

Philips
Professional LED TV

28" MediaSuite

LED
DVB-T2/T/C & IPTV

28HFL5010T



Connect and control

for a future-proof guest experience

With this energy-efficient Hospitality TV, you will enjoy all the benefits of state-of-the-art connectivity and interactive hotel info pages while remote installation and management guarantee the lowest cost of ownership

Differentiating guest experience

- On-screen clock display for optimal guest convenience
- Miracast and DirectShare to share movies and music on your TV
- Smart TV apps with many dedicated services for hospitality
- SmartInfo for branded, interactive hotel info pages

Advanced hotel features and future proof

- Integrated IPTV system for optimal customised interactivity
- Serial Xpress Protocol for interactive systems
- MyChoice compatibility for recurring revenues
- SmartInstall for easy remote installation and maintenance
- Integrated Wi-Fi to use Smart TV wirelessly
- AppControl to add, sort and delete apps with minimum effort

Great viewing experience and guest comfort

- LED TV for images with incredible contrast
- Low power consumption

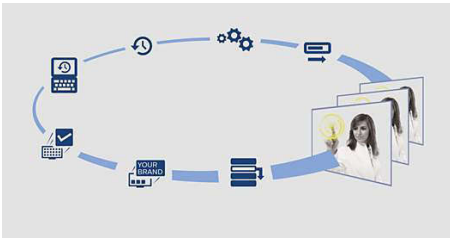
PHILIPS

Highlights

LED TV

With LED backlight you can enjoy low power consumption and beautiful lines combined with high brightness, incredible contrast and vibrant colours.

SmartInstall



SmartInstall makes the installation and maintenance of your TVs effortless. With a simple to use web tool, you can now remotely configure and install your TVs without visiting any rooms! This saves you time and makes sure your guests are not disturbed. Whether it is updating the hotel info pages or installing new channels, SmartInstall can handle all.

SmartInfo



SmartInfo allows you to provide hotel or city information to your guests. Your guests have access to this interactive hotel webpage even when the TV is not connected to your intranet or the Internet. You can change the information regularly and easily to keep your guests up to date with all the latest developments at your hotel.

Miracast and DirectShare



Our TVs give your guests the freedom to enjoy their content on the big TV wirelessly and without hassle. With our open system approach we serve iOS as well as Android users and continuously extend our compatibility. Our secure sharing protects your guests. Pictures, movies, music — it can all be shared and enjoyed on our TVs via Miracast and DirectShare!

Smart TV apps

Philips Smart TV apps consist of an ever-growing choice of applications ranging from YouTube to social networking apps and many more. The dedicated version is tailored for hospitality use and has several added benefits, such as making sure guest information is securely deleted after use and avoiding illegal content that could harm your business.

AppControl

App control allows you to give your guests the TV applications of their dreams. You are able to add, delete and sort all the apps in the way you want. Even better, you can now clone these settings to any other TV without having to set up the other TV as well! You can even make various profiles and change on the fly. Do you want to give your suites the high-bandwidth video apps and your other rooms the low-bandwidth apps? No problem. App control makes sure you and your guest have a smooth experience.

Integrated IPTV

Save costs and clutter. With our new Smart TVs you can build your hotel system directly on the TV. Interactive channels, video-on-demand, interactive hotel menus and

information as well as online ordering systems are all possible without an external box attached to the TV. As well as delivering content over coax TV cables, you can now also use your Internet network to deliver your TV channels or VOD directly to the TV. Our partner network can make sure you get the customised portal you want.

Integrated Wi-Fi

With integrated Wi-Fi in your Philips Smart TV, you can wirelessly access a world of content.

MyChoice compatible



MyChoice offers a simple and low-cost way to offer your guests premium TV channels. At the same time it delivers an additional revenue stream which allows you to recover your initial TV investment.

Serial Xpress Protocol (SXP)

The TV can be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Protocol (SXP).

On-screen clock display

With our new on-screen clock display, guests can easily access the current time. At the push of a button the clock is displayed on the TV screen combining enhanced visibility and lower power consumption.

Low power consumption

Philips TVs are designed to minimise power consumption. This will not only reduce environmental impact but also lower operating costs.

Specifications

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 28 inch
- Diagonal screen size (metric): 70 cm
- Display: LED HD TV
- Panel resolution: 1366 x 768p
- Brightness: 310 cd/m²
- Picture enhancement: 200 Hz Perfect Motion Rate, Pixel Plus HD
- Viewing angle: 178° (H)/178° (V)

Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/C
- Video Playback: NTSC, PAL, SECAM
- Analogue TV: PAL
- IP Playback: Multicast, Unicast

Features

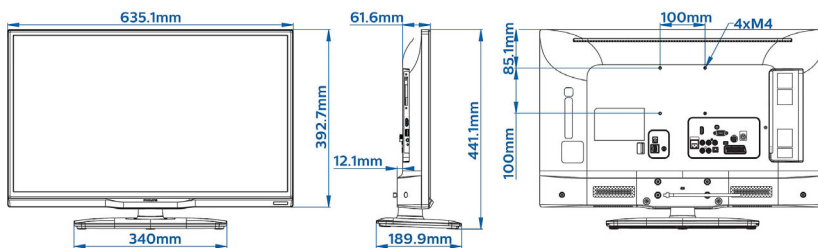
- Ease of use: Picture Style, Sound Style
- Digital services: 8d EPG, Now and Next, MHEG, Teletext, HbbTV
- Local control: On/Off switch (side)

