

Philips Cineos
LCD TV

107 cm (42")
integrated digital

42PFL9603D



Excite your senses

Immerse yourself in a captivating Ambilight experience. Featuring Perfect Pixel HD Engine, this TV combines Perfect Motion Sharpness, 2250 trillion Colours and Perfect Contrast with Ambilight Spectra 2 — lighting up your viewing experience

Easy to connect and enjoy

- DLNA PC network link to browse PC and Home network content
- 4 HDMI inputs with Easylink for a full HD connection

Ready for digital

- Integrated Digital Tuner for DVB-T reception

Elevate your viewing experience

- Ambilight Spectra 2 enhances the viewing experience

Perfect LCD Picture

- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- HD ready 1080p for highest quality display of Full HD images
- Perfect Natural Motion for ultra-smooth Full HD movies
- 100 Hz Clear LCD, 2 ms performance for superb motion sharpness
- 2250 trillion colours processing
- Dynamic contrast 30000:1 for incredible rich black details

PHILIPS

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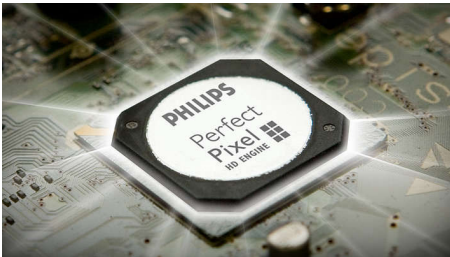
Highlights

Ambilight Spectra 2



Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light surrounding the TV to match the picture, creating an immersive viewing experience. With Ambilight Spectra 2 movies truly come to life!

Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural motion whatever you are watching. Clean and razor-sharp images result from artefact and noise detection and reduction in all content sources - from multimedia to standard TV.

Full HD LCD display 1920 x 1080p

Enjoy the exceptional picture quality of Full High Definition TV signals of HD sources like HDTV broadcast, or Blu-ray DVD. HD ready

1080p is a protected label that offers picture quality far beyond that of ordinary HD Ready. It conforms to strict standards laid out by EICTA to offer a Full HD screen that displays the benefits of resolution and picture quality of a Full HD 1920 x 1080p High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 1080p progressive signals at 24, 50 and 60 Hz.

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!

100 Hz Clear LCD (2 ms)



100 Hz Clear LCD creates extreme motion sharpness. The Double Frame Rate Insertion increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2 milliseconds. Now

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you can enjoy clear images even with fast on-screen motion.

2250 trillion colour processing

Vibrant and natural images from most advanced colour processing. The 17 bit colour booster optimises each of the 3 colour channels (RGB), a total processing power of 2250 trillion colours. It produces more vibrant colours while retaining excellent sharpness. The advanced algorithms detect skin tones and subtle colour shades, and processes these to give most natural colours.

Dynamic contrast ratio 30000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

DLNA PC network link

The PC-Network link provides easy access to personal Photo and Music content on your PC or Home Network. It uses the Ethernet (LAN) connection with DLNA protocol that assures that DLNA certified products will work together seamlessly. By connecting your TV to your home network you will be able to access information from all DLNA certified devices. Browse your PC collection of digital photographs, and music files via your home LAN network. The intuitive user interface of the TV makes it available at the push of a button

Specifications

Ambilight

- Ambilight Features: Ambilight Spectra 2, Lounge light mode
- Ambilight light system: LED-wide colour
- Dimming Function: Manual and via Light Sensor

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: Black glass decofront with black back cover
- Panel resolution: 1920 x 1080p
- Brightness: 500 cd/m²
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100 Hz Clear LCD, Jagged Line Suppression, Progressive scan, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 30000:1
- Response time (typical): 2 (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 2250 trillion colours 17bit RGB

Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1360 x 768, 60 Hz, 1920 x 1080i, 60 Hz, 1920 x 1080p, 60 Hz
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 24, 50, 60 Hz, 1080p, 24, 25, 30 Hz

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: DVB COFDM 2K/8K
- Digital TV: DVB Terrestrial*
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2

Convenience

- Child Protection: Child Lock+Parental Control

- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: 4 favourite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Multimedia: Digital media reader (browser), USB autobreak-in
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide
- Remote Control: Universal
- Remote control type: RC4492
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Picture in Picture: Text dual screen
- Teletext enhancements: Habit Watch, Programme information Line
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Sound

- Output power (RMS): 2 x 15 W
- Sound System: Virtual Dolby Digital, BBE
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equalizer, Smart Sound

Loudspeakers

- Built-in speakers: 2
- Loudspeaker types: 2 integrated subwoofers, Dome tweeter

Connectivity

- EasyLink (HDMI-CEC): One touch play, System audio control, System standby
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphones Out, USB
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface
- PC network link: DLNA 1.0 certified
- Ext 3: YPbPr, Audio L/R in, VGA PC-in
- Ext 4: HDMI v1.3

- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3

Power

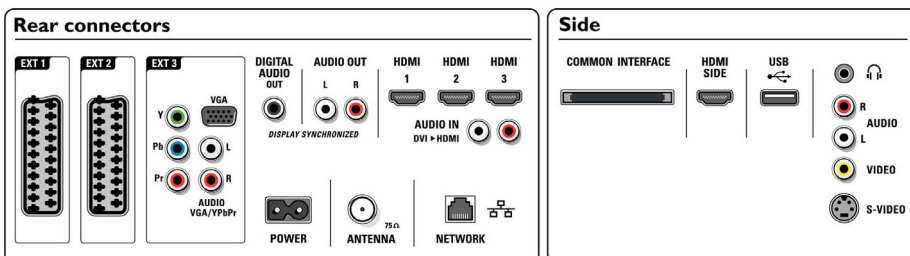
- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 35°C
- Power consumption: 206 W
- Standby power consumption: 0.15 W
- Power (Energy-saving mode): 150 W

Accessories

- Included accessories: RF antenna cable, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

Dimensions

- Set Width: 1054 mm
- Set Height: 658 mm
- Set Depth: 100 mm
- Product weight: 22.7 kg
- Set height (with stand): 731 mm
- Set depth (with stand): 265 mm
- Product weight (+stand): 27.2 kg
- Box width: 1163 mm
- Box height: 813 mm
- Box depth: 320 mm
- Weight incl. Packaging: 39 kg
- Stand width: 590 mm
- Wall-mount compatible: 300 x 300 mm



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