

Philips
Flat TV

107 cm (42")
LCD
Full HD 1080p

42PFL7962D



Slimmer by inches. Clearer by miles.

This TV is our slimmest yet, boasting an elegant, ultra-sleek form factor, paired with a full HD 1080p screen. The cinematic Ambilight and deep bass subwoofer gives an experience that's better by inches and clearer by miles.

Ready for the future

- Integrated Digital Tuner for DVB-T reception

Designed for your convenience

- Swivel stand for the optimal viewing angle
- 3 HDMI inputs for full digital HD connection in one cable

Exciting and lifelike sound

- Incredible Surround with subwoofer for deep bass
- BBE for superior sound clarity

Immersive viewing experience

- Full HD LCD display, 1920 x 1080p
- Pixel Plus 2 HD for great details, depth and clarity
- Up to 5 ms response time for clear, fast-moving action
- 2-channel active Ambilight enhances the viewing experience
- Digital Natural Motion for smooth moving images
- 28.9 billion colours and up to 7500:1 contrast ratio

PHILIPS

Flat TV
107 cm (42") LCD, Full HD 1080p

Highlights

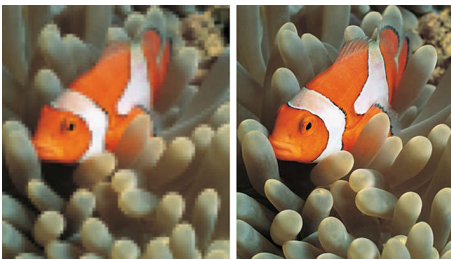
Full HD LCD display 1920 x 1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

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.

Pixel Plus 2 HD



Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colours and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

5 ms response time

Response time measures signal reaction speed in milliseconds. A faster response time is better as it eliminates visible image artefacts that could dampen your experience when viewing fast-moving images or objects. In this

case, this LCD panel gives you a 5 ms response time so that you can watch your LCD TV with a clear, fast-moving action.

Ambilight 2 channel



Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colours and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambience, stimulates more relaxed viewing and improves perceived picture detail, contrast and colour. Ambilight automatically and independently adapts its colours according to the changing content on the screen.

Digital Natural Motion

Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

colours and contrast

Vibrant and natural images from the most advanced colour processing. The 3 colour channels (RGB) are optimised using 10-bit RGB processing technology resulting in a total of 28.9 billion colours. It produces vibrant colours while retaining excellent sharpness together with excellent black level and accurate rendition of dark shades and colours

42PFL7962D/05

to give a bright, lifelike picture with high contrast and vibrant colours

Incredible Surround subwoofer

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround with integrated subwoofer now allows you to experience total surround with greater depth of bass and width of sound with the use of an integrated subwoofer.

BBE

BBE high definition sound is the core sound enhancement technology (licensed by BBE Sound) that will enable you to experience real natural music and speech intelligibility with rich and clear audible vocals.

Swivel stand

This TV comes with a swivel stand that allows you to watch your TV from your favourite position at any angle so that you can enjoy the best entertainment from any seat in the room.

3 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 3 HDMI inputs you can connect multiple HD sources, such as an HD set-top box and a Blu-ray player. Your TV is fully prepared for the HD future.

Specifications

Ambilight

- Ambilight Features: Ambilight 2 Channel
- Pre-set modes: 4 Active Adaptive modes

Picture/Display

- Aspect ratio: Widescreen, 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: High Gloss black deco front with Silver rim cabinet
- Panel resolution: 1920 x 1080p
- Brightness: 500 cd/m²
- Picture enhancement: Pixel Plus 2 HD, Digital Natural Motion, Luminance Transient Improver, Colour Transient Improvement, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Colour Enhancement, Digital Noise Reduction
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 7500:1
- Response time (typical): 5 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75, 85 Hz, 800 x 600, 60, 72, 75, 85 Hz, 1024 x 768, 60, 70, 75, 85 Hz, 1280 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 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, 25, 30 Hz, 1080p, 24, 50, 60 Hz

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Digital TV: DVB Terrestrial*
- Number of Pre-set Channels: 100
- Video Playback: NTSC, SECAM, PAL
- Tuner Display: PLL

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic

- Tuning System (ATS), Autostore, Fine Tuning, Plug and Play, Programme Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Easy toggle Dig/Analogue modes, Programme List, Side Control, Smart Picture, Smart Sound
- Clock: Sleep Timer, Wake-up Clock
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Electronic Programme Guide: 8-day Electronic Programme Guide
- Remote Control: TV
- Remote control type: RC2034312/01
- Teletext: 1200-page Hypertext
- Picture in Picture: Text dual screen
- Teletext enhancements: 4 favourite pages, Programme information Line

Sound

- Equalizer: 7-bands
- Output power (RMS): 20 W
- Sound System: Stereo, BBE
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Dynamic Bass Enhancement

Loudspeakers

- Built-in speakers: 2
- Loudspeaker types: Integrated subwoofer

Connectivity

- Number of Scarts: 2
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Other connections: Headphone out, Common Interface
- Ext 3: HDMI v1.3, CVBS in, Audio L/R in
- Ext 4: YPbPr, S-video in, Audio L/R in
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3

Power

- Mains power: 220 - 240 V, 50/60 Hz
- Ambient temperature: 5°C to 40°C
- Power consumption: 170 W
- Standby power consumption: ≤ 1 W

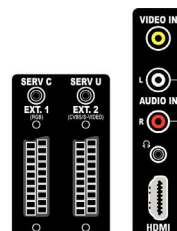
Accessories

- Included accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Registration card, Warranty certificate, Remote Control, Batteries

for remote control

Dimensions

- Set Width: 1029 mm
- Set Height: 662 mm
- Set Depth: 136 mm
- Product weight: 26.5 kg
- Set width (with stand): 1029 mm
- Set height (with stand): 725 mm
- Set depth (with stand): 279 mm
- Product weight (+stand): 31 kg
- Box width: 1129 mm
- Box height: 756 mm
- Box depth: 314 mm
- Weight incl. Packaging: 38.5 kg
- Wall-mount compatible: 600 x 400 mm



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