



Philips
Flat TV

107cm (42")
LCD
HD Ready

42PFL7762D



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 powerful Pixel Plus 2HD engine 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
- HD Ready for the highest quality display of HD signals

Designed for your convenience

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

Breathtaking natural pictures

- Full HD LCD display, 1920x1080p
- Pixel Plus 2 HD for great details, depth and clarity
- Up to 5ms response time for clear, fast moving action
- Digital Natural Motion for smooth moving images
- 28.9 billion colors and up to 7500:1 contrast ratio

Exciting and lifelike sound

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

PHILIPS

Flat TV
107cm (42") LCD, HD Ready

Highlights

Full HD LCD display 1920x1080p

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 colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner

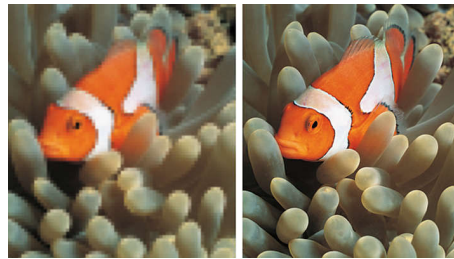
The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. 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 a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Pixel Plus 2 HD



Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors 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. Artifacts 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.

5ms response time

Response time measures signal reaction speed in milliseconds. Faster response time is better as it eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects. In this case, this LCD panel gives you 5ms response time so that you can watch your LCD TV with a clear, fast moving action.

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.

colors and contrast

Vibrant and natural images from most advanced color processing. The 3 color channels (RGB) are optimised using 10bit RGB processing technology resulting in a total of 28.9 billion colors. It produces vibrant colors while retaining excellent sharpness together

42PFL7762D/12

with excellent blacklevel and accurate rendition of dark shades and colors to give a bright, lifelike picture with high contrast and vibrant colors

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 and bass ,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, 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 favorite 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 analog 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 backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 3 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

Specifications

Picture/Display

- Aspect ratio: Widescreen, 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Color cabinet: High Gloss black deco front with Silver rim cabinet
- Panel resolution: 1920x1080p
- Brightness: 500 cd/m²
- Picture enhancement: Pixel Plus 2 HD, Digital Natural Motion, Luminance Transient Improver, Color Transient Improvement, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color 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, 85Hz, 800 x 600, 60, 72, 75, 85Hz, 1024 x 768, 60, 70, 75, 85Hz, 1280 x 768, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 24, 25, 30Hz, 1080p, 24, 50, 60Hz

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 Preset Channels: 100
- Video Playback: NTSC, SECAM, PAL
- Tuner Display: PLL

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Easy toggle Dig/Analog modes, Program 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 Program Guide: 8 day Electronic Program Guide
- Remote Control: TV
- Remote control type: RC2034312/01
- Teletext: 1200 page Hypertext
- Picture in Picture: Text dual screen
- Teletext enhancements: 4 favourite pages, Program information Line

Sound

- Equalizer: 7-bands
- Output power (RMS): 20W
- 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 - 240V, 50/60Hz
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 170 W
- Standby power consumption: ≤ 1 W

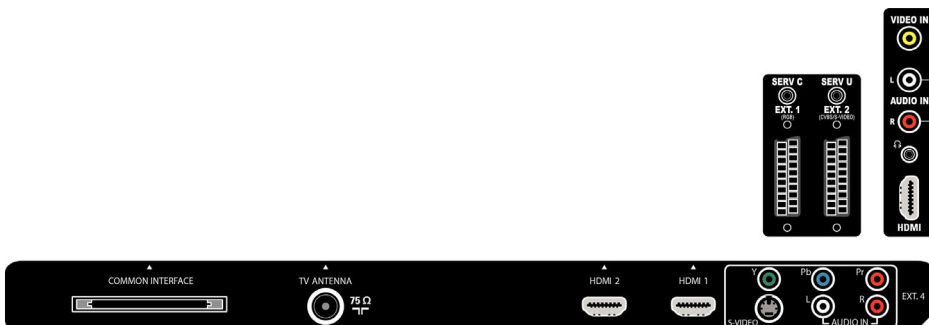
Accessories

- Included accessories: Table top 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: 25.5 kg
- Set width (with stand): 1029 mm
- Set height (with stand): 725 mm
- Set depth (with stand): 279 mm
- Product weight (+stand): 30 kg
- Box width: 1129 mm
- Box height: 756 mm
- Box depth: 314 mm
- Weight incl. Packaging: 37.5 kg
- Wall mount compatible: 600 x 400 mm



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