

Philips  
LCD TV

81 cm (32")  
HD Ready

32PFL5409



## Brilliant design, powerful performance

With superb picture and sound.

Experience brilliant performance with a HD 1366 x 768p display. Combined with a powerful Pixel Plus HD Engine and fantastic invisible sound, this Flat TV will never let you down.

### Easy to connect and enjoy

- USB for fantastic multimedia playback
- 3 HDMI inputs with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor
- Smart Picture and Smart Sound to personalize your viewing
- Swivel stand for the optimal viewing angle

### Pure and lifelike sound

- 20W for superior sound clarity
- Dynamic Bass Enhancement for cinematic sound
- Invisible speakers with incredible surround

### Vivid and razor sharp pictures

- Pixel Plus HD for better details, depth and clarity
- HD LCD display, with a 1366 x 768p resolution
- Dynamic contrast 50000:1 for incredible rich black details
- Active Control with Light Sensor optimizes picture quality

# PHILIPS

LCD TV  
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# Highlights

## Pixel Plus HD

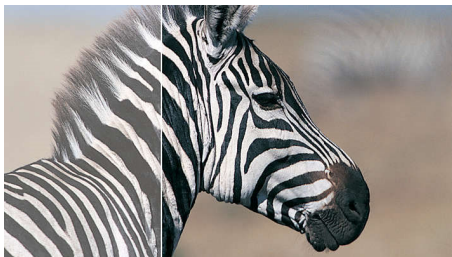


Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural, and real. The result means superbly life-like pictures with incredible details and depth from any HD source.

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

## Dynamic contrast ratio 50000:1



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.

## 20W for superior sound clarity

20W for superior sound clarity

## USB (multimedia)



The USB connector allows access to jpeg photos, mp3 music and video files 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 videos, photos and music.

## 3 HDMI inputs with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With Easylink only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 2 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.

## PC input (HDMI and VGA)

With PC input you can use your TV as a PC monitor either using a HDMI-DVI cable/ converter (for digital signals) or VGA cable (for analog signals).

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## Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

## 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.

## Active Control + Light Sensor

Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

## True 24p playability

Movies and many prime time TV programs are captured at 24 frames per second (24p). Without changing the frames processing of the film, the TV displays movie content exactly at 24 frames per second, hence recreating the exact same motion effect film producers have intended.

## Dynamic Bass Enhancement

By using digital sound processing, DBE dynamically enhances the bass notes according to your personal wishes. Plus, since it is volume sensitive, the sound is always free from low-end distortion.

## Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.



# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 32 inch
- Diagonal screen size (metric): 81 cm
- Panel resolution: 1366 x 768p
- Brightness: 450 cd/m<sup>2</sup>
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Dynamic contrast enhancement, Jagged Line Suppression, Sharpness Adjustment, Dynamic Noise Reduction, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Display screen type: LCD WXGA+ Active Matrix TFT
- Dynamic screen contrast: 50 000:1
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V)
- Screen enhancement: Semi-glare

## 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, Via HDMI/DVI input,
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 24, 25, 30, 50, 60Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL B/G, PAL D/K
- Number of Preset Channels: 99
- Video Playback: NTSC, PAL

## Multimedia Applications

- Playback Formats: MP3, JPEG Still pictures, MPEG1, MPEG4, RealMedia Video
- Playback enhancement: Picture slideshow

## Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Side Control, Smart Picture, Smart Sound, EasyLink
- Clock: On main display, Sleep Timer, Wake up

- Clock, Wake Up Timer
- Connection Enhancement: Easy link
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Multimedia: USB media browser
- Remote Control: TV
- Remote control type: PF02A09B
- Signal strength indication
- Teletext: 1000 page Smart Text
- On-Screen Display languages: Arabic, English, French, Thai, Traditional Chinese
- Firmware upgradeable: Firmware upgradeable via USB
- Picture in Picture: Picture in graphics
- Teletext enhancements: 4 favourite pages

## Sound

- Output power (RMS): 20W
- Sound System: Mono, Nicam Stereo, Stereo
- Sound Enhancement: Auto Volume Leveler, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control

## Loudspeakers

- Built-in speakers: 2

## Connectivity

- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in
- EasyLink (HDMI-CEC): One touch play, EasyLink, Remote control pass-through, System audio control, System standby
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone Out, USB
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- Other connections: Monitor out, CVBS, L/R (cinch), PC-in VGA + Audio L/R in

## Power

- Mains power: 110-240V; 50-60Hz
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 120 W
- Standby power consumption: (typical) <math>\leq 0.15\text{W}</math>

## Accessories

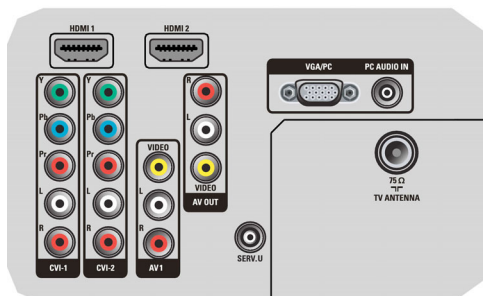
- Included accessories: Tabletop swivel stand, Power

- cord, Quick start guide, User Manual, Remote Control, 2 x AAA Batteries
- User Manual: Arabic, English, French, Malay, Thai, Traditional Chinese

## Dimensions

- Set Width: 810 mm
- Set Height: 519 mm
- Set Depth: 95 mm
- Product weight: 10.5 kg
- Set width (with stand): 810 mm
- Set height (with stand): 570 mm
- Set depth (with stand): 230 mm
- Product weight (+stand): 12.5 kg
- Box width: 1034 mm
- Box height: 662 mm
- Box depth: 246 mm
- Weight incl. Packaging: 17.5 kg
- Wall mount compatible: 200 x 200 mm

## Rear connectors



## Side



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