Excite your senses

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

Elevate your viewing experience
- Ambilight Spectra 2 enhances the viewing experience

Breathtaking perfect pictures
- 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
- 100Hz Clear LCD, 2ms performance for superb motion sharpness
- 2250 trillion colors processing
- Dynamic contrast 30000:1 for incredible rich black details

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
**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 adjusts automatically the colour and brightness of the light surrounding the TV to match with 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 colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

**Full HD LCD display 1920x1080p**

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 1920x1080p High Definition TV signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 1080p progressive signals at 24, 50 and 60Hz.

**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!

**100Hz Clear LCD (2ms)**

100Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It 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 (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

**2250 trillion color processing**

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

**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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

**4 HDMI inputs with EasyLink**

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With Easylink only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 3 HDMI inputs on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.
Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 30000:1
- Response time (typical): 2 (86DW equiv.) ms
- Viewing angle: 176º (H) / 176º (V)
- Diagonal screen size: 37 inch / 94 cm
- Ambilight light system: LED wide color
- Dimming Function: Manual and via Light Sensor
- Screen enhancement: Anti-Reflection coated screen
- Response time (typical): 2 (BEW equiv.) ms
- Dynamic screen contrast: 30000:1
- Typography: 2250 trillion colors, 17bit RGB
- Brightness: 500 cd/m²
- Aspect ratio: Widescreen

Sound
- Output power (RMS): 2 x 15W
- Sound System: Virtual Dolby Digital, BBE

Ambilight
- Ambilight Features: Ambilight Spectra 2, Lounge Ambilight
- Color cabinet: High gloss decofront with black dome

Supported Display Resolution
- Computer formats: XGA 640 x 480, 60Hz
- Resolution Refresh rate
- Video formats
- Resolution Refresh rate

Sound
- Output power (RMS): 2 x 15W

Convenience
- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide
- Picture in Picture: Text dual screen
- Remote Control: Universal
- Remote control type: RC4492
- 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)
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG
- Multimediaw: Digital media reader (browser), USB
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner: DVB COFDM 2K/8K
- TV system: DVB COFDM 2K
- Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *
- 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
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- 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, Headphone out, USB
- PC network link: DLNA 1.0 certified
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: AC 220 - 240 V +/- 10%
- Power consumption: 186 W
- Power (Energy saving mode): 144 W
- Standby power consumption: 0,15 W

Dimensions
- Set dimensions (W x H x D): 953 x 604 x 101 mm
- Set dimensions with stand (H x D): 677 x 242 mm
- Weight incl. Packaging: 29 kg
- Weight incl. Packaging: 29 kg
- Product weight: 19.2 kg
- Product weight (+stand): 23.2 kg
- Box dimensions (W x H x D): 1067 x 819 x 300 mm
- Color cabinet: High gloss decofront with black backcover
- VESA wall mount compatible: 200 x 200 mm

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

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