

Philips
Professional LCD TV

107cm (42")
LCD
HD Ready

42HF7845



The ultimate interactive Hospitality TV

Philips LCD TV & SmartCard Slot

This stylish, energy efficient Hospitality TV with integrated SmartCard slot is our best tamper proof interactive solution. Your guests enjoy a great viewing experience optionally enhanced with bathroom music and a tailored welcome message.

Best total cost of ownership

- Wireless SmartLoader for fast cloning
- Installation menu locking
- External loudspeaker connector & extra power supply
- Wall mounting bracket

Sustainable and safe

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

Integrated system solution and future proof

- Tamper proof SmartCard slot
- Remote software upgrading

Great viewing experience and guest comfort

- Welcome message on screen display
- Pixel Plus HD for better details, depth and clarity

PHILIPS

Highlights

Remote software upgrading

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

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.

Pixel Plus HD



Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural, and real. The result means superbly life-like pictures with

incredible details and depth from any HD source.

Welcome message

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

Wireless SmartLoader

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

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.

Installation menu locking

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

Wall mounting bracket

Wall mounting bracket

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.

Specifications

Picture/Display

- Aspect ratio: 16:9, Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Color cabinet: Bicolour - Silver and high gloss Black
- Panel resolution: 1366 x 768p
- Brightness: 500 cd/m²
- Picture enhancement: 3D Combfilter, 3/2 - 2/2 motion pull down, Active Control, Contrast Plus, Dynamic contrast enhancement, Digital Noise Reduction, Jagged Line Suppression, Progressive scan, Color Transient Improvement, Luminance Transient Improver, Pixel Plus HD
- Contrast ratio (typical): 1000:1
- Display screen type: LCD WXGA Active Matrix TFT
- Dynamic screen contrast: 5000:1
- Response time (typical): 5 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75Hz, 800 x 600, 60, 72, 75Hz, 1024 x 768, 60, 70, 75Hz, 1280 x 768, 60Hz, 1366 x 768, 60Hz
- Video Formats: 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh, 720 x 576p - 2Fh, 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'
- Number of Preset Channels: 125
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL

Convenience

- Ease of Installation: Advanced Hotel Mode, Fine Tuning, Program Name, Wireless Smart Loading, Keyboard lock-out, Security menu access
- Ease of Use: Auto Volume Leveller (AVL), Smart Picture, Smart Sound
- Comfort: Hotel Guest features, Sleep timer, Switch on channel, Volume limitation, Welcome message
- Screen Format Adjustments: 4:3, 7 Widescreen Modes
- Remote Control: battery anti-theft protection, low battery detection
- Remote control type: RC2886
- Teletext: 1000 page Hypertext
- Other convenience: Convertible to consumer TV, Kensington lock
- Firmware upgradeable: Remote upgrade hotel TV softw, Local upgrade total TV softw.
- Teletext languages: Cyrillic, Eastern European, Western European

Sound

- Output power (RMS): 2 x 10 W
- Sound System: Nicam Stereo, Stereo
- Sound Enhancement: Auto Volume Leveler, Incredible Surround

Loudspeakers

- Built-in speakers: 2

Connectivity

- Connectivity Enhancements: RJ12 connector, RJ45 connector, External Loudspeaker connector, HM-Link, Extra Power supply 12V/1W, SmartCard Xpress box ready, Fast Infrared loop through, Serial Xpress interface, SmartPlug Xpress Interface, Power on scart, SmartCard Expansion Slot
- Number of Scarts: 2
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Other connections: Antenna IEC75, Headphone out, PC-In VGA
- Ext 3: Audio L/R in, CVBS in, S-video in
- Ext 4: Audio L/R in, YPbPr
- Ext 5: HDMI
- Ext 6: HDMI

Power

- Mains power: 100 - 240V, 50/60Hz
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 240 W
- SmartPower high mode: 122 W
- SmartPower low mode: 220 W
- Active stand-by consumption: 20 W
- Passive stand-by consumption: 2 W
- SmartPower medium mode: 160 W

Green Specifications

- Safety: Flame retardant housing

Accessories

- Included accessories: Warranty Leaflet, Power cord, Remote Control, Batteries for remote control, Wall mounting bracket
- Optional accessories: Set up Remote RC2573GR, Wireless SmartLoader 22AV1135, Table top Stand with Swivel

Dimensions

- Set Width: 1046 mm
- Set Height: 686 mm
- Set Depth: 113 mm
- Product weight: 26 kg
- Set width (with stand): 1046 mm
- Set height (with stand): 749 mm
- Set depth (with stand): 265 mm
- Box width: 1152 mm
- Box height: 788 mm
- Box depth: 313 mm
- Weight incl. Packaging: 31.4 kg
- Wall mount compatible: 600 x 400 mm



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