

Philips 7000 series  
Smart LED TV with  
Ambilight Spectra 2 and  
Pixel Precise HD

107 cm (42")

Full HD 1080p  
DVB-T2/C

42PFL7406T



## Be part of the action!

with Ambilight in an ultra-thin design

Excite your senses with the ultra thin Philips 7000 series 42PFL7406 Smart LED TV. Pixel Precise HD gives you sharp, vivid LED pictures, even in fast action. Together with Ambilight you will get an intense TV moment, as if you were there

### **Intensify your viewing experience**

- Ambilight Spectra 2-sided intensifies the viewing experience

### **Action captured in stunning detail**

- Full HD TV with Pixel Precise HD for details in action
- Brilliant LED images with incredible contrast
- 400 Hz Perfect Motion Rate (PMR) for superb motion sharpness

### **Authentic and clear sound experience**

- Feel the power of 24 W RMS and Incredible Surround Sound

### **Enjoy the online world with Smart TV**

- A wealth of online apps, videos to rent and catch-up TV
- Control the TV with your smart phone, tablet or keyboard
- With SimplyShare, enjoy photos, music and movies on your TV
- Find, schedule, record\* and pause TV
- Easy wireless connection with optional wireless USB adapter



# PHILIPS

# Highlights

## Ambilight Spectra 2



Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen by projecting a glow of light from 2 sides of the back of the TV screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light to match the TV picture. Thanks to the wall-adaptive function, the colour of the light is perfect, regardless of your wall colour.

## Pixel Precise HD

Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the high definition picture quality to the next level with 4 trillion colours. With Super Resolution, Pixel Precise HD now brings you the best HD TV picture quality whether you are watching a video from the Internet or good quality Blu-ray movies.

## Full HD LED TV



The most advanced LED lighting technology in this Full HD LED TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlights you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colours.

## 400 Hz Perfect Motion Rate



400 Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, HD Natural Motion and unique processing formula, for unprecedented motion sharpness.

## 24 W RMS Incredible Surround Sound

Feel the power of the music's beat and the real atmosphere of the movies. The powerful 24 W RMS (2 x 12 W RMS) amplifiers create a lifelike sound stage. Incredible Surround allows you to experience total surround with greater depth and width of sound, which complements the rich viewing experience.

## Wi-Fi USB Adapter



Enjoy Smart TV wirelessly with the Philips Wi-Fi USB Adapter (PTA01) for Smart TV. Simply insert the adapter to the USB connector at the side of the TV and connect your TV directly to your home network. Navigate to your preferred online content with your TV remote control.



## Smart TV

Smart TV for a simpler TV experience in four areas. Net TV lets you rent films, watch catch-up TV and enjoy social media. Control your TV with your Smartphone or tablet. Use SimplyShare to enjoy multimedia content from your computer, phone and tablet on your TV. Record your TV programmes easily without additional bulky devices.



# Specifications

## Ambilight

- Ambilight Version: 2 sided
- Ambilight Features: Wall colour adaptive, Lounge light mode

## Picture/Display

- Display: edge LED backlight
- Diagonal screen size: 42 inch / 107 cm
- Panel resolution: 1920 x 1080p
- Aspect ratio: 16:9
- Brightness: 450 cd/m<sup>2</sup>
- Peak Luminance ratio: 65 %
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Picture enhancement: Pixel precise HD, HD Natural Motion, Active Control + Light sensor, Super Resolution, 400 Hz Perfect Motion Rate

## Sound

- Output power (RMS): 24 W (2 x 12 W)
- Sound Enhancement: Auto Volume Leveller, Clear Sound, Incredible Surround, Treble and Bass Control

## Smart TV Applications

- Control: MyRemote app (iOS & Android), USB Keyboard and Mouse support
- SimplyShare: DLNA media browser, USB media browser
- Net TV: Catch-up TV, Online Video shops, Open Internet browser, Online apps
- Programme: Pause TV, USB recording

## Connectivity

- Number of HDMI connections: 4
- HDMI features: Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug and play add to Homescreen, Auto subtitle shift (Philips), Pixel Plus link (Philips), One touch play
- Number of components in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 2
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, SD card slot (Videostore), Digital audio out (optical), PC-in VGA + Audio L/R in, Headphone out, Service

- connector
- Wireless connections: Wireless LAN ready

## Multimedia Applications

- Video Playback Formats: Codec support:, Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG
- Net TV: Included

## Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920 x 1080p

## Convenience

- PC network link: DLNA 1.5 certified
- Electronic Programme Guide: 8-day Electronic Programme Guide\*
- Ease of Installation: Auto detect Philips devices, Channel installation wizard, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Home button, On-screen User manual, Touch control buttons
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Signal strength indication
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

## Tuner/Reception/Transmission

- Digital TV: DVB-C MPEG2\*, DVB-C MPEG4\*, DVB-T MPEG2\*, DVB-T MPEG4\*, DVB-T2, Freeview HD
- Video Playback: NTSC, PAL, SECAM

## Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 40°C
- Energy Label Class: A
- EU Energy Label power: 58 W
- Annual energy consumption: 85 kWh
- Standby power consumption: < 0.15 W

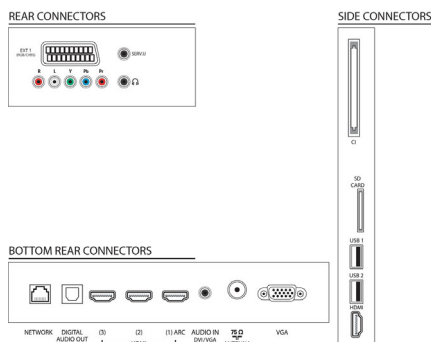
- Off mode power consumption: < 0.01 W
- Power Saving Features: 0 Watt Power-off switch, Auto switch-off timer, Eco mode, Eco settings menu, Light sensor, Picture mute (for radio)
- Presence of lead: Yes\*

## Dimensions

- Box dimensions (W x H x D): 1065 x 693 x 158 mm
- Set dimensions (W x H x D): 992 x 586 x 37.8 mm
- Set dimensions with stand (W x H x D): 992 x 660 x 254 mm
- Product weight: 13 kg
- Product weight (+stand): 15.8 kg
- Compatible wall mount: 400 x 400 mm

## Accessories

- Included accessories: Power cord, Remote Control, 2 x AAA Batteries, Tabletop swivel stand, Quick start guide, Legal and safety brochure, Warranty Leaflet
- Optional accessories: Wireless USB adapter (PTA01)



Issue date 2022-04-26

Version: 7.1.9

12 NC: 8670 000 74448  
EAN: 87 12581 59411 4

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\* Net TV: Visit [www.philips.com/smarttv](http://www.philips.com/smarttv) to discover the services available in your country.  
\* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.  
\* 8 days EPG, service not available in all countries  
\* USB recording is only possible for digital channels covered by the TV IP bases Electronic Programme Guide (country and channel restrictions may apply); recordings may be limited by broadcast copy protection (CI+). An Internet connection is required.  
\* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television 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.  
\* USB keyboard and mouse is supported via software update