Brings movies to life

With Ambilight and LED Pro

Be captivated by the immersive power of Ambilight. Featuring the stunning Perfect Pixel HD engine, LED Pro backlighting and powerful sound, movies really come to life in your living room.

Immersive viewing experience
- Ambilight Spectra 3 for an immersive viewing experience

Perfect LCD Picture
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- Full HD LCD display, with a 1920 x 1080p resolution
- LED Pro for extreme contrast and brilliance
- Perfect Natural Motion for ultra-smooth Full HD movies
- 200 Hz Clear LCD*, 1 ms performance: superb motion sharpness
- Wide Colour Gamut LCD display for brilliant colours
- Dynamic contrast 5,000,000:1 for ultimate brilliant images

Built-in Internet TV
- Philips Net TV with Wi-Fi for online services on your TV
- Enjoy a rich selection of web videos from YouTube and others

Ready for digital
- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*

NL/22/001

PHILIPS

Highlights

Ambilight Spectra 3

Add a new dimension to your viewing experience with Ambilight Spectra 3. 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 3 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 match the surrounding pixels better, 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

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

Philips Net TV with Wi-Fi

Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your home theatre directly to your home network through the Ethernet connection, and navigate and select what you want to watch with the remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your remote control.

LED Pro

Enjoy breathtaking pictures and use up to 50% less energy with Philips' award-winning LED Pro! Over 1000 LEDs are operated selectively in a grid as a backlight for the display. They generate brilliant light in bright image areas, and are dimmed completely in dark areas, saving energy. Combined with the powerful Perfect Pixel HD Engine, the result is a stunning picture with extreme contrast, sharpness and vibrant colour. With LED Pro black is black and white is bright.

200 Hz Clear LCD* (1 ms)

Enjoy extreme motion sharpness. The Philips 200 Hz Clear LCD brings the response time of LCD TV to an incredible 1ms, so even with the fastest car chase scene you will be enthralled by the action, and not following a stretched car across the screen.

MPEG4 DVB-T/C tuner with CI+*

HDTV allows you to watch TV with the best possible picture and sound quality, without an additional set-top box. Thanks to the built-in tuner that supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats, you receive high definition TV programmes in exceptional quality. Moreover, with Common Interface Plus (CI+) you benefit from premium high definition content direct to your TV.

EU Eco Label

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The Philips eco-design process aims to create products that are increasingly eco-friendly. Our efforts have been recognised and Philips has been awarded the EU Eco Label (Eco flower) for the majority of its models because of their high energy efficiency, ultra low standby powers (up to 50% less than the required EU Eco Label level), absence of hazardous substances (e.g. lead) and design for easier recycling.

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 5,000,000:1
- Response time (typical): 1 (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 52 inch / 132 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colours, Wide Colour Gamut display, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, 200 Hz Clear LCD*, Scanning backlight, Local dimming LED backlight, Segmented LED backlight
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 2250 trillion colours 17bit RGB
- Colour cabinet: Brushed aluminium decofront

Ambilight
- Ambilight Features: Ambilight Spectra 3, Lounge light mode
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED-wide colour

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
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 1080	60 Hz

- Video formats

Resolution	Refresh rate
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

Sound
- Output power (RMS): 2 x 15 W
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Treble and Bass Control
- Sound System: BBE

Loudspeakers
- Built-in speakers: 4
- Loudspeaker types: 2 integrated subwoofers, 2 x Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Connection Enhancement: Easy link
- 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: Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control, Connectivity assistant, Automatic setup wizard, Demo mode, On-screen User manual, Touch control buttons, Favourite programme selection, Iconic home screen, Mozaïc channel grid
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Picture in Picture: Text dual screen
- Remote Control: DVD, DVD-R, Sat, STB (Set-Top Box), Universal, HTS (Home Theatre System)
- Remote control type: RC4496
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in, DLNA media Browser, Net TV services
- Smart mode: Game, Cinema, Personal, Power saver, Standard, Vivid

Multimedia Applications
- Multimedia connections: Ethernet-UTP5, USB, Wi-Fi 802.11g (built in)
- Playback Formats: MP3, WMA v2 up to v9.2, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2, MPEG4, AVI, H.264/MPEG-4 AVC, MPEG-Programme-stream PAL, WMV9/VC1

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- Digital TV: DVB Terrestrial*, DVB-T MPEG4*, DVB-C MPEG4*, MHEG
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in, VGA PC-in
- Front/Side connections: USB
- PC network link: DLNA 1.0 certified
- Other connections: A/V Audio L/R in (value), Analogue audio Left/Right out, S-Video in, Composite video (CVBS) input, HDMI, Headphone out, S/PDIF out (coaxial), Common Interface Plus (CI+)
- HDMI 1: HDMI v1.3a
- HDMI 2: HDMI v1.3a
- HDMI 3: HDMI v1.3a
- HDMI 4: HDMI v1.3a
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel link, Remote control pass-through, System audio control, System standby

Power
- Ambient temperature: 5°C to 35°C
- Mains power: AC 220-240 V +/- 10%
- Power consumption (typical): 116 W
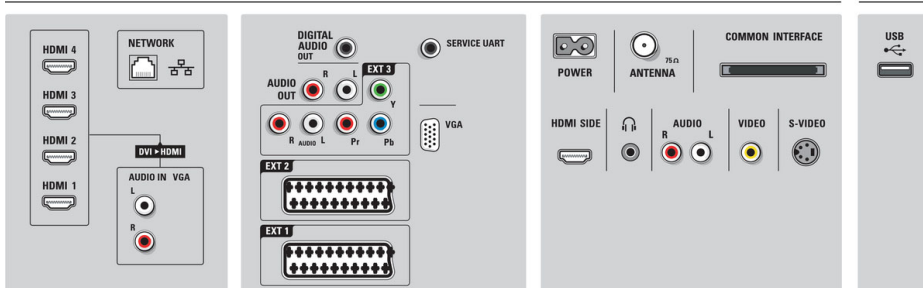- Standby power consumption: < 0.15 W

Dimensions
- Set dimensions (W x H x D): 1265 x 792 x 100 mm
- Set dimensions with stand (H x D): 853 x 310 mm
- Stand width: 550 mm
- Product weight: 40.6 kg
- Product weight (+stand): 50 kg
- Box dimensions (W x H x D): 1391 x 1073 x 368 mm
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included accessories: Tabletop swivel stand, RF antenna cable, Power cord, Quick start guide, Warranty certificate, Remote Control, Batteries for remote control, Legal and safety brochure, Net TV brochure
- Optional accessories: Smart level wallmount SQM6175, DVB-S module PFS0001*

Rear connectors   **Side**

* 200 Hz Clear LCD displays 200 scenes per second by combining advanced 100 Hz technology with scanning backlight @ 50% duty cycle.
* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.
* Net TV, service offering is dependent on country and subject to terms of use.
* Optional Philips DVB-S module required (part no. PFS0001, only available in Germany, Austria and Switzerland)