

Philips 7000 series
Smart LED TV

107 cm (42")

Easy 3D
DVB-T/C

42PFL7696H



Be part of the action!

with Ambilight and 3D TV

Experience cinema at home with a Philips 7000 series 107 cm (42") 42PFL7696 3D TV. It combines powerful LED pictures and the immersion of Ambilight to deliver an immersive 3D movie experience. Be assured you will always be part of the action.

Authentic and clear sound experience

- Feel the power of 28 W RMS and Incredible Surround

Intensify your viewing experience

- Ambilight Spectra 2-sided intensifies the viewing experience
- Easy 3D for a truly immersive 3D movie experience

Action captured in stunning detail

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

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 films on your TV
- Find, schedule, record* and pause TV

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.

Easy 3D



Easy 3D ensures you get long hours of comfort while watching 3D thanks to the flicker-free, low ghosting performance. The compatible 3D glasses are lightweight and do not require batteries. Enjoy 3D easily at home today!

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.

600 Hz Perfect Motion Rate



600 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, Perfect Natural Motion and unique processing formula, for unprecedented motion sharpness.

Perfect Natural Motion



Enjoy the action without any judder. Perfect Natural Motion estimates motion in the

picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness. Enjoy motion performance that surpasses cinema quality!

28 W RMS Incredible Surround

Feel the power of the music's beat and the real atmosphere of the movies. The powerful 28 W RMS (2 x 14 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.

Net TV online apps



Rent films directly on your TV from online video shops, watch catch-up TV from your favourite channels and enjoy a rich selection of online apps with Net TV. You can also browse the open Internet.

SimplyShare TV



Share photos, music and films through SimplyShare from your smart phone, tablet or computer and enjoy them on the big screen.

Specifications

Ambilight

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

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Display: edge LED backlight
- Panel resolution: 1920 x 1080p
- 3D: Easy3D*
- Brightness: 450 cd/m²
- Picture enhancement: Pixel precise HD, Perfect Natural Motion, Active Control + Light sensor, Super Resolution, 600 Hz Perfect Motion Rate
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Peak Luminance ratio: 65 %

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

Tuner/Reception/Transmission

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

Smart TV Applications

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

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

Convenience

- 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
- PC network link: DLNA 1.5 certified
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Electronic Programme Guide: 8-day Electronic Programme Guide*
- Signal strength indication
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

Sound

- Output power (RMS): 28 W (2 x 14 W)
- Sound Enhancement: Auto Volume Leveller, Clear Sound, Incredible Surround, Treble and Bass Control

Connectivity

- Number of HDMI connections: 4
- HDMI features: 3D, Audio Return Channel
- Number of components in (YPbPr): 1
- 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 scarts (RGB/CVBS): 1
- Number of USBs: 2
- Wireless connection: Wireless LAN ready
- 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

Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 40°C
- Standby power consumption: $\leq 0.15\text{ W}$
- Energy Label Class: A
- EU Energy Label power: 59 W

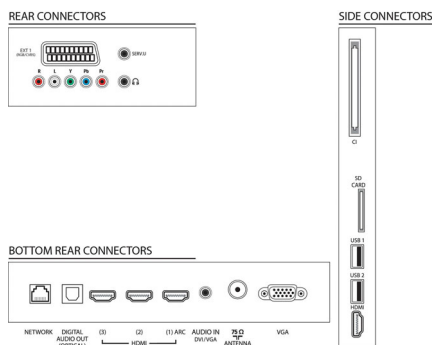
- Power Saving Features: 0 Watt Power-off switch, Auto switch-off timer, Eco mode, Eco settings menu, Light sensor, Picture mute (for radio)
- Off mode power consumption: ≤ 0.01
- Annual energy consumption: 86 kWh
- Presence of lead: Yes*
- Annual stby energy consumption: 1.1* kWh

Accessories

- Included accessories: Power cord, Remote Control, 2 x AAA Batteries, 4 x 3D glasses PTA416, Tabletop swivel stand, Quick start guide, 3D Health Guide, Legal and safety brochure, Warranty Leaflet
- Optional accessories: 3D glasses PTA416, Wireless USB adapter (PTA01)

Dimensions

- Set Width: 992 mm
- Set Height: 586 mm
- Set Depth: 37.8 mm
- Product weight: 13 kg
- Set width (with stand): 992 mm
- Set height (with stand): 660 mm
- Set depth (with stand): 254 mm
- Product weight (+stand): 15.8 kg
- Box width: 1065 mm
- Box height: 693 mm
- Box depth: 158 mm
- Compatible wall mount: 400 x 400 mm



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* Net TV: Visit www.philips.com/smarttv to discover the services available in your country.
* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
* 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.
* Using the integrated digital TV tuner will help to save energy
* 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.
* Using the ZERO power off switch will reduce standby energy consumption to 0
* 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