

Philips
Flat TV

132 cm (52")
LCD
Full HD 1080p

52PFL7762D



Turn up your viewing experience

with Pixel Plus 2 HD

With this TV you can now enjoy the benefits of digital TV. At the same time, you can watch superb pictures using Pixel Plus 2 HD for clarity and details along with Digital Natural Motion for the ultimate viewing experience

Ready for the future

- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals

Breathtaking natural pictures

- Full HD LCD display, with a 1920 x 1080p resolution
- Pixel Plus 2 HD for great details, depth and clarity
- Digital Natural Motion for smooth moving images
- 28.9 billion colours and up to 7500:1 contrast ratio

Designed for your convenience

- 3 HDMI inputs for full digital HD connection in one cable

Exciting and lifelike sound

- Incredible Surround™ for enhanced audio enjoyment
- BBE for superior sound clarity

PHILIPS

Flat TV
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Highlights

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.

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.

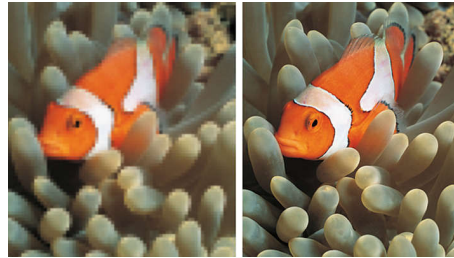
HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD

screen that displays the benefits of the resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

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.

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

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

Incredible Surround™

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 allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

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.

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.

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Specifications

Picture/Display

- Aspect ratio: Widescreen, 16:9
- Diagonal screen size (inch): 52 inch
- Diagonal screen size (metric): 132 cm
- Colour cabinet: Full Black cabinet with High Gloss deco front
- 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): 6 ms
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 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)



Specifications

- 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

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: 185 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: 1289 mm
- Set Height: 835 mm
- Set Depth: 124 mm
- Product weight: 39 kg
- Set width (with stand): 1289 mm
- Set height (with stand): 901 mm
- Set depth (with stand): 325 mm
- Product weight (+stand): 49 kg
- Box width: 1385 mm
- Box height: 927 mm
- Box depth: 277 mm
- Weight incl. Packaging: 54 kg
- Wall-mount compatible: 600 x 400 mm

