

Philips
Flat TV

32"
LCD
HD Ready

32PFL7782D



Slimmer by inches. Clearer by miles.

This TV is our slimmest yet, boasting an elegant, ultra-sleek form factor, paired with technology that is HD ready. 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
- 4 HDMI inputs for full digital HD connection in one cable

Breathtaking natural pictures

- HD LCD WXGA display, with a 1366 x 768p resolution
- Pixel Plus 2 HD for great details, depth and clarity
- Up to 8 ms response time for clear, fast-moving action
- Digital Natural Motion for smooth moving images
- 28.9 billion colours 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
32" LCD, HD Ready

Highlights

LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. 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

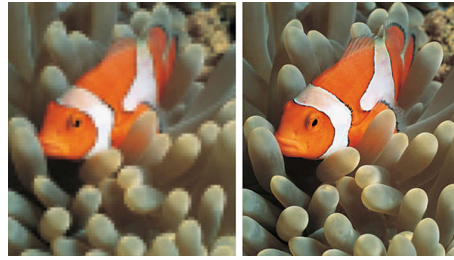
The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

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.

8 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 an 8 ms 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.

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

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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 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.

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 backwards-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, such as an HD set-top 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, 16:9
- Diagonal screen size (inch): 32 inch
- Diagonal screen size (metric): 81 cm
- Panel resolution: 1366 x 768p
- 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 WXGA Active Matrix TFT
- Dynamic screen contrast: 12000:1
- Response time (typical): 8 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)
- 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: RC2034314/01
- 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
- Ext 7: HDMI v1.3

Power

- Mains power: 220 - 240 V, 50/60 Hz
- Ambient temperature: 5°C to 40°C
- Power consumption: 110 W
- Standby power consumption: ≤ 1 W

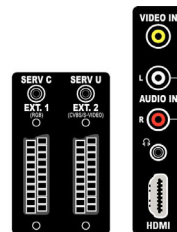
Accessories

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

Dimensions

- Set Width: 804 mm
- Set Height: 533 mm

- Set Depth: 162 mm
- Product weight: 15 kg
- Set width (with stand): 804 mm
- Set height (with stand): 605 mm
- Set depth (with stand): 223 mm
- Product weight (+stand): 18 kg
- Box width: 874 mm
- Box height: 646 mm
- Box depth: 299 mm
- Weight incl. Packaging: 22 kg
- Wall-mount compatible: 200 x 100 mm



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