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

107cm (42")
Easy 3D
DVB-T/C

42PFL7666H





Be part of the action!

with Ambilight and 3D TV

Experience cinema at home with a Philips 7000 series 107 cm/42" 42PFL7666 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.

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
- 400Hz Perfect Motion Rate (PMR) for superb motion sharpness

Authentic and clear sound experience
- Feel the power of 28W RMS and Incredible Surround

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* & pause TV
- Integrated Wi-Fi to use Net TV apps and SimplyShare wireless

SmartTV

PHILIPS

Smart LED TV
107cm (42") Easy 3D, DVB-T/C

42PFL7666H/12

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 color and brightness of the light to match the TV picture. Thanks to the wall-adaptive function, the color of the light is perfect, regardless of your wall color.

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 light weight 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



Full HD LED

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 backlight you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colors.

400Hz Perfect Motion Rate



400Hz 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.

28W RMS Incredible Surround

Feel the power of the music's beat and the real atmosphere of the movies. The powerful 28W RMS (2x14W RMS) amplifiers create a lifelike sound stage. Incredible Surround allows you to experience total surround with greater depth and width of sound complementary to the rich viewing experience.

Integrated Wi-Fi and Net TV

Enjoy movies, pictures, infotainment and other online content directly on your TV wirelessly. Simply connect the TV to your wireless home network with the easy wizard. Navigate the apps using the TV remote control and select from the rich offer of apps.

SmartTV

Smart TV

Smart TV for an easier TV experience in 4 areas. Net TV lets you rent movies, 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 & tablet on your TV. Record your TV programs easily without additional bulky devices.

ambi light
Pixel Precise HD
EASY 3D
Full HD LED
400 Hz Perfect Motion Rate
HD Natural Motion
NetTV
DVB TC TERRESTRIAL/CABLE
USB recording

Smart LED TV
107cm (42") Easy 3D, DVB-T/C

42PFL7666H/12

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: 1920x1080p
- 3D: Easy3D*
- Aspect ratio: 16:9
- Brightness: 450 cd/m²
- 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): 28W (2 x 14W)
- Sound Enhancement: Auto Volume Leveler, Clear Sound, Incredible Surround, Treble and Bass Control

Smart TV Applications
- Control: MyRemote app (iOS & Android), USB Keyboard & Mouse support
- SimplyShare: DLNA media browser, USB media browser, WiFi MediaConnect*
- Net TV: Catch-up TV, Online Video stores, Open Internet browser, Online apps
- Program: Pause TV, USB recording

Connectivity
- Number of HDMI connections: 4
- HDMI features: 3D, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug & play add to Homescreen, Auto subtitle shift (Philips), Pixel Plus link (Philips), One touch play
- Number of component 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: WiFi Certified

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 1920x1080 @ 60Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920x1080p

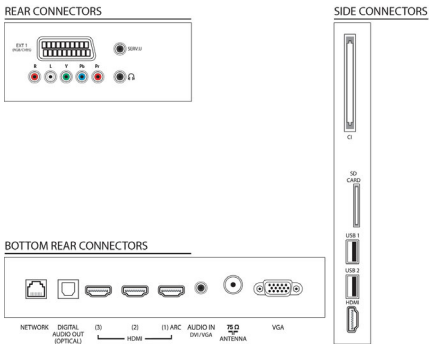
Convenience
- PC network link: DLNA 1.5 certified
- Electronic Program Guide: 8day Electronic Program Guide*
- Ease of Installation: Auto detect Philips devices, Channel installation wizard, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Home button, Onscreen Usermanual, 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*
- Video Playback: NTSC, PAL, SECAM

Power
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 40 °C
- Energy Label Class: A
- Eu Energy Label power: 59 W
- Annual energy consumption: 86 kW·h
- Standby power consumption: < 0.15 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*
- Off mode power consumption: < 0.01
- Annual stby energy consumption: 1.1* kW·h

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 400mm

Accessories
- Included accessories: Power cord, Remote Control, 2 x AAA Batteries, 2 x 3D Glasses, 2x cleaning cloth bags, Tabletop swivel stand, Quick start guide, 3D Health Guide, Legal and safety brochure, Warranty Leaflet
- Optional accessories: 3D glasses PTA416



* Net TV: Visit www.philips.com/smarttv to discover the services offering 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 subscripction 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 only 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 & mouse is supported via software update

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EAN: 87 12581 59385 8

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