



Philips  
Healthcare LCD TV

66 cm (26")

LCD  
Pro:Idiom™

26HFL5830H

## Healthcare HD LCD TV

w/MPEG-4, SmartCard, Pro:Idiom™ & SmartWindow PIP

This HealthCare LCD TV delivers a superior picture with razor sharp images and brilliant colors. Designed for Hospital use, this set is TigrNet enabled and complete with Pro:Idiom and SmartCard, SmartPort and XpressIO connections.

### **Best total cost of ownership**

- SmartPower<sup>2</sup> and ESP for energy savings
- Five Star Service - two-year advanced exchange warranty

### **Integrated system solution and future proof**

- Compatible with all major PPV systems
- HD content protection with Pro:Idiom™ Plus
- New embedded prepaid solutions

### **Sustainable and safe**

- Eco-friendly Design
- Flame retardant housing

### **Designed for hospital use**

- Integrated pillow speaker interface
- XpressIO Port
- UL Approved for hospital use
- TigrNet™ enabled

# PHILIPS

# Highlights

## **TigrNet™ enabled**

TigrNet™ software provides a user interface and enhanced functionality to the patient television. TigrNet™ can be used with a variety of products including TIGR education on-demand and upgraded services for subscription billing. TigrNet™ provides access to The Internet, e-mail, hospital services, patient education, surveys, television, games and movies. TigrNet™ allows monitoring from a central location using remote management software.

## **XpressIO Port**

XpressIO enables two-way communication with external control devices, including TigrNet™.

## **UL Approved for hospital use**

This set is specifically engineered to meet the more stringent requirements for use in hospital environments.

## **Integrated pillow speaker inte**

An easy to use and configure isolated interface for pillow speakers is built right into the TV.

## **Pro:Idiom™ Plus**

Pro:Idiom™ was created for the hospitality industry to protect first run movies and other HD premium content from piracy. Philips Pro:Idiom™ Plus televisions offer secure HD

content protection not only for PPV hotels, but now also for stand alone properties. (Additional fees may apply for stand alone use) (Pro:Idiom™ is a trademark of the Zenith Corp.)

## **PPV system compatible**

Philips Hospitality sets are designed to be compatible with all major Pay Per View systems, including, but not limited to, LodgeNet, OnCommand, NxTV, GuesTek, nStreams, Hospitality Network, and KoolConnect. This guarantees seamless integration in almost any system configuration.

## **New embedded prepaid solutions**

Philips Hospitality sets now support SmoovieTV™, a completely new way to offer in room programming optimized for hotels that traditionally have not been able to charge for such amenities due to their size or budget. Simple to use, SmoovieTV™ requires no expensive head end equipment or in-room control boxes.

## **Five Star Service**

Philips offers unmatched commitment to keeping your guest rooms in working order. Our products are so reliable that we offer a two-year advanced exchange warranty. In the event that something does go wrong, we

guarantee to ship a replacement set to you, within 72 hours during the first year.

## **SmartPower<sup>2</sup> and ESP**

Our second generation power saving technology allows the backlight intensity to be dynamically adjusted by the system to reduce the power consumption by up to 60%, saving substantially on energy costs. In addition, Philips' Energy Savings Programmability (ESP) allows the set to turn itself off when not in use to save even more energy when guests or maids leave televisions on for long periods while the room is vacant.

## **Eco-friendly Design**

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.

## **Flame retardant housing**

Philips TVs 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): 26 inch
- Diagonal screen size (metric): 66 cm
- Color cabinet: Black
- Panel resolution: 1366 x 768p
- Brightness: 500 cd/m<sup>2</sup>
- Picture enhancement: Pixel Plus 3 HD, Progressive scan, 3/2 - 2/2 motion pull down, Active Control, 3D Combfilter, Dynamic contrast enhancement, Contrast Plus, Digital Noise Reduction, Jagged Line Suppression, Luminance Transient Improver, Color Transient Improvement, Automatic skin tone correction, Color Enhancement, Motion adaptive de-interlacing
- Contrast ratio (typical): 800:1
- Display screen type: LCD WXGA Active Matrix TFT
- Dynamic screen contrast: 6400:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 160 degree
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1366 x 768, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 720p, 60Hz, 1080i, 60Hz, 1080p, 24, 25, 30Hz, 1080p, 24, 50, 60Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC, ATSC
- Cable: Unscrambled Digital Cable QAM
- Number of Preset Channels: 250
- Video Playback: NTSC, PAL
- Terrestrial: ATSC (8VSB)

## Multimedia Applications

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

## Convenience

- Ease of Installation: Fine Tuning, PLL Digital Tuning, Program Name, Advanced Hotel Mode, Cloning of TV settings via USB, Keyboard lock-out, Security menu access
- Ease of Use: Auto Volume Leveller (AVL), Smart Picture, Smart Sound
- User convenience: Closed captioning (digital), Vchip and parental lock
- Comfort: Hotel Guest features, Sleep timer, Switch on channel, Volume limitation, Welcome message
- Screen Format Adjustments: 4:3, 7 Widescreen Modes
- Interactive hotel features: Smoovie Pay TV
- Other convenience: Kensington lock

## Healthcare

- Control: Pendant control connector
- Safety: Galvanic isolated connections, Grounded power cord
- Convenience: Independent main speaker mute

## Sound

- Output power (RMS): 2 x 10W
- Sound System: Stereo, Dolby Digital (AC-3)
- Sound Enhancement: Auto Volume Leveler, Incredible Surround

## Loudspeakers

- Built-in speakers: 2

## Connectivity

- AV 1: AV In, S-Video Y/C
- Connectivity Enhancements: SmartCard Expansion Slot, HM-Link, Extra Power supply 12V/1W, USB2.0, RJ12 SmartPlug connector
- AV 2: Audio L/R in, YPbPr
- Audio Output - Digital: Coaxial (cinch)
- AV 3: VGA PC-in, Audio-in mini jack 3.5mm
- AV 4: HDMI
- AV 5: HDMI
- Other connections: Antenna F-type, RS232 Serial

## Power

- Mains power: 110 - 240V, 50/60Hz
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 125 W
- Standby power consumption: 1.12 W
- Power use SmartPower<sup>2</sup> = off: <math>\leq 115</math> watts
- Power use SmartPower<sup>2</sup> = high: <math>\leq 40</math> watts

## Green Specifications

- Safety: Flame retardant housing
- Eco Designed
- SmartPower<sup>2</sup>

## Accessories

- Included accessories: 3.5mm to 6.3mm jack cable, Power cord, Warranty Leaflet
- Optional accessories: Set up Remote RC2573GR, Mounting brackets/ stands, Table top Stand with Swivel

## Dimensions

- Wall mount compatible: 200 x 100 mm
- Set Width (inch): 26.7 inch
- Set Height (inch): 18.6 inch
- Set Depth (inch): 4.5 inch
- Product weight (lb): 25.3 lb
- Box depth (inch): 33.1 inch
- Weight incl. Packaging (lb): 29.8
- Box height (inch): 8 inch
- Box width (inch): 22.6 inch



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\* Five Star Advanced Exchange warranty is valid in the United States only. Local warranties govern sales in other countries.