Hospitality Features

- Hotel mode: Local Control Lock, Menu lock, Installation Menu Lock, Volume limitation
- Prison mode: high-security mode, TXT/MHEG/USB/EPG/Subtitle Lock
- Timer: Sleep Timer, Wake Up Alarm, Wake Up On Channel, Wake Up Sounds
- Switch On control: Channel, Feature, Picture Format, Volume
- Anti-Theft: Battery Anti-theft Protection, Kensington Lock
- Power control: Auto Power ON, Green/fast start-

up, WoLAN

- Apps: AppControl, Cloud-based Apps
- Your brand: SmartInfo, Welcome Logo, Welcome Message, SmartTV Custom Background, Customisable Dashboard (HTML), IPTV System
- Clock: Clock in Standby Mode, Glow-in-the-Dark RC button, On-screen Clock, Optional External Clock
- SmartInfo: HTML5 Browser, Interactive Templates, Picture Slide Show
- Cloning and Firmware update: Instant Initial Cloning
- CMND&Control: Off-Line Channel Editor, Off-Line Settings Editor, Real-time TV Status (IP), Remote Management over IP/RF, CMND&Create, TV Group management
- Control: Block Automatic Channel Update, Serial Xpress Protocol, JSON API for TV Control-JAPIT



Specifications

- Interactive DRM: VSecure, Playready Smoothstreaming
- Revenue generation: AppRevenue, MyChoice
- Remote Control: Cable Strap Ready, Low-Battery Detection, RC Battery Door Lock
- Channels: Combined List

Healthcare features

- Control: Multi-Remote Control, Healthcare RC compatible, Nurse call system compatible
- Convenience: Headphone out, Independent main speaker mute
- Safety: Double isolation class II, Flame retardant

Multimedia

- Video playback supported: Formats: H.264/MPEG4 AVC, MPEG1, MPEG2, MPEG4, WMV9/VC1, Containers: AVI, MKV, 3GP, ASF, M2TS, M4V, MP4, MPG, PS, Quicktime, TS, WMV
- Music formats supported: MP3, AAC, WAV, WMA (v2 up to v9.2)
- Subtitle formats supported: SRT, ASS, SMI, SSA SUB, TXT
- Picture formats supported: BMP, JPG, PNG, GIF
- Supp. Video Resolution on USB: up to 1920x1080p@60Hz
- Multimedia connections: USB, LAN

Audio

- Sound output Power: 10 (2x5) W
- Bathroom speaker out: 1.5 W Mono 8 ohm
- Speakers: 2.0, Down Firing
- Sound Features: AVL, Incredible surround, Dynamic Bass, Dolby MS10

Power

- Mains power: AC 220-240 V; 50-60 Hz
- Ambient temperature: 0 °C to 40 °C
- Standby power consumption: <0.3 W
- Energy Label Class: A+
- EU Energy Label power: 19 W
- Power Saving Features: Eco mode
- Annual energy consumption: 28 kWh

Accessories

- Included: Remote Control 22AV1409A/12, Tabletop Stand, 2 x AAA batteries, Warranty Leaflet, Legal and Safety brochure, Power Cord
- Optional: External Clock 22AV1120C/00,

Healthcare RC 22AV1109H/12, Setup RC 22AV9573A

Wireless Connectivity

- Wireless LAN: 802.11 b/g/n
- Wi-Fi-Direct: DirectShare, Miracast

Side Connectivity

- Common Interface Slot: CI+ 1.3
- HDMI 2: HDMI 1.4
- Headphone out: Mini-Jack
- USB1: USB 2.0

Rear Connectivity

- Scart: RGB, CVBS, SVHS
- Bathroom speaker out: Mini-Jack
- Component: YPbPr + L/R cinch
- AV input: CVBS shared with YPbPr
- DVI audio in: Mini-Jack
- External power: 12 V/15 W, Mini-Jack
- External Control: RJ-48
- Antenna: IEC-75
- HDMI1: HDMI 1.4
- Digital Audio out: Optical
- Ethernet (LAN): RJ-45
- VGA input: 15 pin D-sub

Connectivity Enhancements

- RJ48: IR-In/Out, Serial Xpress interface
- EasyLink (HDMI CEC): One touch play, System Standby, RC pass through, system audio control
- LAN: Wake up on LAN
- HDMI: ARC (all ports), DVI (all ports)
- Scart: Power on scart

Design

- Colour: Black

Dimensions

- Set Width: 635 mm
- Set Height: 393 mm
- Set Depth: 62/74 mm
- Product weight: 4.5 kg
- Set width (with stand): 635 mm
- Set height (with stand): 438 mm
- Set depth (with stand): 190 mm
- Product weight (+stand): 5.1 kg
- Wall-mount compatible: 100 x 100 mm, M4



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Version: 1.0.1

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* Availability of features will depend on implementation chosen by integrator.
* Typical on-mode power consumption measured according to IEC62087 Ed 2. The actual energy consumption will depend on how the TV is used.
* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.