



Philips
LCD TV

56 cm (22")
HD Ready

22PFL3409



Clearly a smart choice

Experience great picture and sound quality with this HD Ready display. So easy to enjoy, with high quality standards, you can be sure that you make the right choice with this Philips Flat TV.

Easy to connect and enjoy

- 1 HDMI input 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

Vivid and razor sharp pictures

- Digital Crystal Clear for detail depth and clarity
- HD LCD display, with a 1366 x 768p resolution
- 28.9 billion colors for brilliant natural images
- Active Control optimizes picture quality whatever the source
- Native cinema mode for real movie experience

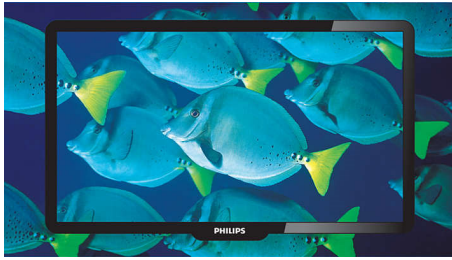
Crisp and Clear sound

- Incredible Surround for enhanced audio enjoyment
- 2x5W RMS audio power

PHILIPS

Highlights

Digital Crystal Clear



Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

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.

28.9 billion colors



Vibrant and natural images from the most advanced color processing. The 3 color channels (RGB) are optimized for a total processing power of 28.9 billion colors. The

advanced algorithms detect even the subtlest shades and skin tones, creating the best color possible.

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.

2x5W RMS audio power

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1HDMI input 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 1 HDMI input on the TV you can connect 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).

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.

Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

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.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 22 inch
- Diagonal screen size (metric): 56 cm
- Color cabinet: High gloss black deco front with black cabinet
- Panel resolution: 1366 x 768p
- Brightness: 350 cd/m²
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color Enhancement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast, Smart Picture, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Display screen type: LCD WXGA+ Active Matrix TFT
- Dynamic screen contrast: 4000
- Response time (typical): 8 ms
- Viewing angle: 170° (H) / 155° (V)
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1280 x 720, 60Hz, 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, 30, 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
- Video Playback: NTSC, SECAM, PAL

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Program Naming, Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Channel list, Graphical User Interface, Side Control
- Clock: On main display, Sleep Timer, 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, unscaled (dot by dot)

- Remote Control: TV
- Remote control type: PF01A09B
- On-Screen Display languages: English, Simplified Chinese

Sound

- Output power (RMS): 2 x 5W
- Sound System: Mono, Nicam Stereo, Stereo
- Sound Enhancement: Auto Volume Leveler, Incredible Surround, Smart Sound

Loudspeakers

- Built-in speakers: 2

Connectivity

- AV 1: Audio L/R in, CVBS in
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, YPbPr
- EasyLink (HDMI-CEC): Addressing, routing & discovery, One touch play, Power status, System info (menu language), System standby
- Front / Side connections: CVBS in, Audio L/R in
- HDMI 1: HDMI v1.3
- Other connections: Monitor out, CVBS, L/R (cinch), PC-in VGA + Audio L/R in

Power

- Mains power: 220-240V, 50-60Hz
- Ambient temperature: 5 °C to 40 °C
- Power consumption: max 45 W
- Standby power consumption: < 0.30 W

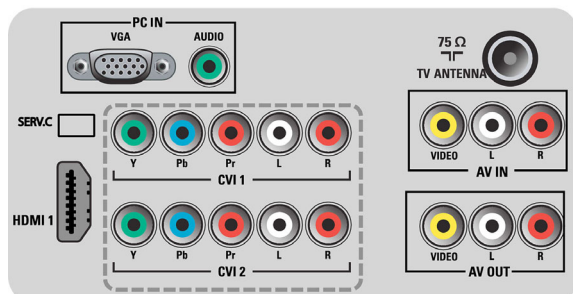
Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, User Manual, Remote Control, Batteries for remote control

Dimensions

- Set Width: 541 mm
- Set Height: 375 mm
- Set Depth: 68 mm
- Product weight: 5.1 kg
- Set width (with stand): 541 mm
- Set height (with stand): 417 mm
- Set depth (with stand): 150 mm
- Product weight (+stand): 5.5 kg
- Box width: 637 mm
- Box height: 208 mm
- Box depth: 472 mm

Rear connectors



Side



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