

Philips  
Healthcare LCD TV

PHILIPS

107cm (42")

LCD  
Pro:Idiom™ with MPEG-4



42HFL5682H

## The optimal Healthcare HD LCD TV

MPEG-4 and Pro:Idiom™ Plus

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, SmartPort and IPTV connections.

### Designed for hospital use

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

### Best total cost of ownership

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

### Sustainable and safe

- Lead-free/RoHS compliant with flame retardant housing
- Eco-sensitive materials and packaging

### Differentiating guest experience

- USB media autoplay
- Full HD LCD display 1920x1080p

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# Highlights

## 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.

## RoHS & Flame retardant housing

In addition to being lead-free and RoHS compliant, Philips TVs have a special housing of

eco-friendly, non-brominated flame-retardant materials. 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.

## USB media autoplay

Philips TVs feature a USB connector that allows the guest to connect USB memory sticks to play music or photos right on the TV.

# Specifications

## Picture/Display

- Color cabinet: Black
- Aspect ratio: 16:9, Widescreen
- Brightness: 500 cd/m<sup>2</sup>
- Contrast ratio (typical): > 2000:1
- Dynamic screen contrast: 50000:1
- Diagonal screen size: 42.143 inch / 107.04 cm
- Picture enhancement: Progressive scan, 3/2 - 2/2 motion pull down, 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, Active Control + Light sensor, 1080p 24/25/30Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V)

## Supported Display Resolution

### Computer formats

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

### Video formats

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

## Sound

- Sound System: Stereo, Dolby Digital (AC-3)
- Output power (RMS): 2 x 10W
- Sound Enhancement: Auto Volume Leveller
- Equalizer: 5-bands

## Loudspeakers

- Built-in speakers: 2

## Convenience

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

- compatible
- Other convenience: Kensington lock
- SmartFeatures: SmartAudioSelect, SmartClone, SmartCP, SmartGuide Categories, SmartInstall, SmartLogo, SmartPower, SmartRC, SmartUpdate, SmartWindow, SmartSecure

## Tuner/Reception/Transmission

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

## Connectivity

- AV 1: Audio L/R in, CVBS in
- AV 2: Audio L/R in, YPbPr
- AV 3: HDMI (v1.3 with CEC)
- AV 4: HDMI (v1.3 with CEC)
- AV 5: HDMI (v1.3 with CEC)
- Front / Side connections: Audio L/R in, CVBS in, HDMI v1.3, USB 2.0, VGA PC-In, PC audio in 3.5 mm jack
- Other connections: Antenna F-type, RS232 Serial, S/PDIF out (coaxial), Analog audio Left/Right out
- Connectivity Enhancements: RJ12 SmartPlug connector, External Loudspeaker connector

## Power

- Mains power: 110 - 240V, 50/60Hz
- Maximum Power Consumption: 130 W
- Standby power consumption: < 1 W
- Ambient temperature: 0 °C to 40 °C

## Dimensions

- Set dimensions in inch (W x H x D): 40.3 x 25 x 3.6 inch
- Product weight (lb): 33.5
- Weight incl. Packaging (lb): 53.9
- VESA wall mount compatible: 200 x 200 mm
- Box dimensions in inch (W x H x D): 50.2 x 29.5 x 10 inch
- Product weight (+stand) (lb): 40.3 lb
- Set dimensions with stand in inch (W x H x D): 40.3 x 27.1 x 14.2 inch

## Accessories

- Included accessories: Warranty Leaflet, Quick start guide, 3.5mm to 6.3mm jack cable, Power cord (1.8m)
- Optional accessories: Set up Remote RC2573GR, Mounting brackets/ stands, Guest remote control, Table top Stand with Swivel

## Multimedia Applications

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

## Green Specifications

- Safety: Flame retardant housing
- Eco Designed

- Low Power Standby
- SmartPower Ultra

## Healthcare

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



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