Interactive hotel features:** Connectivity panel compatible
- **Prison mode:** Teletext and MHEG disable
- **Clock:** Integrated LCD Clock Display, Sleep Timer, Wake up Clock
- **Clock Enhancements:** Synchro Time via TXT/DVB
- **Teletext:** 1000 page Smart Text
- **Teletext languages:** Western European, Eastern European, Cyrillic
- **Electronic Program Guide:** Now + Next EPG
- **Screen Format Adjustments:** 4:3, Full screen, Movie expand 14:9, Movie expand 16:9, Widescreen, Subtitle Zoom, Super Zoom, Auto Format
- **Firmware upgradeable:** Local upgrade total TV softw, Remote upgrade hotel TV softw, Firmware upgradeable via USB
- **Other convenience:** Kensington lock

Healthcare

- **Control:** Multi remote control
- **Convenience:** Headphone out, Independant main speaker mute
- **Safety:** Double isolation Class II

Multimedia Applications

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

Green Specifications

- **Safety:** Flame retardant housing
- SmartPower

Power

- **Mains power:** 220V - 240V, 50/60Hz
- **Ambient temperature:** 5 °C to 40 °C
- **Power consumption:** 200 W
- **Standby power consumption:** <2 W (w. clock)
- **Passive stand-by consumption:** 1.2 W
- **Active stand-by consumption:** 20 W

Dimensions

- **Set dimensions (W x H x D):** 1046 x 644 x 89 mm
- **Set dimensions with stand (W x H x D):** 1046 x 715 x 262 mm
- **VESA wall mount compatible:** 400 x 400 mm
- **Box dimensions (W x H x D):** 1151 x 793 x 333 mm
- **Product weight:** 21 kg
- **Product weight (+stand):** 24 kg
- **Weight incl. Packaging:** 27 kg
- **Color cabinet:** Black

Accessories

- **Included Accessories:** Power cord, Wall mounting bracket, Warranty Leaflet
- **Optional accessories:** Set up Remote RC2573GR, Guest remote control 22AV1105, Wallmount

(tilt) 22AV3200/10, Table top Stand with Swivel



Product highlights

Integrated SmartCard Slot

The integrated SmartCard slot allows third parties to add new functionality to the TV through application cards, without the need for additional boxes and external connections. The TV can also be connected to external decoders and set-top boxes of all major interactive system providers, through the SerialXpress Control Interface (supporting UART and RS232 protocols) and the SmartPlug Control interface.

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.

Remote software upgrading

The TV software that controls hotel-specific features can be upgraded remotely through a certified system provider.

Integrated clock display

The built-in clock display, which is also a wake-up alarm, eliminates the need and investment for an additional clock with cables and connections in the room. Automatic time synchronisation via teletext and preservation of alarm settings during short power outages further enhances guest comfort.

USB multimedia playing

This Philips TV allows the guest to connect a USB stick for easy and instant playing of multimedia content. Playback formats supported are MP3, Slideshow files (.alb) and JPEG Still pictures.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

External loudsp & power supply

The TV is equipped with an amplified audio connector for easy installation of external speakers (like for bathrooms), eliminating the need for investments in external equipment. The extra integrated power supply avoids the need for a separate power supply for an interactive system. In case of stand-alone use, the additional power supply can be switched off to save energy.

Connectivity Panel compatible

This TV work seamlessly with Philips Connectivity Panels. The guest can easily connect and enjoy media from a PC, MP3 player, DVD player, camcorder and various other devices. With autosensing the Connectivity Panel and the TV will automatically switch to display the content from the connected guest device.

SmartPower

The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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.



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