



Philips
Healthcare LCD TV

42" class

LCD Pro:Idiom™ with MPEG-4

42HFL5581H/27

Healthcare Full 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 XpressIO 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
- SmartPower² 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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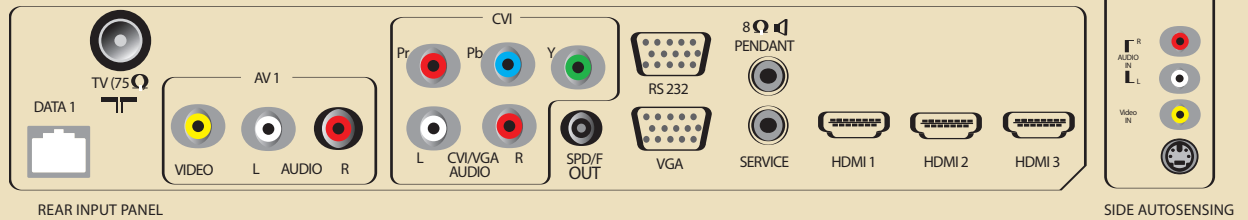


HealthCare Media Technologies, Inc.
www.HealthCareMediaTechnologies.com
phone: 1-888-523-8871

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SPECIFICATIONS

Picture/Display

- Aspect ratio: 16:9, Widescreen
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1400:1
- Dynamic screen contrast: 11200:1
- Diagonal screen size: 42 inch / 107 cm
- Picture enhancement: Pixel Plus 3 HD, 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, 1080p 24/25/30Hz processing, Active Control + Light sensor
- 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	(60 Hz)
800 x 600	(60 Hz)
1024 x 768	(60 Hz)
1366 x 768	(60 Hz)

• Video formats

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

Sound

- Sound system: Stereo, Dolby Digital (AC-3)
- Output power (RMS): 2 x 10W
- Sound enhancement: Auto Volume Leveller, Incredible Surround, Treble and Bass Control

Loudspeakers

- Built-in speakers: 2

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
- 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: Smoovie Pay TV, Connectivity panel compatible, Remote diagnostics, SmartClone, SmartGuide, SmartInstall, SmartSecure, SmartUpdate
- Other convenience: Kensington lock

Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, 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: VGA PC-in
- AV 4: HDMI (v1.3 with CEC)
- AV 5: HDMI (v1.3 with CEC)
- AV 6: HDMI (v1.3 with CEC)
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, USB
- Other connections: Antenna F-type, RS232 Serial, S/PDIF out (coaxial)
- Connectivity Enhancements: RJ12 SmartPlug connector

Power

- Mains power: 120V, 60Hz
- Maximum Power Consumption: 245 W
- SmartPower High + AutoSense: 77.26 W

- SmartPower high mode: 83.83 W
- SmartPower Medium + AutoSense: 80.77 W
- SmartPower medium mode: 88.58 W
- SmartPower Low + AutoSense: 85.02 W
- SmartPower low mode: 111.49 W
- SmartPower Off + AutoSense: 86.45 W
- SmartPower Off mode: 117.58 W
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C

Dimensions

- Color cabinet: Black
- Set dimensions in inch (W x H x D): 40.7 x 27 x 4 inch
- Product weight (lb): 39.7
- Weight incl. Packaging (lb): 51.8
- VESA wall mount compatible: 400 x 400 mm
- Box dimensions in inch (W x H x D): 52.6 x 28.7 x 11.1 inch

Accessories

- Included accessories: Warranty Leaflet, Power Cord (3m), Quick start guide, 3.5mm to 6.3mm jack cable
- 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
- SmartPower²
- Energy Star 3.0
- Low Power Standby

Healthcare

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



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PRODUCT 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.

SmartPower² 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.

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.

UL Approved for hospital use:

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

Integrated pillow speaker interface:

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



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