

Philips Cineos
LCD TV

107cm (42")
Full HD 1080p

42PFL9703



Excite your senses

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

Easy to connect and enjoy

- Enjoy photo and music playback via USB
- 4 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC

Perfect LCD Picture

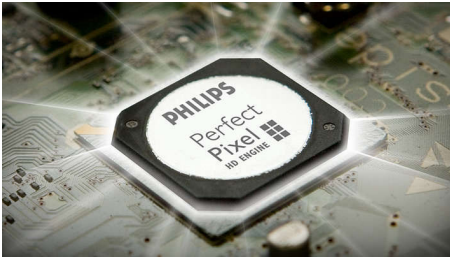
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- HD ready 1080p for highest quality display of Full HD images
- Perfect Natural Motion for ultra smooth Full HD movies
- Wide Color Gamut LCD display for brilliant colors
- 100Hz Clear LCD, 2ms performance for superb motion sharpness
- 2250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

PHILIPS

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Highlights

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!

Wide Color Gamut LCD

x.v.Color ensures realistic color reproduction, accurately capturing every tint, hue and depth in order to offer a wide color range that includes almost twice as many colors as sRGB color space. x.v.Color produces color variations very close to what the human eye can recognize – it even enhances/improves the quality of High Definition video material. Televisions compliant with x.v.Color will reproduce images in almost the same quality as when it was recorded.

100Hz Clear LCD (2ms)



100Hz 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 you can enjoy clear images even with fast on-screen motion.

2250 trillion color processing

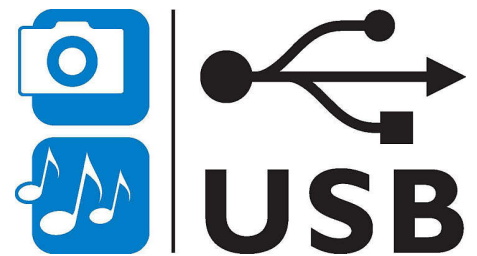
Vibrant and natural images from most advanced color processing. The 17 bit color booster optimises each of the 3 color channels (RGB), a total processing power of 2250 trillion colors. It produces more vibrant colors while retaining excellent sharpness. The advanced algorithms detect skin tones and subtle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

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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.

USB for photo & music playback



The USB connector allows access to jpeg photos and mp3 music of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your photos and music.

4 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources and includes digital audio. 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. Your TV is fully prepared for the HD future.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Color cabinet: Black glass decofront with black backcover
- Panel resolution: 1920x1080p
- Brightness: 500 cd/m²
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colors, Wide color gamut display, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100Hz Clear LCD, Jagged Line Suppression, Progressive scan, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 30.000:1
- Response time (typical): 2 (BEV equiv.) ms
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 2250 trillion colors 17bit RGB

Supported Display Resolution

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

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: DVB COFDM 2K/8K
- 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 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
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, 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
- 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, Program information Line
- Smart mode: Game, Movie, Personal, Power saver, Standard, Vivid

Sound

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

Loudspeakers

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

Connectivity

- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, CVBS in, S-Video, YPbPr
- AV 2: Audio L/R in, CVBS
- AV 3: (1, 2, 3Fh autoranging), Audio L/R in, VGA PC-in, YPbPr
- EasyLink (HDMI-CEC): One touch play, System audio control, System standby
- AV 4: Audio L/R in, HDMI v1.3
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone Out, USB
- AV 5: HDMI v1.3
- AV 6: HDMI v1.3
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface

Power

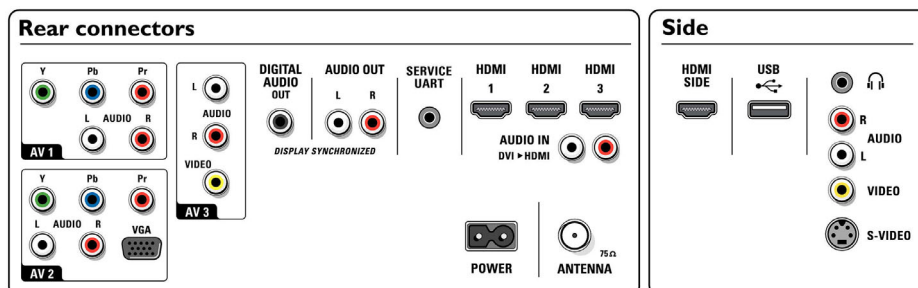
- Mains power: AC 220 - 240 V +/- 10%
- Ambient temperature: 5 °C to 35 °C
- Power consumption: 206 W
- Standby power consumption: 0,15 W
- Power (Energy saving mode): 150 W

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: 35 (tbc) kg
- Stand width: 590 mm
- Wall mount compatible: 300 x 300 mm



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